

**SYLVANIA**

**SYLVANIA**

Feilo Sylvania TR Elektrik Ürünleri Ltd. Şti.  
Tecom Plaza Kavacık Mah.  
Ekinçiler Cad, Muhtar Sk. No:5 K:4,  
34810 Beykoz - İstanbul, Turkey  
T: +90 216 227 25 79  
E: turkiye@sylvania-lighting.com



Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Limited.  
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[sylvania-lighting.com](http://sylvania-lighting.com)

A Feilo Sylvania Company

# Sylvania Lighting Turkey Project & Installer Collection 2021

Fast, simple, cost effective lighting

Light your world







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**Light your world**

At Sylvania we empower people to control their environment, giving them the freedom to grow, think, work, play; to live and to focus on the things that matter.

# Bringing light to life, we've got it covered

## Our Products

### START TM eco

Sylvania's simple, cost effective, 3 year warranty trade range for energy efficient lighting of commercial and residential premises.

### START TM

Sylvania's contractor focused 5 year warranty range for a wider choice of applications including commercial and industrial.

## SYLVANIA

Sylvania are one of the world's leading light specialists. Not only do we design and manufacture lighting solutions, we push the boundaries of technology and strive to innovate in everything we do. Our specification luminaires range offers the choice, functionality and flexibility to meet your individual project requirements.

## Concord

Concord luminaires by Sylvania provide one of Europe's most respected architectural lighting ranges for high specification architectural lighting. With a strong manufacturing base in the UK, Concord luminaires are renowned for their influential design ethos, high technical performance and aesthetic form.

## TRADE AND INSTALLER COLLECTION



Fast, simple, cost effective lighting 2021

## PROFESSIONAL COLLECTION



Architectural and specification lighting 2021

## SYLVANIA

For over 100 years Sylvania has been an innovator in lamps technology. The company was the first to establish mass production of fluorescent lamps and invented the first dichroic reflector. We continue to invest in our research centres and LED technologies to stay at the forefront of the replaceable light source industry in the coming decades.

## LAMPS RANGE



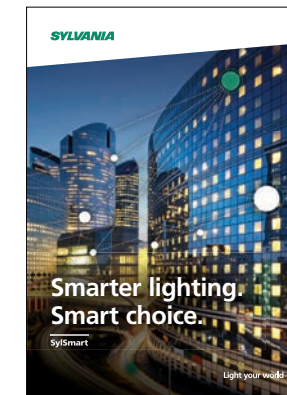
Lamps Catalogue 2021

## Our Solutions

### SylSmart Intelligent Lighting Control

Sylvania's smart lighting control system, SylSmart allows users to harness light like never before. Light can be controlled throughout an entire room or building, ensuring incredible flexibility in lighting control, combined with maximum energy efficiency. SylSmart solutions are rapidly installed, easy to commission and fully customisable to tailor the light to your needs

## WIRELESS CONTROL SYSTEMS

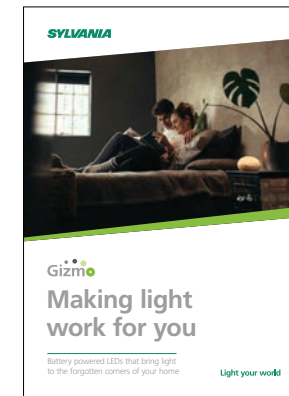


For full details on our Sylsmart Controls systems please visit [sylvania-lighting.com/sylsmart](http://sylvania-lighting.com/sylsmart)

## YourHome

Sylvania's YourHome range is designed with the consumer in mind. We supply the perfect luminaire or lamp for every home application. From creating a warm ambient light in the living room to a productive, functional atmosphere in the home office, all of our solutions are shaped around the flexibility required by our customers to light their homes to their individual tastes.

## CONSUMER RANGE



For full details on our consumer products, such as LED Pipe, Sylmirror, Gizmo Indoor and Gizmo Outdoor - please visit [sylvania-lighting.com](http://sylvania-lighting.com)

### SmartServices for complete peace of mind

Smart Services are designed to compliment Sylvania's comprehensive range of light fixtures, both indoor and outdoor, providing a total solution service. Our services will take your project through the required steps from conception, and energy audit, all the way to completion plus commissioning, via all the required key stages including project financing with Smarter Finance

## LIGHTING SERVICES PORTFOLIO



For full details on our SmartServices portfolio please visit [sylvania-lighting.com/smart-services](http://sylvania-lighting.com/smart-services)



## Applications

As an innovation leader, we supply an extensive range of lamps, luminaires and lighting control solutions for various professional lighting application areas.

[1]



[3]



[2]



[4]

[5]



[6]

[7]



[8]



### Retail [1]

Lighting can have a huge impact on the bottom line in the retail environment. From enticing window displays to encouraging customers to spend more time on the shop floor, lighting does so much more than illuminate a product. Done correctly, it can even reduce overheads.

### Office [2]

We know that lighting impacts our health, mood and sense of well-being – and all of those things contribute to our productivity. We take a human centric approach to lighting office spaces, reducing negative elements such as eye fatigue and headaches.

### Logistics and Industry [3]

This is a demanding sector with demanding needs. Many of these buildings are running 24/7 and need an intelligent lighting solution that's cost-effective, low maintenance and sustainable. We work with these businesses to determine the total cost of ownership and guarantee a return on investment.

### Education [4]

The learning environment is where we cultivate ideas and nurture young talent. Light levels that are strictly regulated for UGR and flicker have an important role to play. Lighting also accounts for over 50% of electricity costs in most schools, presenting an excellent opportunity to increase efficiency and lower costs.

### Museum and Galleries [5]

Lighting has many surprising uses in a museum or gallery. From illuminating exhibits and artefacts to making visitors feel comfortable and welcome, light is a huge part of the overall experience. We have a long and distinguished heritage in museum and gallery lighting.

### Hospitality [6]

Ambience and atmosphere are key when it comes to hosting, and nothing impacts those things more than lighting. From hotels and restaurants to clubs and bars, we have a range of lighting solutions that can be tailored to suit any environment while creating unique customer experiences.

### Residential and Consumer [7]

Light is one of the key ingredients when it comes to making a house a home. Whether the challenge is to bring warmth to a sitting room or function to a kitchen, we offer home owners a range of cost-effective solutions based solely on their unique needs.

### Outdoor [8]

Due to fluctuations in weather and the changing seasons, outdoor lighting can be a complex challenge. Our outdoor lighting solutions takes all of this into account, providing cost-effective lighting that requires little to no maintenance. For commercial premises, facade lighting can create expressive and memorable architectural lighting experiences.



Without regular maintenance light levels can fall by up to **30%** in 2-3 years, leading to more lights being turned on to compensate.

**Smart Services are available for all projects, however large or small, and can be used in any combination.**  
To access Smart Services simply speak with your local Sylvania representative or visit: [sylvania-lighting.com/smart-services](http://sylvania-lighting.com/smart-services) for more information.

# Providing smart tools for your business



**Smart Services can assist you in delivering your projects on time whilst achieving energy efficiency, carbon savings, compliance, piece of mind or simply discovering what is actually in your estate.**

**Audit**  
This can be as simple as creating an asset register, to as critical as ensuring Emergency Lighting compliance. A Sylvania Audit can also discover the opportunities for your business to make efficiency gains and savings.

**Design**  
What's best for your project? Where do the fixtures need to go? Is my Emergency Lighting in the right place? Use the Sylvania Design service to provide you with a professional lighting design and all the associated outputs.

**Turnkey installation**  
As a 'one stop shop' Sylvania will Project Manage your project, install the new lighting equipment, remove and recycle the old equipment and ensure your new equipment is setup, optimised and customised to suit your operation.

**Commissioning**  
You've got your new lighting infrastructure – ensure that it is setup in the most efficient manner, it is compliant or just have some changes made, following a change in layout – use the Sylvania Commissioning option.

**Measurement & Verification**  
Our M&V service captures the real time energy consumption of your premises existing and new lighting solution. Verifying actual savings compared to proposed ROI. Through the remote M&V tool it is possible to oversee your site: detect anomalous working, receive notifications and reports. The power is in your hands!

**Maintenance**  
Keep your infrastructure in tip top condition; ensure continued compliance and efficient operation.



# A smart solution for every need

**SylSmart**  
Smarter Lighting. Smart Choice.

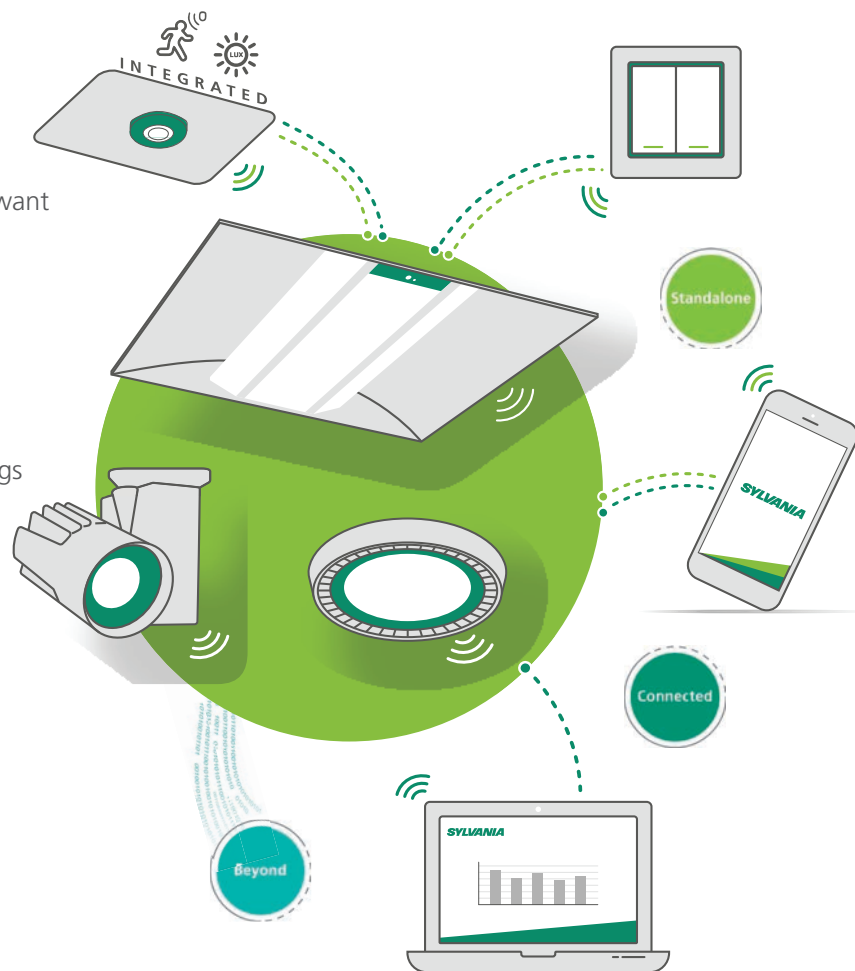


“Smart Lighting dramatically changes the traditional use of lighting and paves the way for new opportunities”

EDWARD LEES  
Head of Technical Product Development  
Smart Lighting

## Key benefits:

- No new cables, no disruption**  
wireless technology making installation easy
- Easy programming**  
intuitive tools put power back into your hands, no engineers needed
- High flexibility**  
customise your system to get the light you want
- Hassle-free operation, low maintenance**  
highly flexible intelligent lighting control features manages it all for you
- Abundant energy savings**  
highly intelligent – will deliver massive savings and enable access to energy efficiency certificates for your building
- Redundancy & reliability**  
decentralised intelligence ensuring no single point of failure
- Designed with security built in**  
user access controlled and highly encrypted
- Future proof**  
always up-to date & upgradeable



For more information go to [sylvania-lighting.com/sylsmart](http://sylvania-lighting.com/sylsmart)

## SylSmart Standalone

**MAXIMUM CONTROL. MINIMUM INSTALLATION.**

**Multifunctional & easy to control**  
ideal for smaller applications

Advantages: extremely versatile, intuitive & fast configuration through the app, grouping & scheduling, colour control, daylight linking tunable white, occupancy control – all at touch of button using self powered & energy harvesting wall switch

**APPLICATION:** SUITS SMALL AREAS IN MOST BUILDINGS, OFFICE, EDUCATION, RETAIL, HOSPITALITY, LOGISTIC OR INDUSTRY SPACES

Standalone



## SylSmart Connected Building

**LIGHTING INTELLIGENCE MADE EASY**

**Modular, scalable and secure – luminaire integrated control system optimised for multiple interconnected rooms in buildings**

Advantages: no additional wires or hardware required, floorplan based pre-configuration remotely through cloud, rapid app-based on-site setup and optimisation, personalised lighting experience, interoperable platform for IoT and BMS Integration

**APPLICATION:** COMMERCIAL OFFICE, DATA CENTERS, HEALTHCARE, EDUCATION

Connected



## SylSmart Connected Industry

**CONTROL OPERATIONAL COST THROUGH LIGHTING.**

**Secure & robust – designed for tough environments in larger scale warehouse or industry**

Advantages: insight into how your building operates with real time energy metering, status monitoring, floor plan view, scheduling & notifications; energy efficiency thanks to advanced grouping & daylight management delivering impressive savings up to 90% & ROI in less than 3 years

**APPLICATION:** WAREHOUSES, STORAGE ROOMS, FACTORIES, PRODUCTION LINES

Connected



## SylSmart Beyond

**OPEN YOUR MIND TO THE IoT POSSIBILITIES.**

**Data driven efficiency – futureproof lighting infrastructure that delivers value beyond light itself**

Advantages: location based services, energy monitoring, emergency response, occupancy analytics and maintenance planning

**APPLICATION:** APPLICABLE IN ANY SEGMENT WHERE DATA VISUALISATION, CONTROL & INTEGRATION ARE ESSENTIAL

Beyond





 <b>Warranty</b> Warranty period in years	 <b>New</b> Please enquire regarding stock availability	 <b>Coming soon</b> Preliminary technical data Please enquire for availability
 <b>Non Dimmable</b> Product is not dimmable	 <b>Mains Dim</b> Product is mains dimmable	 <b>Dim To Warm</b> Colour warms when dimmed
 <b>Switch Dim</b> On-board dimming option	 <b>Dual Tone White</b> Adjustable from warm white to cool white via on-board switch	 <b>1-10V</b> 1-10V dimming option available
 <b>DALI</b> DALI dimming option available	 <b>SylSmart</b> Smart Wireless Control Enabled	 <b>Tunable White</b> Customized white light via external control
 <b>RGB</b> RGB colour change option available	 <b>RGBW</b> RGBW colour change option available	 <b>Microwave</b> Microwave sensor option available
 <b>PIR</b> There is a PIR sensor option available	 <b>IP Rating</b> Ingress protection against dust and liquid <i>* Rating behind ceiling void is IP20</i>	 <b>IK Rating</b> Level of impact protection
 <b>SDCM</b> SDCM rating for measurement of colour consistency	 <b>UGR</b> Glare rating is UGR <16 or <19 or above	 <b>CRI</b> Colour rendering index levels
 <b>Beam Angle</b> Angle of light distribution	 <b>Tilt Angle</b> Angle in which the fixture can be tilted	 <b>Rotation Angle</b> Angle in which the fixture can be rotated
 <b>Insulation Class I</b> Protection against electric shock by protective earthing	 <b>Insulation Class II</b> Protection against electric shock by double or reinforced insulation, but no protective earth	 <b>Insulation Class III</b> Protection against electric shock by using power supply with safety extra-low voltage
 <b>Emergency</b> 3 hour emergency versions	 <b>CE</b> Conforms to European regulations	 <b>EAC</b> Conforms to Eurasian regulations
 <b>Max Ambient Temp.</b> Maximum environmental temperature	 <b>Cut Out</b> Dimension of cut out required to install product	 <b>Without Lamp</b> Product comes without lamp
 <b>Coolfit Lamp</b> Ensures overheat and overtemperature protection	 <b>Fire Rated</b> Certified to 30, 60, 90 minutes	

Level of protection from solid and liquid materials

<b>0</b> No special protection	<b>0</b> No special protection
<b>1</b> Protection from solid objects greater than 50mm in diameter, such as a hand.	<b>1</b> Protection against condensation
<b>2</b> Protection against objects not greater than 80mm in length and 12mm in diameter	<b>2</b> Protection against water droplets deflected up to 15° from vertical
<b>3</b> Protection from solid objects greater than 2.5mm or more	<b>3</b> Protection against spray up to 60° from vertical
<b>4</b> Protection against solid objects larger than 1mm	<b>4</b> Protection against water spray from all directions
<b>5</b> Protection against dust that may harm equipment	<b>5</b> Protection against low pressure water jets from all directions
<b>6</b> Totally dust-tight	<b>6</b> Protection against high pressure water jets and waves
	<b>7</b> Protection against temporary immersion
	<b>8</b> Protection against prolonged effects of submersion under pressure. Submersion depth to be specified.*

**IP 66**

Level of protection against mechanical impacts.

<b>00</b> Not protected
<b>01</b> Protected against 0.14 joules impact.
<b>02</b> Protected against 0.2 joules impact.
<b>03</b> Protected against 0.35 joules impact.
<b>04</b> Protected against 0.5 joules impact.
<b>05</b> Protected against 0.7 joules impact.
<b>06</b> Protected against 1 joules impact.
<b>07</b> Protected against 2 joules impact.
<b>08</b> Protected against 5 joules impact.
<b>09</b> Protected against 10 joules impact.
<b>10</b> Protected against 20 joules impact.





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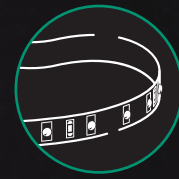
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All lumen values based on 4,000K CCT unless otherwise stated.



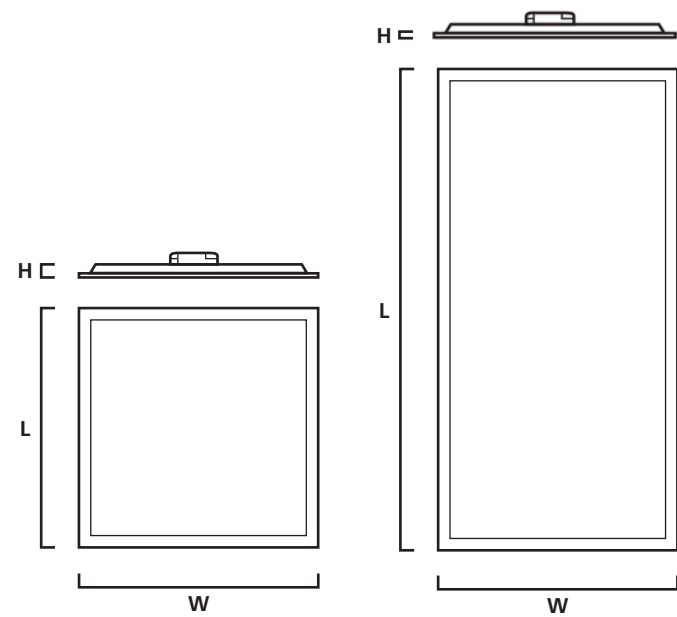


# START eco Panel



## Features

- Perfect for general lighting applications such as circulation areas, corridors and breakout areas
- A cost effective panel with efficacy of up to 89lm/W
- Uniform light distribution across the diffuser, no dark or hot spots
- Slim profile with height of 34mm (64mm including driver)\*\*
- Designed for 600 x 600 and 1200 x 300 t-grid ceiling panels
- Accessories available for 3 hour emergency, suspension and surface mounting
- Available in 3,000K, 4,000K or 6,500K
- Lifespan: 100,000 hours (L70B50)



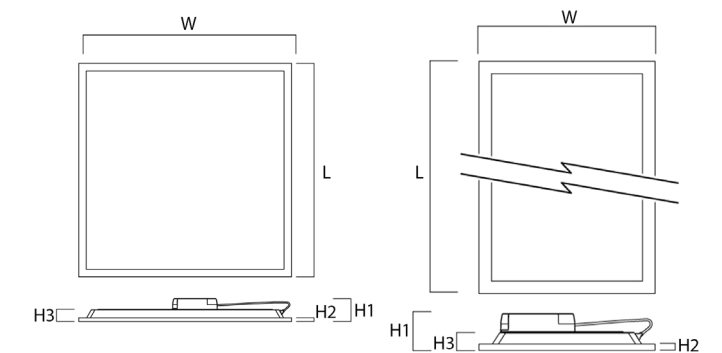
Size (W x L x H)	Wattage	Lumen	UGR
596mm x 596mm x 34mm**	36W	3,200lm	<22
1195mm x 295mm x 34mm**	36W	3,200lm	<22

# START Panel



## Features

- Designed for office and general lighting applications such as circulation areas, corridors and breakout areas
- High performance: Standard and UGR<19 versions deliver 100lm/W, High Efficiency versions 120lm/W
- Low glare version available (UGR<19) with prismatic diffuser for office spaces (complies to EN 12464-1)
- Designed for 600 x 600, 625 x 625, 1200 x 300 and 1200 x 600 t-grid ceiling panels
- Accessories available for suspension and surface mount (ready made frame or kit)
- 3 hour emergency conversion kit available
- Available in 3,000K, 4,000K and 6,500K
- Long lifespan: 100,000 hours (L70B50)



Size (W x L x H)	Wattage	Lumen	UGR
595mm x 595mm x 35mm	40W	4,000lm	<22
595mm x 595mm x 35mm	36W	4,300lm	<22
595mm x 595mm x 35mm	36W	3,600lm	<19
595mm x 595mm x 35mm	40W	4,000lm	<19
295mm x 1195mm x 35mm	40W	4,000lm	<19
595mm x 1195mm x 35mm	56W	5600lm	<19



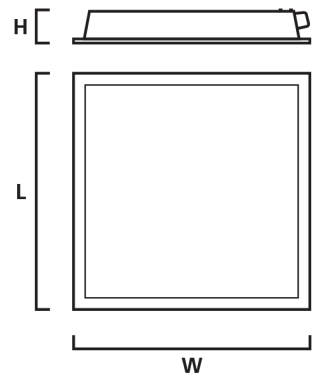


# START Panel Multipower

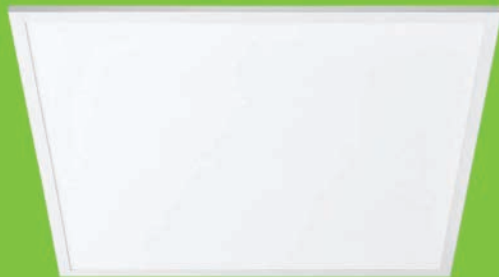


## Features

- Flexible output panels for office and general lighting applications such as circulation areas, corridors and breakout areas
- High efficiency, up to 146lm/W
- Multipower option provides 8 different power levels / lumen outputs per product
- Low glare version available (UGR<19), for office spaces (complies to EN12464-1)
- Designed for 600 x 600 and 625 x 625 t-grid ceiling panels
- Plasterboard and Surface mounting kits available
- Emergency conversion kit available
- Available in 3,000K or 4,000K
- Long lifespan: 100,000 hours (L70B50)



Size (W x L x H)	Wattage	Lumen	UGR
596mm x 596mm x 63mm	12-35W	1,825-5,100lm	<22
596mm x 596mm x 63mm	12-35W	1,625-4,450lm	<19
620mm x 620mm x 63mm	12-35W	1,825-5,100lm	<22
620mm x 620mm x 63mm	12-35W	1,625-4,450lm	<19



For ordering guide please visit page 112.

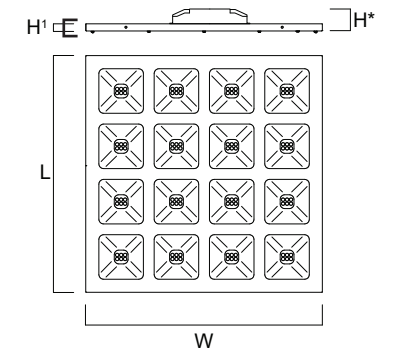
sylvania-lighting.com

# SYLVANIA Quadro



## Features

- Low glare architectural style panel perfect for office applications
- High efficiency of up to 150lm/W
- Its stylish design makes it a unique proposition on the market
- Multipower option provides 8 different power levels / lumen outputs per product
- Extremely low glare UGR<16 (complies to EN12464-1)
- Loop-in-Loop-out (LILO) box added as an option for easy installation
- Stylish modular design with 16 individual cells
- Designed for 600 x 600 and 625 x 625 ceiling panels
- Accessories available for surface mount (ready made frame or kit)
- 3 hour emergency conversion kit available
- Available in 3,000K or 4,000K
- Long lifespan: 100,000 hours (L70B50)



Size (W x L x H')	Wattage	Lumen	UGR
596mm x 596mm x 18mm	36W	4,600lm	<16
596mm x 596mm x 18mm	15-34W	2,250lm - 4,650lm	<16
620mm x 620mm x 18mm	36W	4,600lm	<16
620mm x 620mm x 18mm	15-34W	2,250lm - 4,650lm	<16



\*H = 48mm including driver

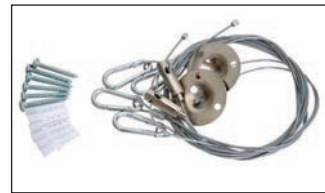
For ordering guide please visit page 112.

sylvania-lighting.com



# SYLVANIA Panel Accessories

## START eco Panel and START Panel



START Flat Panel LED Suspension Kit



Plasterboard Ceiling Frame 1200x300



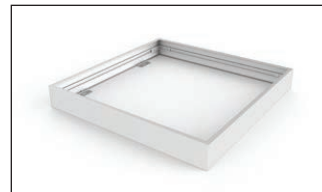
Plasterboard Ceiling Frame 600x600



Emergency Pack Standard 6V-55V



START eco Panel Mounting Clips 4pcs



Surface Mounting Kit 600x600x70mm

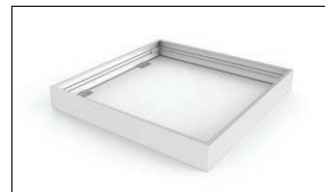


Surface Mounting Kit 600x600x70mm



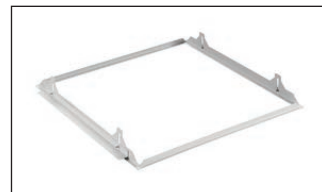
Startled Suspension Frame 600x600

## START Panel Multipower



Surface Mounting Kit 600x600x70mm

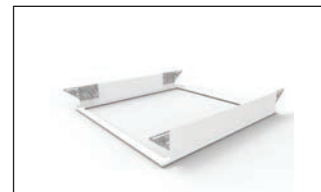
\* Battery warranty 1 year



Plasterboard Ceiling Frame 600x600

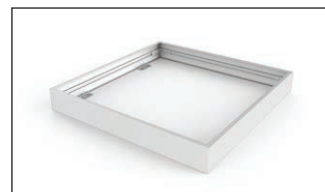


Emergency Pack Standard 50V-240V\*



Startled Suspension Frame 600x600

## Sylvania Quadro



Surface Mounting Kit 600x600x70mm



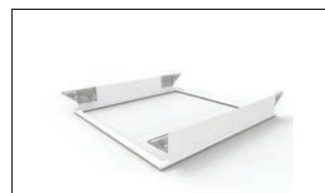
Plasterboard Ceiling Frame 600x600



Emergency Pack Standard 50V-240V\*



START Flat Panel LED Suspension Kit



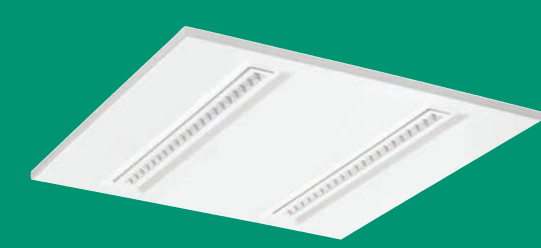
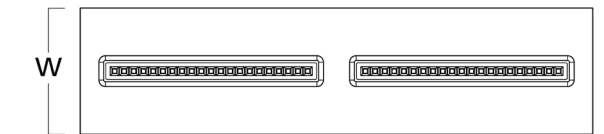
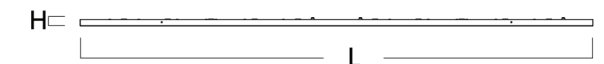
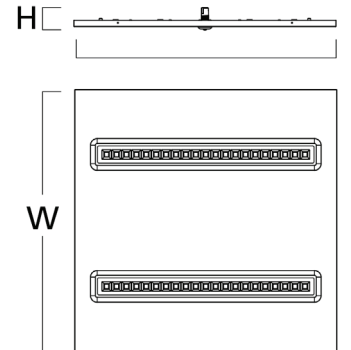
Startled Suspension Frame 600x600

# SYLVANIA OptiClip



## Features

- Modular and interchangeable light engines
- Efficacy up to 131 lm/W
- Illumination is less than 1800 cd/m<sup>2</sup> at 65°
- Low LED flicker <5%
- Body: sheet steel painted white (RAL9016)
- Light engine: polycarbonate
- Available in 4000K or 3000K
- Long lifespan: 60,000 hours (L70B50)

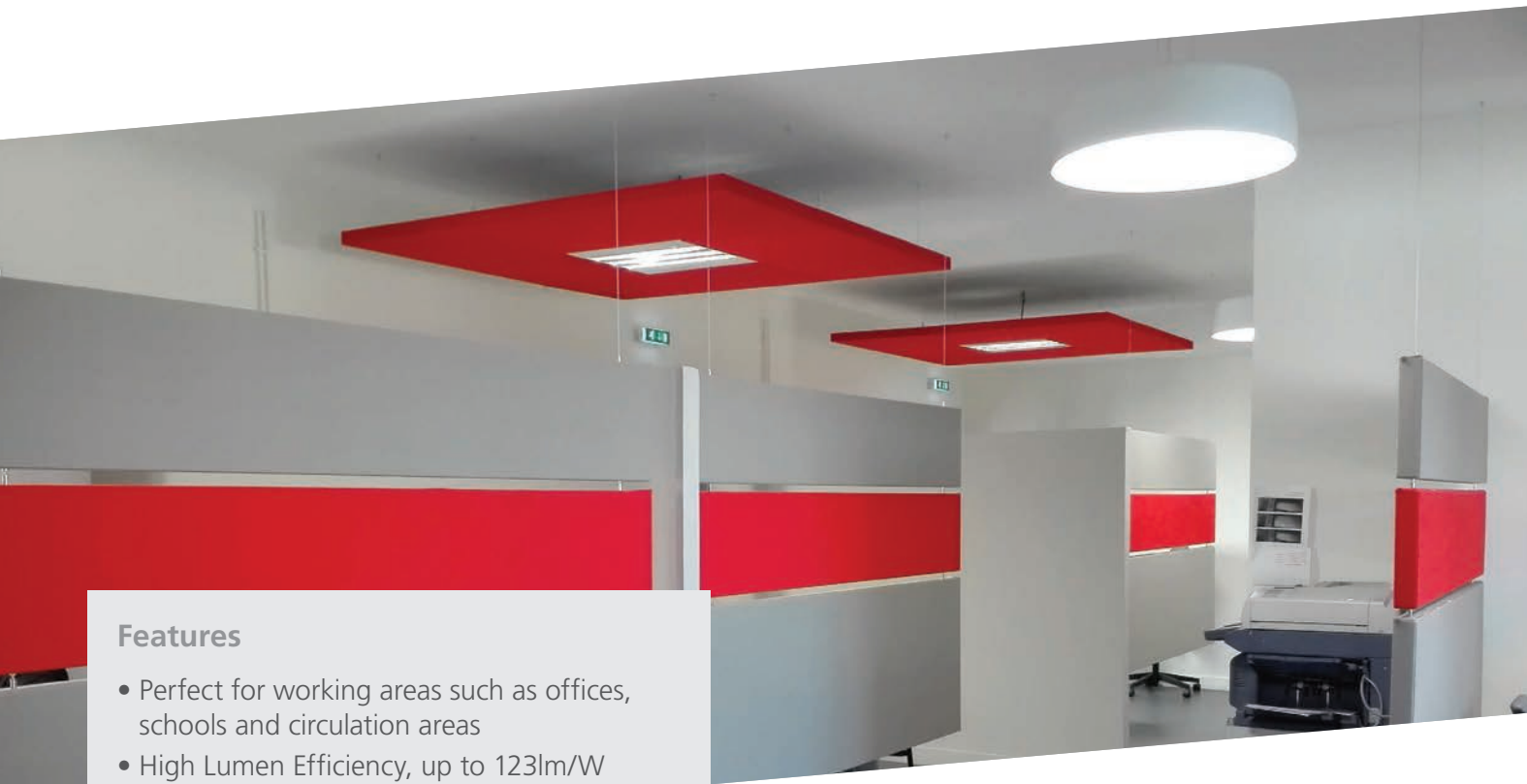


Size (W x L x H)	Wattage	Lumen	UGR
595mm x 595mm x 20 mm	27W	3,300lm	<17
1195mm x 295mm x 20mm	27W	3,100lm	<19
620mm x 620mm x 20mm	27W	3,300lm	<17
1245mm x 307.5mm x 20mm	27W	3,350lm	<19

For ordering guide please visit page 113.

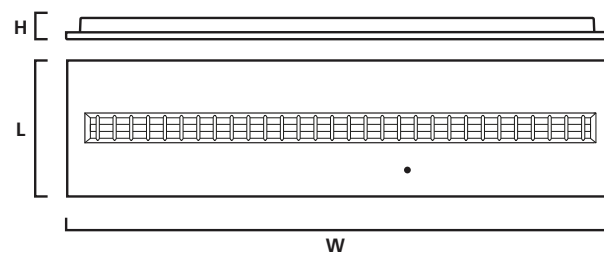
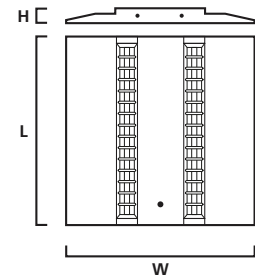


# SYLVANIA Rana NEO Recessed



## Features

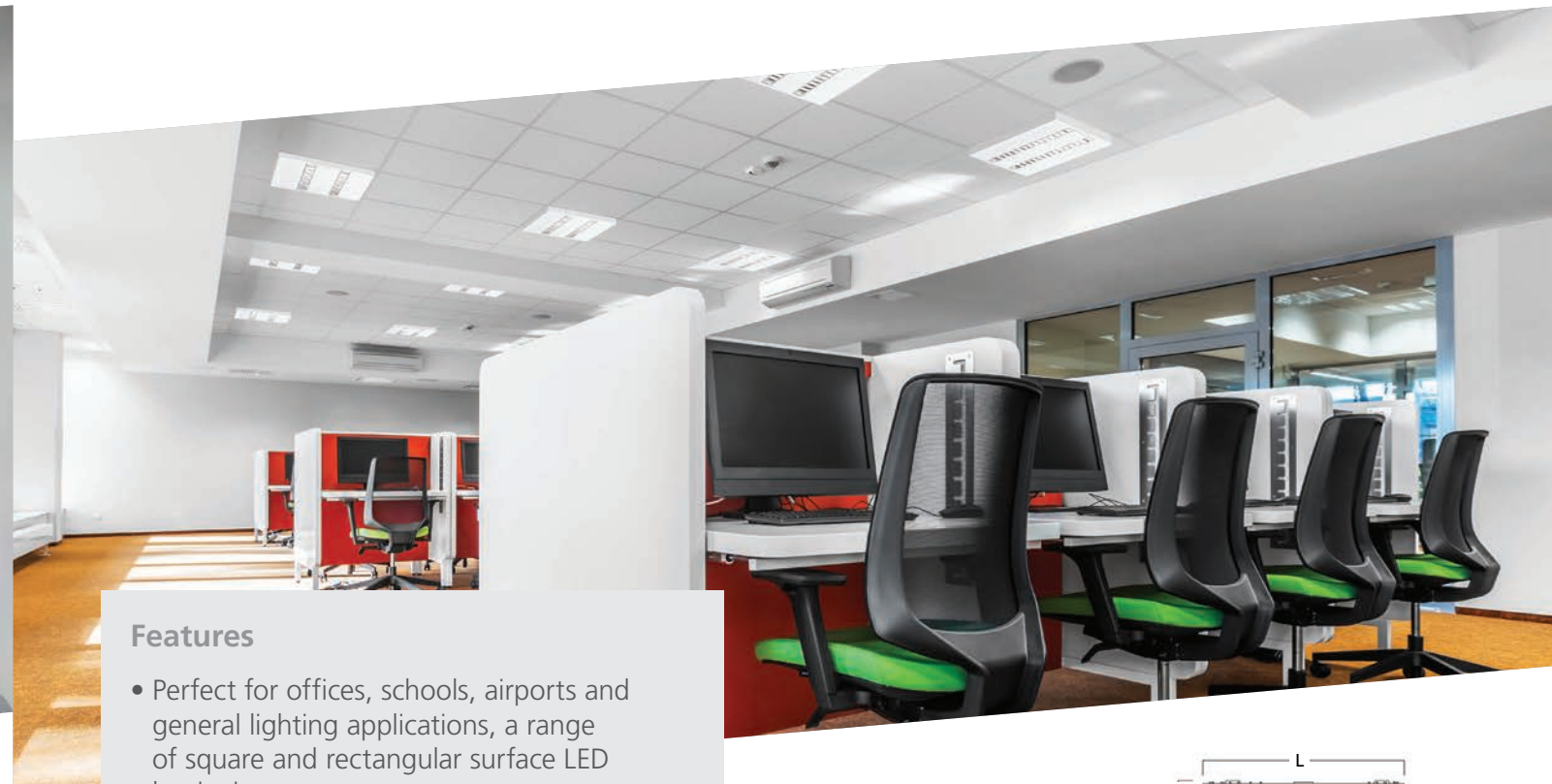
- Perfect for working areas such as offices, schools and circulation areas
- High Lumen Efficiency, up to 123lm/W
- Sleek and unobtrusive square profile design, to blend into any lighting scheme
- Designed for 600 x 600, 1200 x 300, 625 x 625, 1250 x 310
- Low luminance for Display Screen Equipment (DSE) workstations
- Low LED Flicker (<5%)
- Available in 3,000K or 4,000K
- Long lifespan: 60,000 hours (L70B50)



Size (W x L x H)	Wattage	Lumen	UGR
595mm x 595mm x 52mm	30W	3,527lm	<19
1196mm x 296mm x 51mm	30W	3,761lm	<19
618mm x 618mm x 52mm	30W	3,500lm	<19
1248mm x 308mm x 51mm	30W	3,750lm	<19

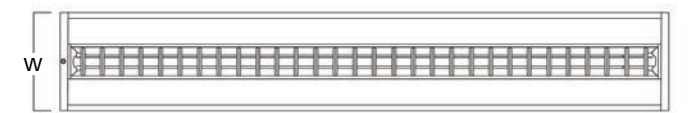
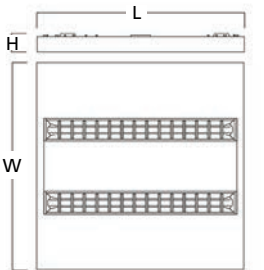


# SYLVANIA Rana Neo Surface & Suspended

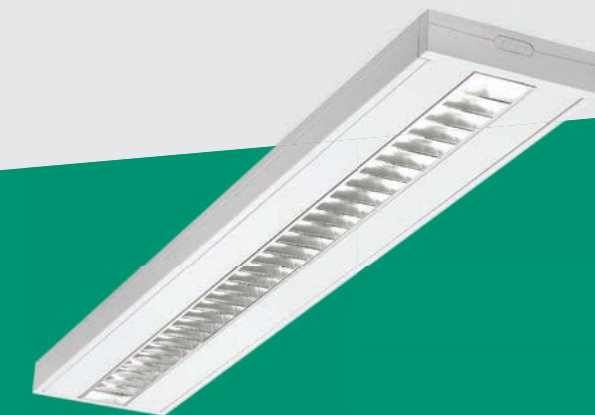


## Features

- Perfect for offices, schools, airports and general lighting applications, a range of square and rectangular surface LED luminaires.
- Sleek and unobtrusive profile design, to mix and match recessed, surface mounted and suspended in a single lighting scheme
- Glow Wire Test: 850°C for all versions - Polycarbonate diffusers are UK TP(a) compliant
- Low LED Flicker (<5%)
- Available in 3,000K or 4,000K
- Long lifespan: 60,000 hours (L70B50)

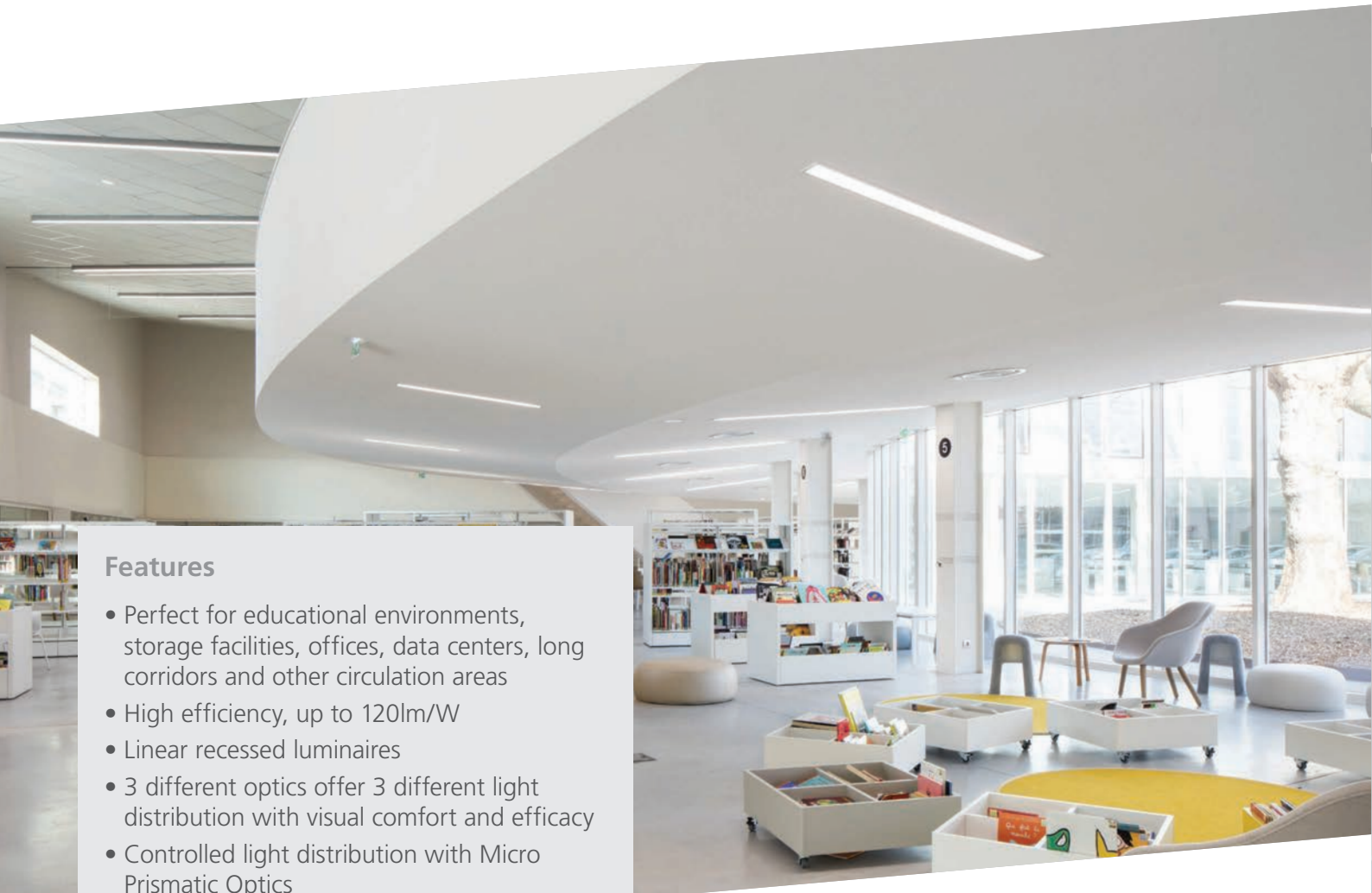


Size (L x W x H)	Wattage	Lumen	UGR
595mm x 595mm x 52mm	30-33W	3,350lm	<15
618mm x 618mm x 52mm	30-33W	3,527lm	<15
1196mm x 296mm x 51mm	30-33W	3,270lm	<18
1246mm x 308mm x 51mm	30-33W	3,761lm	<18





# SYLVANIA Rana Linear Recessed



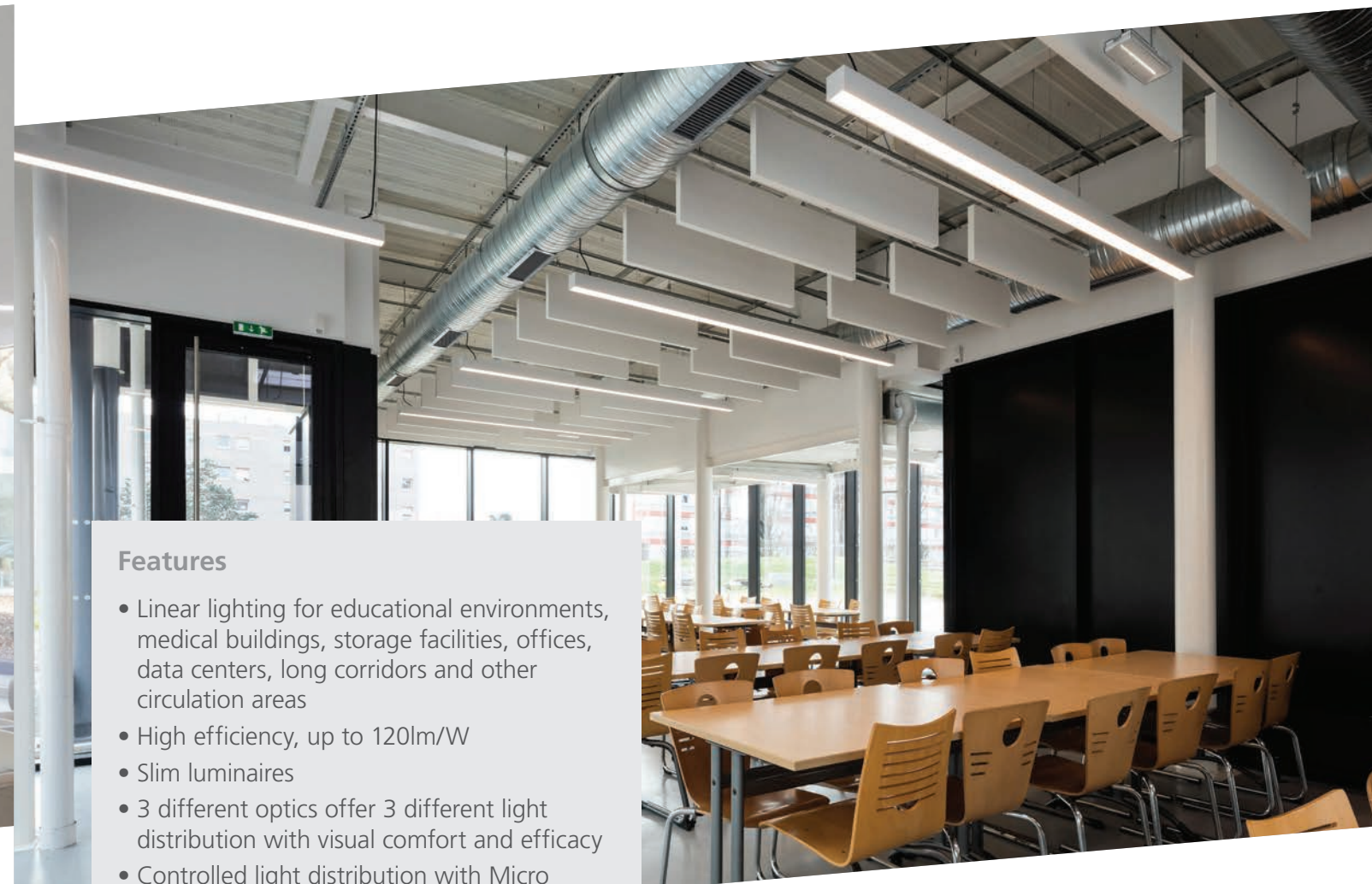
## Features

- Perfect for educational environments, storage facilities, offices, data centers, long corridors and other circulation areas
- High efficiency, up to 120lm/W
- Linear recessed luminaires
- 3 different optics offer 3 different light distribution with visual comfort and efficacy
- Controlled light distribution with Micro Prismatic Optics
- Optimal visual comfort (UGR<19) with Louvre + Prismatic Optics
- Pure line of light with Opal diffuser
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Version	Wattage	Lumen	UGR
1154mm x 90mm x 91mm	MPO	31W	3,100lm	<21
1154mm x 90mm x 91mm	LOUV+PRI	27W	3,250lm	<19
1154mm x 90mm x 91mm	OPAL D	31W	3,270lm	<23

# SYLVANIA Rana Linear Surface & Suspended



## Features

- Linear lighting for educational environments, medical buildings, storage facilities, offices, data centers, long corridors and other circulation areas
- High efficiency, up to 120lm/W
- Slim luminaires
- 3 different optics offer 3 different light distribution with visual comfort and efficacy
- Controlled light distribution with Micro Prismatic Optics
- Optimal visual comfort (UGR<19) with Louvre + Prismatic Optics
- Pure line of light with Opal diffuser
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Version	Wattage	Lumen	UGR
1150mm x 87mm x 87mm	MPO	31W	3,100lm	<21
1150mm x 87mm x 87mm	LOUV+PRI	27W	3,250lm	<19
1150mm x 87mm x 87mm	OPAL D 31	31W	3,270lm	<23



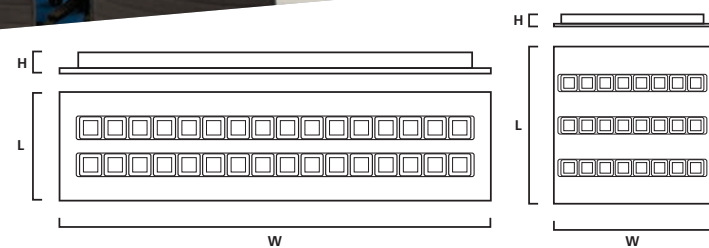


# Concord Optix Recessed



## Features

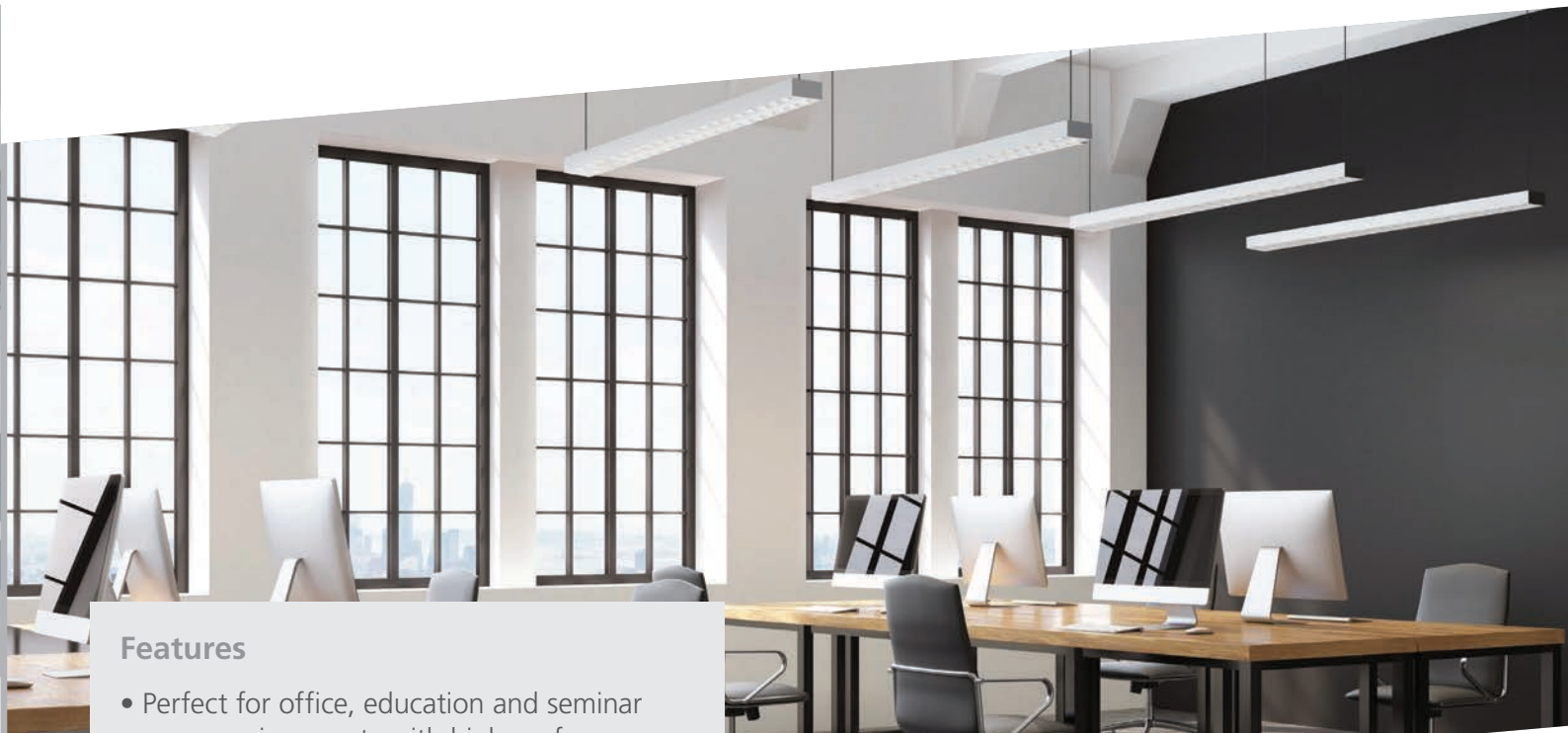
- Designed for office, education and seminar room environments, with high performance glare-controlled optics with optimised diffusers and reflectors
- High efficiency, up to 147lm/W
- Glare control optics available in two finishes (UGR<16 with aluminised optics, UGR<19 with white optics)
- Modular design allows for a range of sizes to suit the building layout
- Low LED flicker <5%
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Wattage	Lumen	UGR
600mm x 600mm x 38mm	21W	2,800lm	<16
600mm x 600mm x 38mm	20W	2,850lm	<19
600mm x 600mm x 38mm	26W	3,400lm	<16
600mm x 600mm x 38mm	23W	3,350lm	<19
600mm x 600mm x 38mm	33W	4,500lm	<16
600mm x 600mm x 38mm	31W	4,550lm	<19
625mm x 625mm x 38mm	26W	3,600lm	<16
625mm x 625mm x 38mm	24W	3,450lm	<19
1200mm x 300mm x 38mm	26W	3,600lm	<16
1200mm x 300mm x 38mm	24W	3,450lm	<19
1250mm x 310mm x 38mm	26W	3,600lm	<16
1250mm x 310mm x 38mm	24W	3,450lm	<19

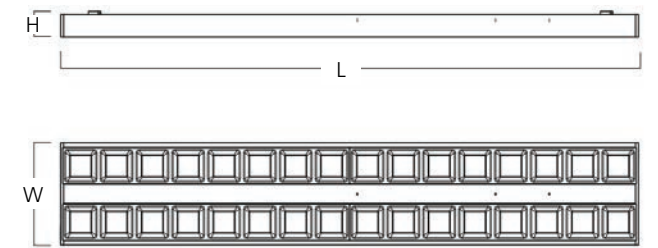


# Concord Optix Surface & Suspended

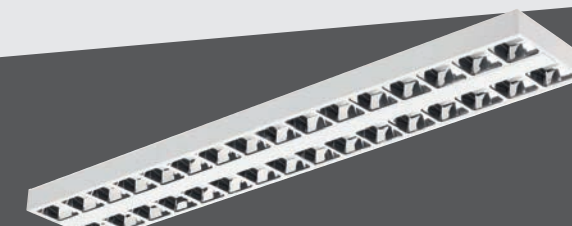


## Features

- Perfect for office, education and seminar room environments, with high performance glare-controlled optics with optimised diffusers and reflectors
- High efficiency, up to 160 lm/W
- Surface and Suspended mounted versions of the Optix family
- Suspended luminaires available with Direct / Indirect lighting for visual comfort
- Low LED flicker <5%
- Glare control optics available in two finishes (UGR<16 with aluminised optics, UGR<19 with white optics)
- Available in 3,000K or 4,000K
- Suspension accessories are separately available based on installation needs
- Continuous line mounting and through wiring options available with accessories
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Lighting Distribution	Wattage	Lumen	UGR
1130mm x 200mm x 50mm	D	26W	3,600lm	<16
1130mm x 200mm x 50mm	D	23W	3,600lm	<19
1130mm x 200mm x 50mm	D/I	29W	4,100lm	<16
1130mm x 200mm x 50mm	D/I	25W	4,100lm	<19
1130mm x 200mm x 50mm	D/I	36W	5,600lm	<16
1130mm x 200mm x 50mm	D/I	35W	5,600lm	<19
1410mm x 200mm x 50mm	D/I	49W	7,000lm	<14
1410mm x 200mm x 50mm	D/I	44W	7,000lm	<19





# Concord Optix Asymmetric Recessed



## Features

- Perfect for office, education and seminar room environments
- High efficacy up to 116 lm/W
- Low LED Flicker <5%
- Available in 3000K or 4000K
- Long lifespan: 100.000 hours (L70B50)



Size (W x L x H)	Wattage	Lumen
293mm x 1196mm x 52mm	30W	3,480lm

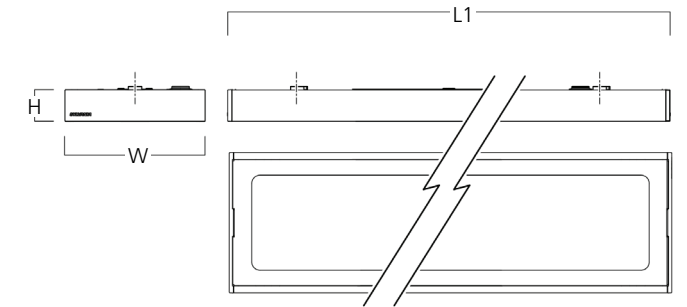


# Concord Optix Asymmetric Surface & Suspended



## Features

- Perfect for office, education and seminar room environments
- High efficacy up to 116 lm/W
- Low LED Flicker <5%
- Available in 3000K or 4000K
- Long lifespan: 100.000 hours (L70B50)

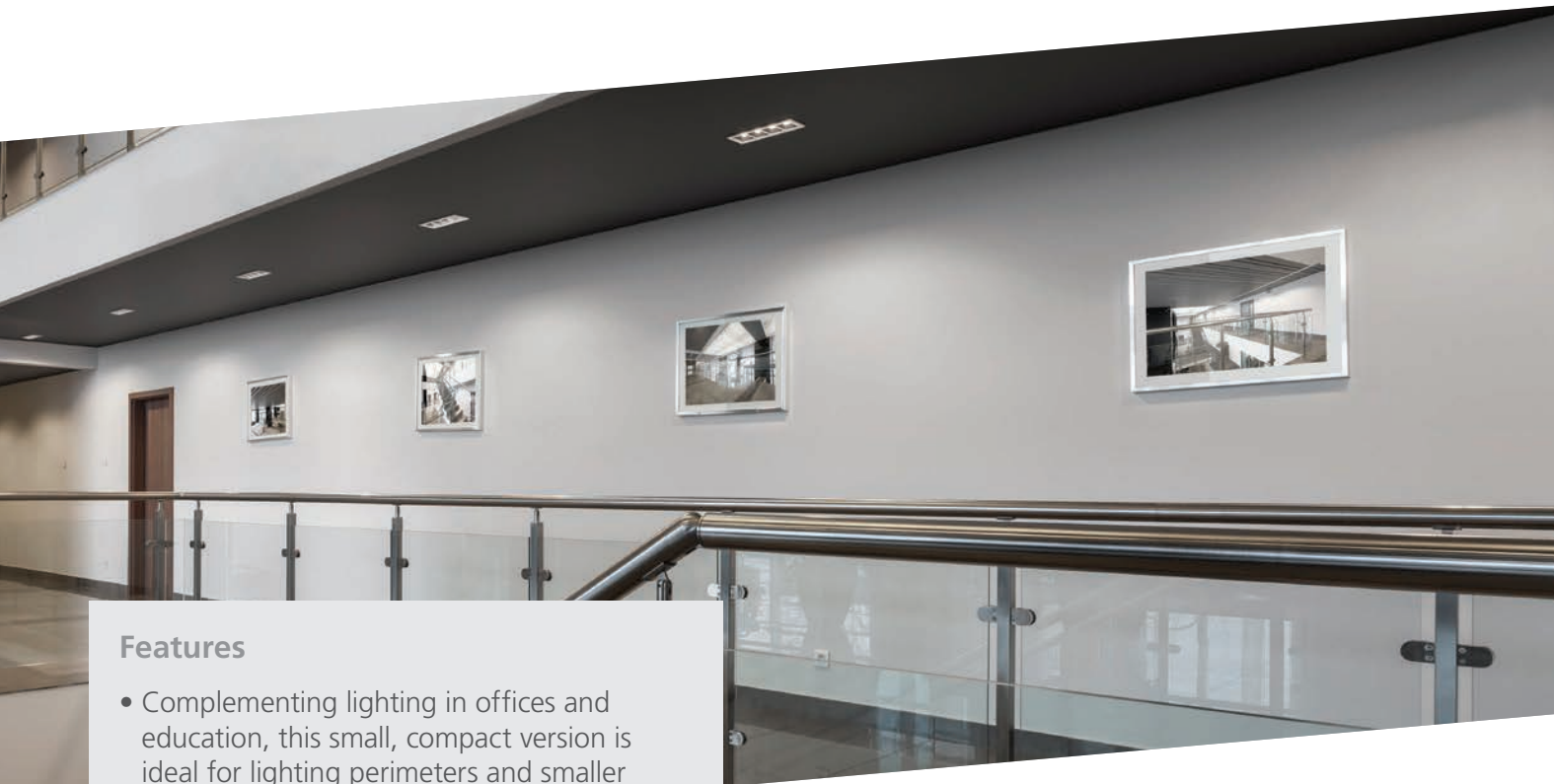


Size (L x W x H)	Wattage	Lumen
1200mm x 200mm x 50mm	23W	2,863lm
1200mm x 200mm x 50mm	30W	3,550lm
1200mm x 200mm x 50mm	36W	4,990lm
1200mm x 200mm x 50mm	44W	5,770lm



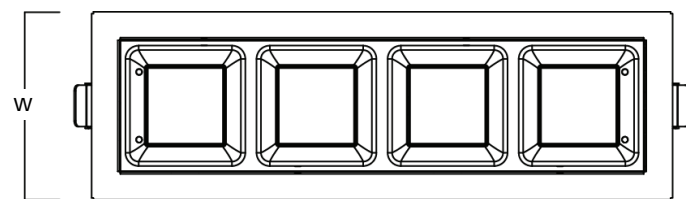
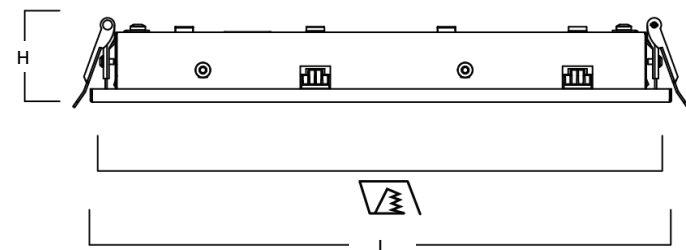


# Concord Optix 4 Cells



## Features

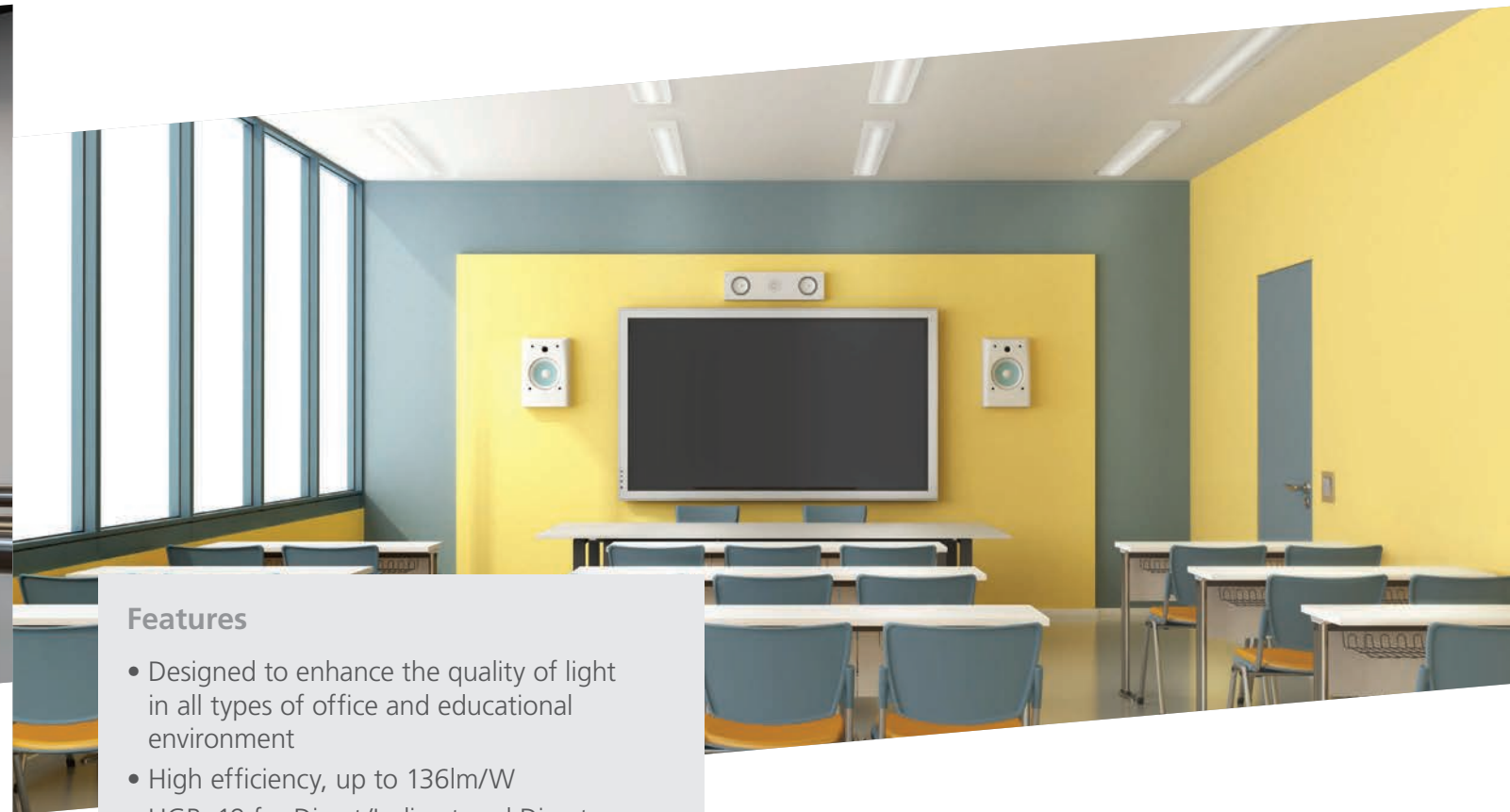
- Complementing lighting in offices and education, this small, compact version is ideal for lighting perimeters and smaller spaces. High efficiency, up to 122lm/W
- High quality steel housing, plastic optical unit and reflector
- Optics available in two finishes (office compliant UGR<18 with aluminised optics, white optic makes lighting more visible for a brighter ceiling)
- Modular design allows for a range of sizes to suit the building layout
- Low LED flicker <5%
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Cutout	Wattage	Lumen	UGR
310mm x 100mm x 45 mm	305 x 82	9W	1,098lm	<22
310mm x 100mm x 45 mm	305 x 82	9W	1,010lm	<18

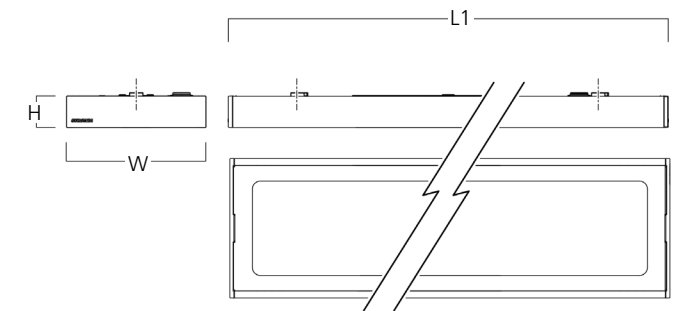


# Concord Optix MPO Surface & Suspended



## Features

- Designed to enhance the quality of light in all types of office and educational environment
- High efficiency, up to 136lm/W
- UGR<19 for Direct/Indirect and Direct standard output
- Direct and Direct/indirect light distribution
- Direct version can be surface and suspended
- Direct/Indirect version is suspended
- Standard and high lumen option up to 5750lm
- Body: sheet steel painted white (RAL9016)
- Optic: micro-prismatic acrylic diffuser
- Available in 4,000K
- Long lifespan: 60,000 hours (L70B50)



Size (L x W x H)	Wattage	Lumen	UGR
1200mm x 200mm x 50mm	23W	2,863lm	<19
1200mm x 200mm x 50mm	30W	3,550lm	<19
1200mm x 200mm x 50mm	36W	4,990lm	<19
1200mm x 200mm x 50mm	44W	5,770lm	<19

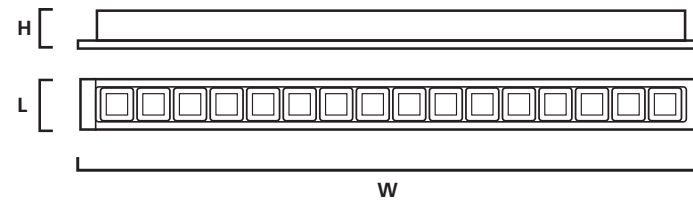


# Concord Optix Linear Recessed



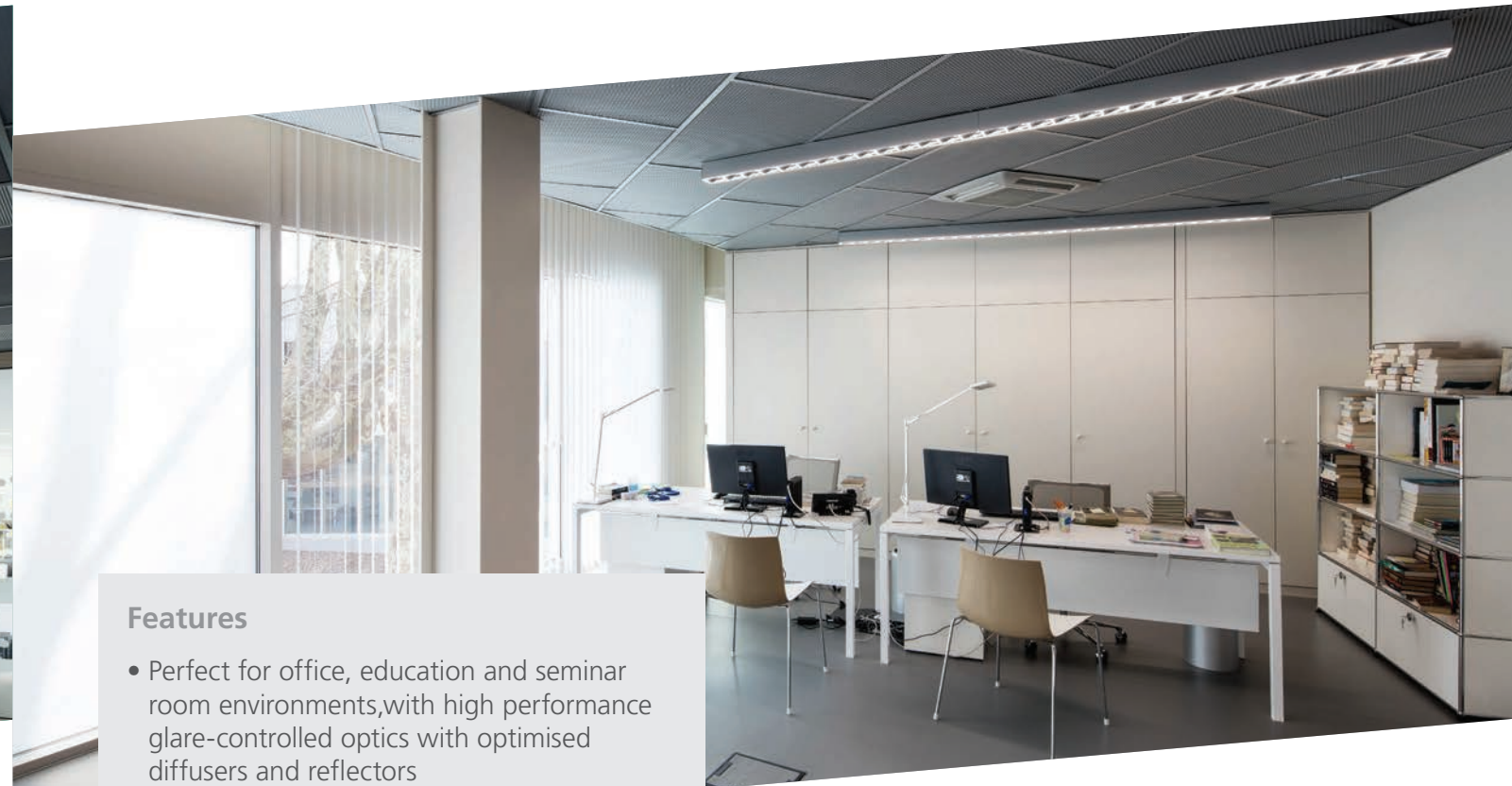
## Features

- Linear lighting for office, education and seminar room environments, with high performance glare-controlled optics with optimised diffusers and reflectors
- High efficiency, up to 131lm/W (4,000K - CRI80)
- Glare control optics available in two finishes (UGR <16 with aluminised optics, UGR <19 with white optics)
- Modular design allows for lengths to be joined to suit the building layout
- Continuous line mounting and through wiring options available with accessories
- Low LED flicker <5%
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



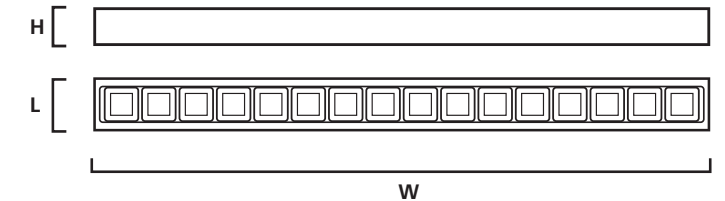
Size (W x L x H)	Wattage	Lumen	UGR
1200mm x 90mm x 89mm	26W	3,400lm	<19

# Concord Optix Linear Surface & Suspended



## Features

- Perfect for office, education and seminar room environments, with high performance glare-controlled optics with optimised diffusers and reflectors
- High efficiency, up to 145lm/W
- Suspension accessories are separately available based on installation needs
- Aluminised and white optics for UGR<16 and UGR<21 respectively
- Low LED flicker <5%
- Continuous line mounting and through wiring options available with accessories
- Mechanical, suspending and through wiring accessories available on request
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)



Size (W x L x H)	Lighting Distribution	Wattage	Lumen	UGR
1130mm x 90mm x 86mm	D	26W	3,400lm	<16
1130mm x 90mm x 86mm	D/I	31W	4,500lm	<16





# SYLVANIA Rana Accessories

## Sylvania Rana Neo Recessed / Surface and Suspended



Suspension Kit      Power Score Set      TW Core Set      Ceiling Rose

Line Clips      Plasterboard 600x600      Plasterboard Ceiling Frame 1200x300      Universal Suspension Kit

## Sylvania Rana Linear Recessed / Surface and Suspended



Bracket      TW Power      Metallic Plate      Diffuser PC

Suspension Power      Suspension Y Kit      Suspension Y Kit + TW Power

# Concord Optix Accessories

## Sylvania Optix Recessed / Surface and Suspended



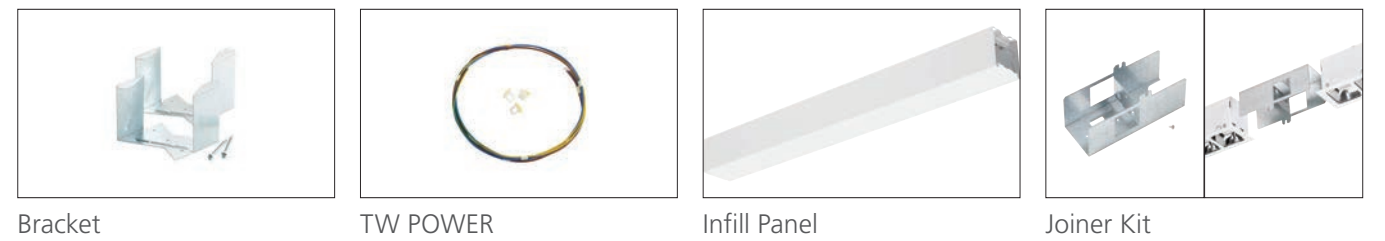
Pull Up Kit      Surface Mounting Kit 600x600      Plasterboard 600x600      Plasterboard Ceiling Frame 1200x300

Universal Suspension Kit      Suspension Power      Ceiling Rose      Infill Panel



TW Power      Plastic Joining Kit

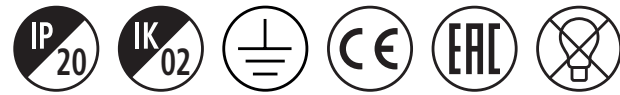
## Concord Optix Linear Recessed / Surface and Suspended



Bracket      TW POWER      Infill Panel      Joiner Kit

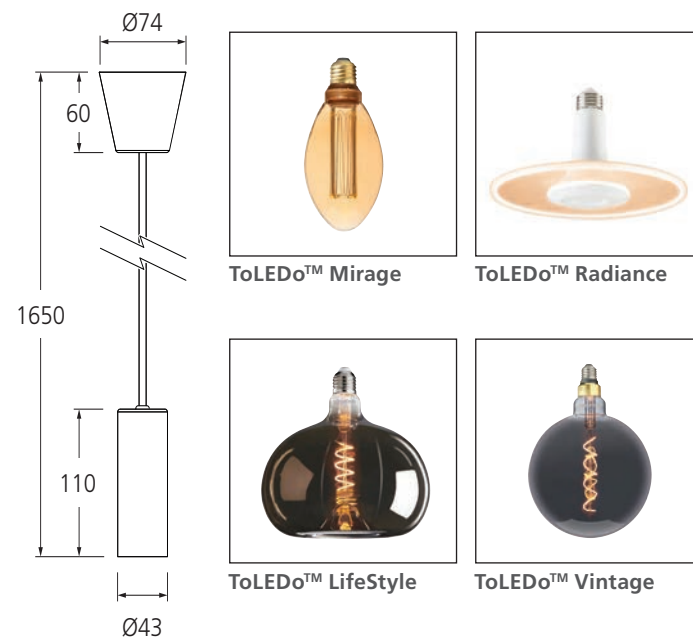


# SYLVANIA SylPendant



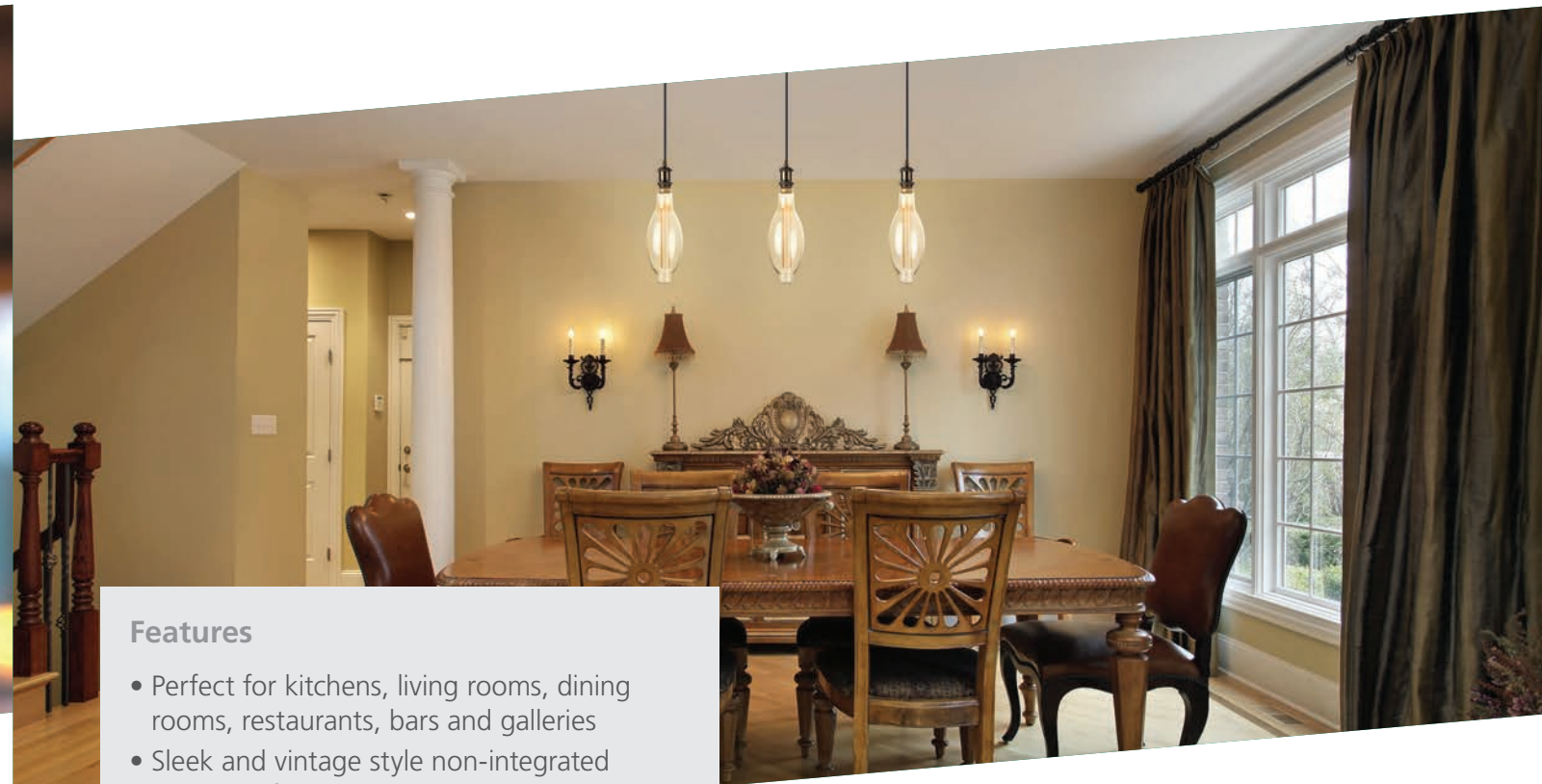
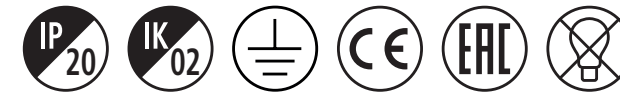
## Features

- Ideal for providing decorative features in hospitality areas, bars and restaurants as well as in living rooms or reception spaces
- Sleek and compact metal pendant with the E27 socket
- Designed specifically to enhance the aesthetic of the room
- Modern and versatile design
- Available in black, brass, copper and white finish
- Maximum rated LED lamp wattage = 25W
- Perfect for Sylvania lampnaire range, compatible with Sylvania pendant lamps



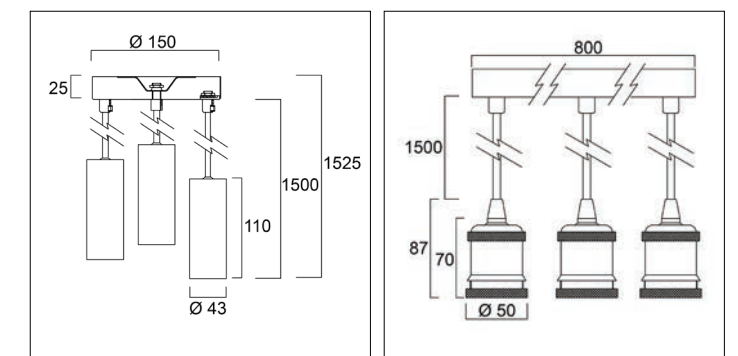
\* See Sylvania Lamps Catalogue for full lamps range

# SYLVANIA SylPendant Vintage



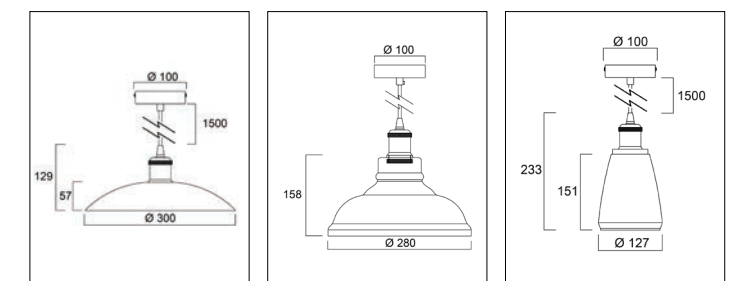
## Features

- Perfect for kitchens, living rooms, dining rooms, restaurants, bars and galleries
- Sleek and vintage style non-integrated pendants for decorative and general lighting applications
- Metal housing with premium fit and finish
- Adjustable black fabric cable included
- A choice of single or triple pendant fittings
- Maximum recommended LED lamp wattage: 25W, E27 lamp base
- Easy-to-install with an Edison screw cap
- Perfect for Sylvania lampnaire range, compatible with Sylvania pendant lamps



Sylpendant Trio

Vintage Trio



Vintage Luna

Vintage Arc

Vintage Flare

\* See Sylvania Lamps Catalogue for full lamps range





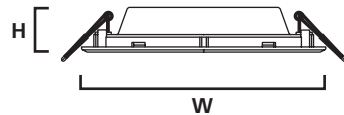
# START<sup>TM</sup> eco Downlight



## Features

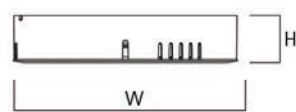
- Ideal for applications such as corridors, back of house and any location that requires long service hours and high switching cycles
- Energy efficient product - up to 93lm/W (Square 1,400lm 4,000K version)
- Recessed and Surface versions
- Available in Round and Square
- Slim design:
  - Shallow recess depth of 38mm
  - Surfaced mounted height of 45mm
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)

## Recessed



Size (W x H)	Cut Out	Wattage	Lumen
ø115mm x 34mm	ø95mm	8W	640lm
ø165mm x 38mm	ø145mm	12W	950lm
ø215mm x 38mm	ø195mm	15W	1,250lm
ø215mm x 38mm	ø195mm	24W	2,100lm
215mm x 215mm x 34mm	ø195mm	15W	1,400lm

## Surface Mounted



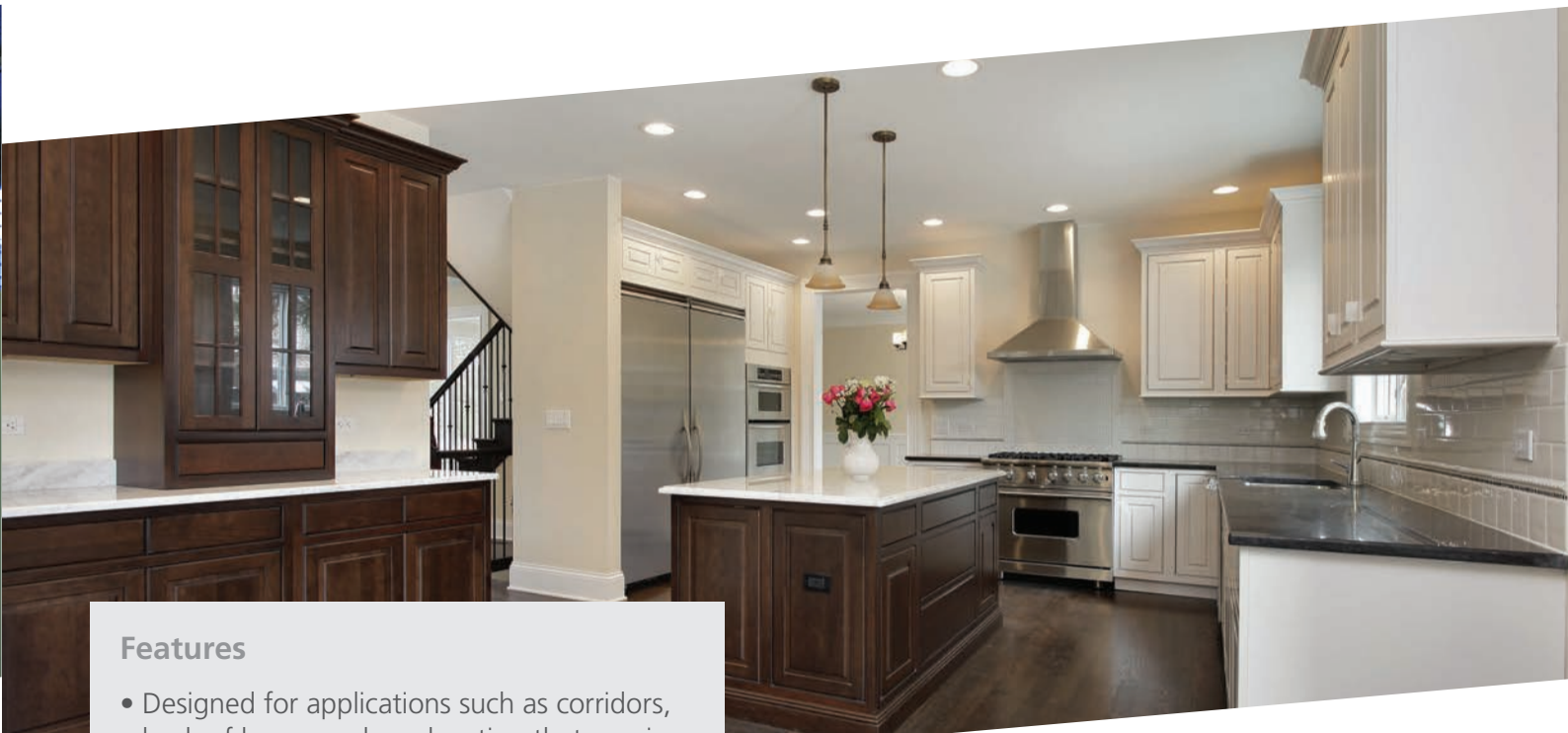
ø165mm x 44.5mm	-	12W	950lm
ø215mm x 45mm	-	15W	1,250lm
ø215mm x 45mm	-	24W	2,100lm
215mm x 215mm x 44.5mm	-	15W	1,400lm



For ordering guide please visit page 130.

sylvania-lighting.com

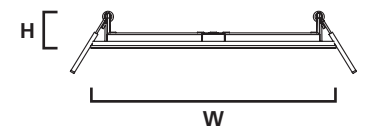
# START<sup>TM</sup> eco Downlight Flat IP44



## Features

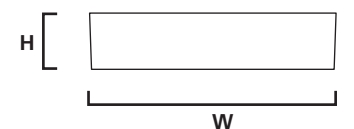
- Designed for applications such as corridors, back of house and any location that requires moisture protection, long service hours and high switching
- Energy efficient product - up to 103lm/W (Round 1,750lm 4,000K version)
- Recessed and Surface versions
- Available in Round and Square
- 3 hour emergency kit available
- Slim design:
  - Shallow recess depth of 21mm
  - Surfaced mounted height of 38mm
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)

## Recessed



Size (W x L x H)	Cut Out	Wattage	Lumen
ø172mm x 21mm	ø155mm	13W	1,100lm
ø226mm x 21mm	ø205mm	18W	1,750lm
ø224mm x 21mm	ø205mm	20W	2,250lm
226mm x 226mm x 21mm	□206mm	18W	1,750lm

## Surface Mounted



ø172mm x 38mm	-	13W	1,150lm
ø226mm x 38mm	-	17W	1,750lm

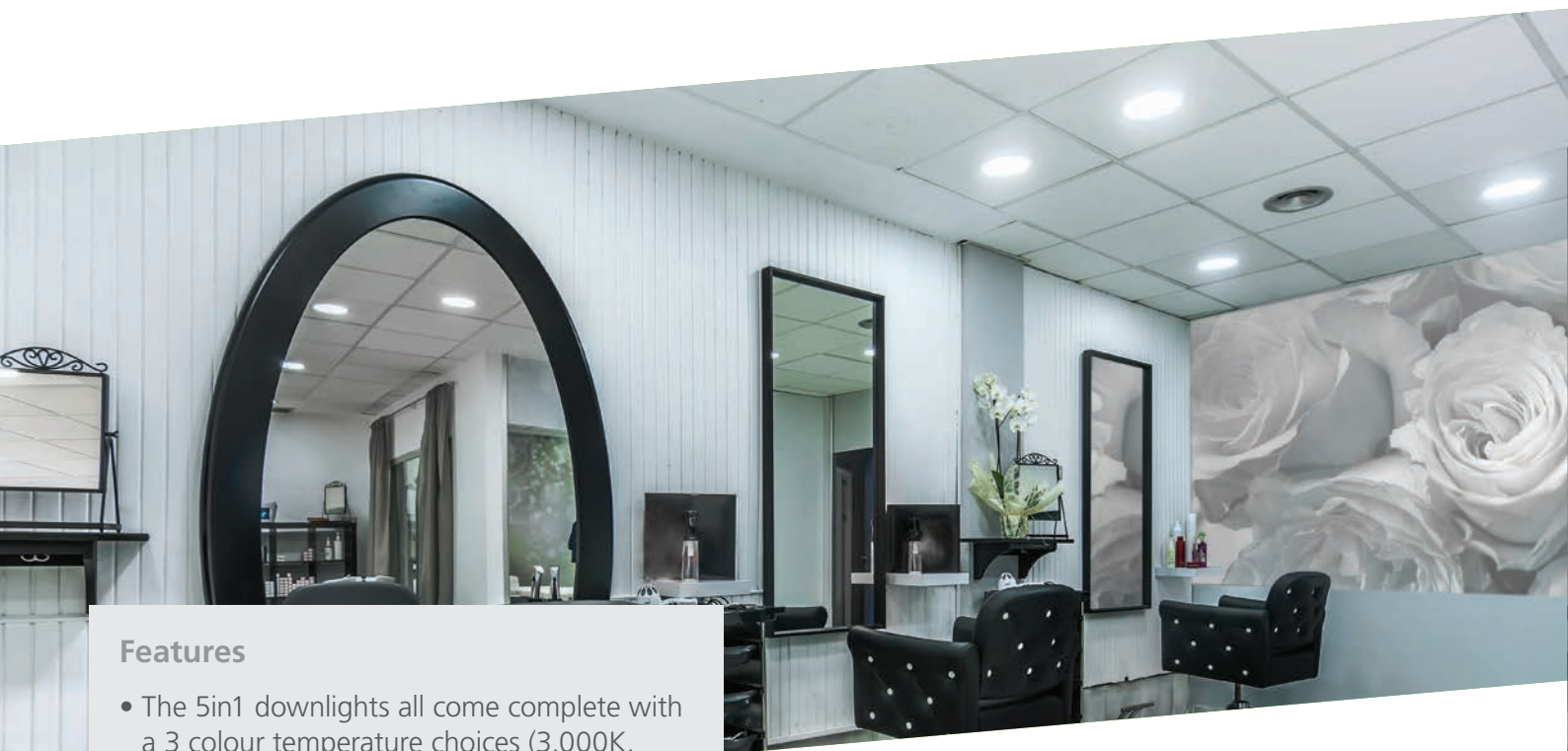


For ordering guide please visit page 130.

sylvania-lighting.com



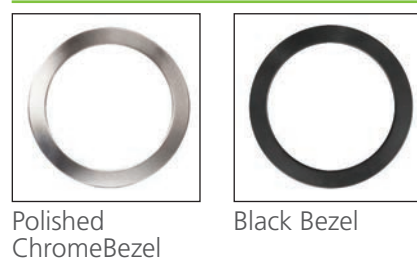
# START<sup>TM</sup> eco Downlight 5in1



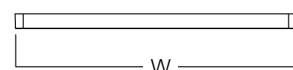
## Features

- The 5in1 downlights all come complete with a 3 colour temperature choices (3,000K, 4,000K and 6,500K selected via a 3-way switch located on the back of the fixture) and two mounting methods (recessed or surface mounted)
- A choice 6 different sizes allow for a lumen output of 600lm up to 2,500lm
- Perfect for retro fit applications
- Adjustable mounting bracket allows for each luminaire to retro fit into a range of existing ceiling cut-out sizes
- PIR sensor version available with adjustable time and lumen levels
- Loop-in/Loop-out box included for ease of installation
- Lifespan: 30,000 hours (L70B50)

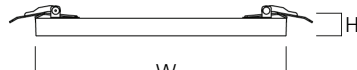
## Accessories



## Square



## Round



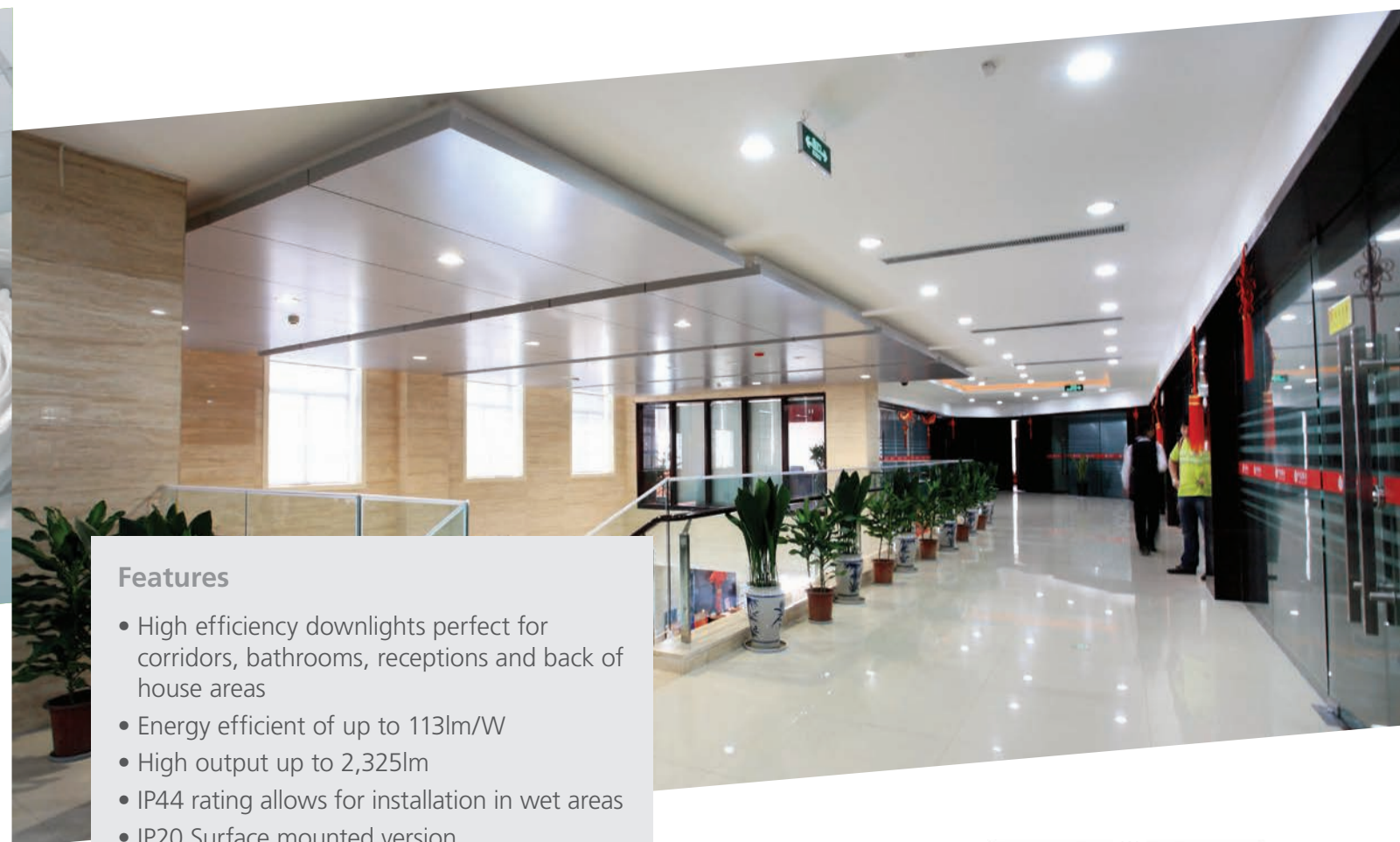
Size (W x L x H)	Cut Out	Wattage	Lumen
ø164mm x 15mm	ø50-125mm	6W	600lm
ø164mm x 15mm	ø50-125mm	11W	1,150lm
ø217mm x 15mm	ø55-175mm	18W	1,850lm
ø292mm x 15mm	ø55-250mm	18W	1,900lm
ø292mm x 15mm	ø55-250mm	23W	2,500lm
ø217mm x 15mm	ø55-175mm	21W	2,000lm
293mm x 293mm x 15mm	55-250mm	24W	2,100lm



For ordering guide please visit page 131.

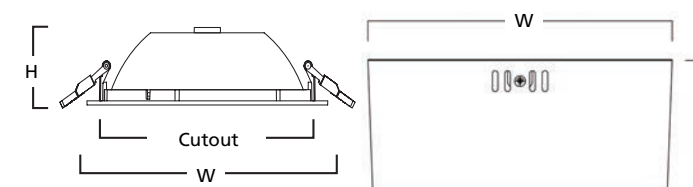
sylvania-lighting.com

# START<sup>TM</sup> Downlight IP44



## Features

- High efficiency downlights perfect for corridors, bathrooms, receptions and back of house areas
- Energy efficient of up to 113lm/W
- High output up to 2,325lm
- IP44 rating allows for installation in wet areas
- IP20 Surface mounted version
- 3 hour emergency pack available
- Loop in-Loop out facility with push fit terminal block for quick wiring
- Shallow recess depth of <65mm
- Available in 3,000K or 4,000K
- Long lifespan: 100,000 hours (L70B50)



Size (W x L x H)	Cut Out	Wattage	Lumen
ø109mm x 38mm	ø90mm	7,8W	880lm
ø164mm x 45mm	ø150mm	12W	1,175lm
ø195mm x 55mm	ø175mm	15W	1,525lm
ø220mm x 60mm	ø205mm	21W	2,025lm
ø240mm x 65mm	ø225mm	24W	2,325lm
<b>NEW</b> ø160mm x 95mm	-	12W	1,175lm
<b>NEW</b> ø240mm x 65mm	-	21W	2,025lm



For ordering guide please visit page 131.

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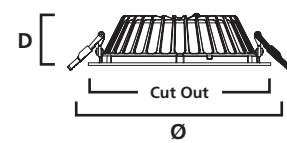
# SYLVANIA Insaver Slim



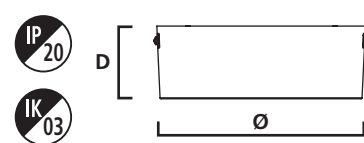
## Features

- High performance downlights perfect for corridors, bathrooms, receptions and office applications requiring additional glare control (UGR<19 for up to 20W)
- Energy efficient product - up to 124lm/W (Round 4,950lm 4,000K version)
- IP44 rating allows for installation in wet areas
- Recessed and Surface versions
- Available in Round and Square
- Multipower option for 225mm cut out available with lumens 1,000-2,230lm
- 3 hour emergency pack available
- Slim design:
  - Shallow recess depth of 60mm
  - Surfaced mounted height of 94mm
- Available in 3,000K or 4,000K
- Long lifespan: 90,000 hours (L70B50)

### Round Recessed

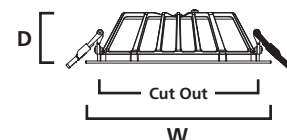


### Round Surface Mounted\*



	Size (Ø x D)	Cut Out	Wattage	Lumen	UGR
	Ø165mm x 50mm	Ø150mm	9W	1,075lm	<19
	Ø195mm x 60mm	Ø175mm	13W	1,600lm	<19
	Ø220mm x 60mm	Ø205mm	20W	2,400lm	<19
<b>NEW</b>	Ø240mm x 60mm	Ø225mm	7.7 - 17W	1060 - 2230lm	<19
<b>NEW</b>	Ø195mm x 50mm	Ø175mm	9W	1,075lm	<19
	Ø240mm x 60mm	Ø225mm	25W	3,050lm	<21
	Ø240mm x 60mm	Ø225mm	33W	4,100lm	<21
	Ø240mm x 60mm	Ø225mm	40W	4,950lm	<21
	*Ø164mm x 94mm	Ø150mm	9W	1,075lm	<19
	*Ø220mm x 94mm	Ø220mm	20W	2,400lm	<19

### Square



	Size (W x D)	Cut Out	Wattage	Lumen	UGR
	167mm x 167mm x 50mm	Ø150mm	9W	1,025lm	<19
	217mm x 217mm x 60mm	Ø200mm	20W	2,400lm	<19



For ordering guide please visit page 133.

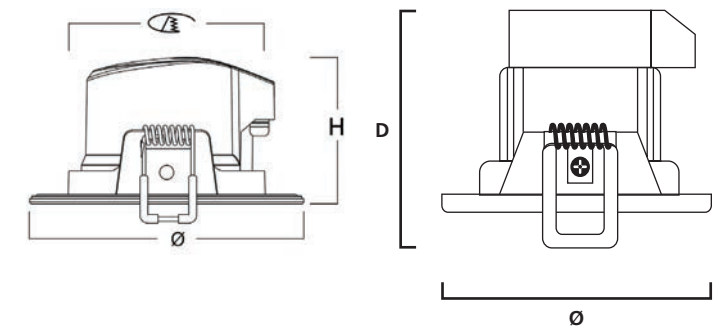
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# START eco Spot IP44 / IP65



## Features

- Integrated LED accent downlight for a range a residential applications
- High performance, up to 96 lm/W
- New improved lower profile of 47mm and loop-in/loop-out wiring with fast terminals
- Additional silver bezel ring with fast snapon mounting included with product
- IP44 version tiltable to 30 degrees, with beam angle of 38 degrees from unique lens design
- IP65 version fixed with frosted lens, beam angle 100°
- Cut-out of 68-74mm allows direct replacement of most halogen spots installation on the market
- Non dimmable or dimmable with leading edge / trailing edge dimmers
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)



Size (Ø x D)	Cut Out	Wattage	Lumen	IP Rating
Ø87mm x 47mm	Ø68-74mm	5W	480lm	IP44
Ø87mm x 47mm	Ø68-74mm	6.5W	600lm	IP65
Ø87mm x 47mm	Ø68-74mm	5.5W	480lm	IP44
Ø87mm x 47mm	Ø68-74mm	7W	600lm	IP65
Ø87mm x 47mm	Ø68-74mm	6W	450lm	IP44
Ø87mm x 47mm	Ø68-74mm	7W	630lm	IP65
Ø105mm x 58mm	Ø85-90mm	9W	880lm	IP44
Ø105mm x 58mm	Ø85-90mm	10.5W	950lm	IP65
Ø87mm x 70mm	Ø68-74mm	7W	630lm	IP65



For ordering guide please visit page 134.

sylvania-lighting.com

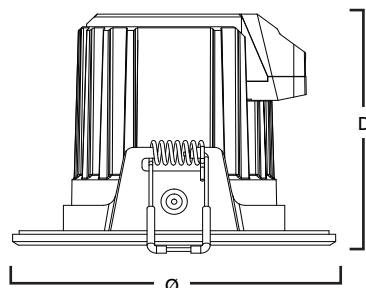


# START<sup>TM</sup> eco Spot Aluminium



## Features

- Suitable for a range of living spaces, kitchens and bathrooms
- Modern, flexible design, IP44 offers a choice of white or brushed aluminium bezels, and tiltable to 30 degrees
- White and Black colour reflectors included as standard for IP44 version
- Fixed IP65 versions with a choice of white or brushed aluminium bezels
- High performance, up to 89lm/W
- Cut-out of 68-72mm, low profile of 64mm and loop-in/loop-out wiring
- Dimmable as standard, leading edge/trailing edge phase dimming
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)



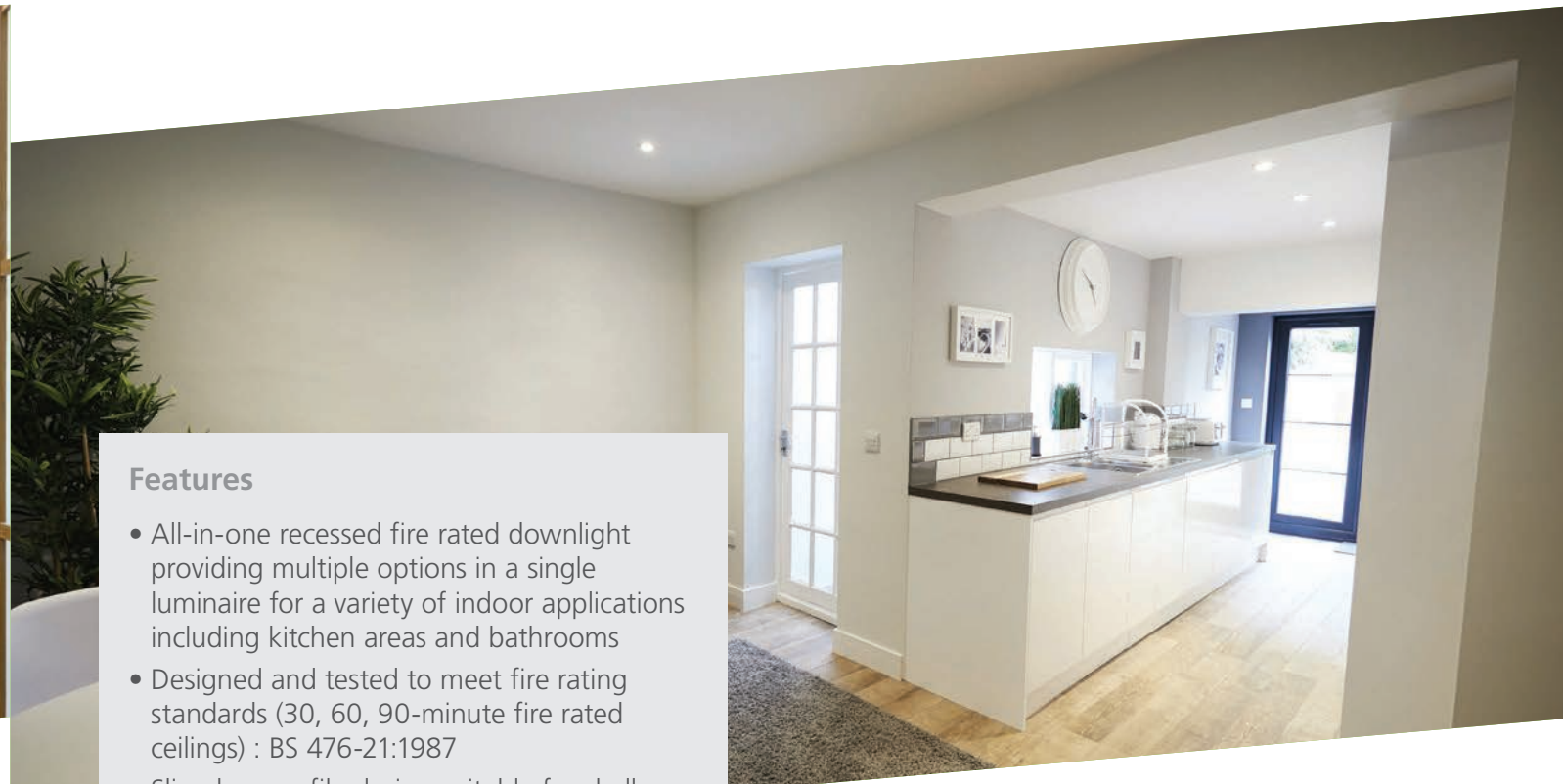
Size (Ø x D)	Cut Out	Wattage	Lumen	IP Rating
ø86mm x 64mm	ø68-72mm	9W	800lm	IP44
ø86mm x 64mm	ø68-72mm	9W	760lm	IP44
ø86mm x 64mm	ø68-72mm	9W	800lm	IP65
ø86mm x 64mm	ø68-72mm	9W	760lm	IP65



For ordering guide please visit page 135.

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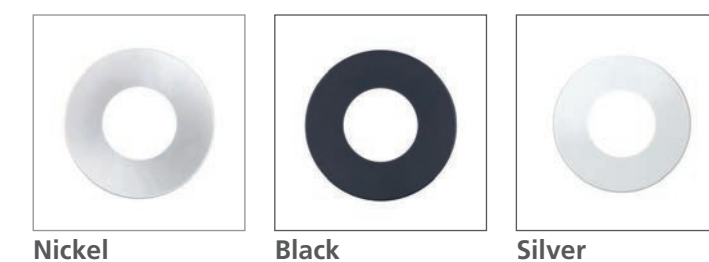
# START<sup>TM</sup> eco Spot IP65 Fire



## Features

- All-in-one recessed fire rated downlight providing multiple options in a single luminaire for a variety of indoor applications including kitchen areas and bathrooms
- Designed and tested to meet fire rating standards (30, 60, 90-minute fire rated ceilings) : BS 476-21:1987
- Slim, low profile design suitable for shallow ceiling voids
- Twist & lock bezel design, White and Chrome included with product
- On board 3 way switch to control colour temperature (3,000K, 4,000K and 6,500K) from the front
- Light output up to 540lm (4,000K), efficiency up to 98lm/W
- Integrated with leading / trailing edge dimmable driver and loop in / loop out wiring box
- Brushed Nickel, Black and Silver bezels available as accessories
- Lifespan: 30,000 hours (L70B50)

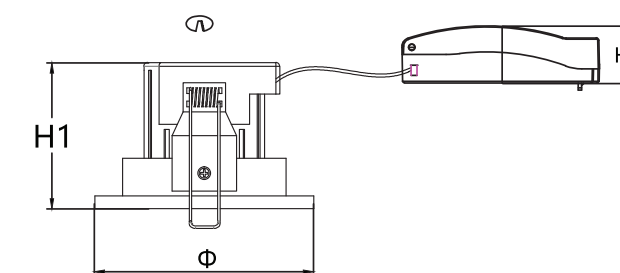
## Bezels



Nickel

Black

Silver



Size (ø x H1 x H2)	Cut Out	Wattage	Lumen
ø87mm x 60mm x 24mm	ø70-75mm	5,5W	540lm



For ordering guide please visit page 135.

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# START Spot Kit and Housing



## Features

- Ideal solution for multiple hospitality and residential applications such as receptions, corridors, restaurants and living areas
- IP44 option can be used in bathrooms, indoor humid areas or outdoor canopies
- Available with Round frame
- A range of modern and compact spotlights. A simple click (IP20) or twist & lock (IP44) to relamp

### START Spot Housing:

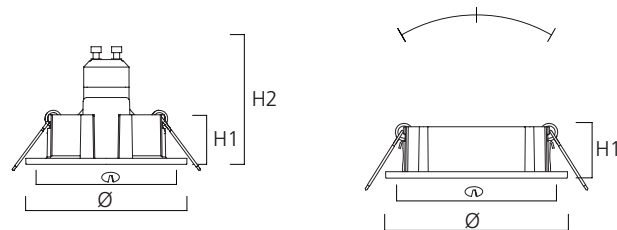
- Recommended to use with any Sylvania GU10 ES50 max 6.5W LED or max 50W halogen spotlight
- GU10 class II socket with loop-in loop-out fast terminal block

### START Spot Kit:

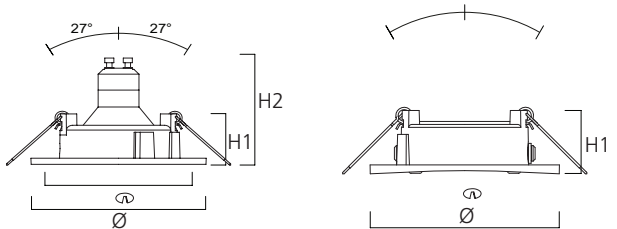
- Comes with a high performance replaceable, dimmable LED GU10 spotlight
- Lumen output 345lm with 69lm/W efficacy
- Full glass bodied lamp
- High endurance switching cycles: >100,000
- Available 3,000K or 4,000K
- Lamp lifespan: 25,000 hours (L70B50)



### IP20 versions

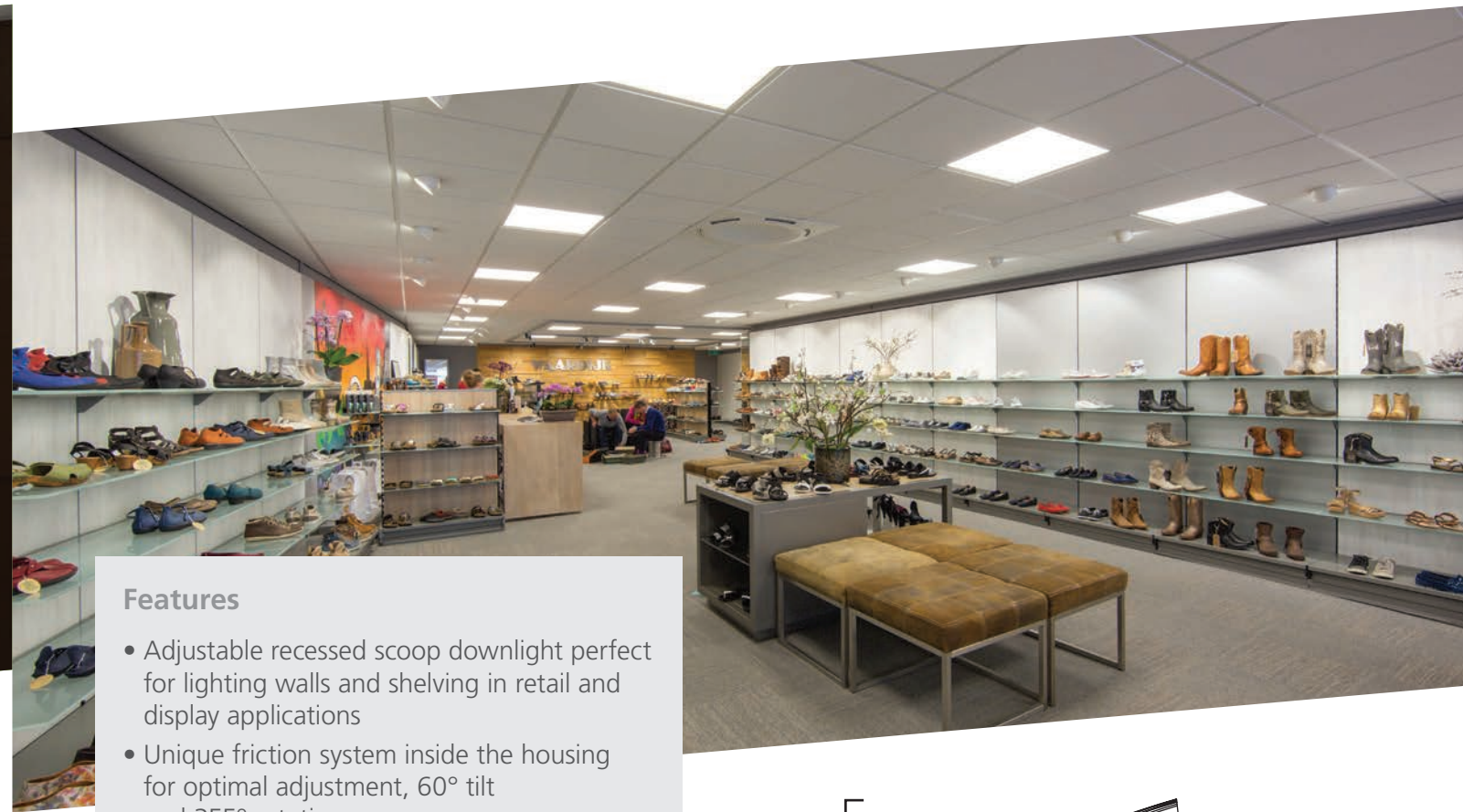
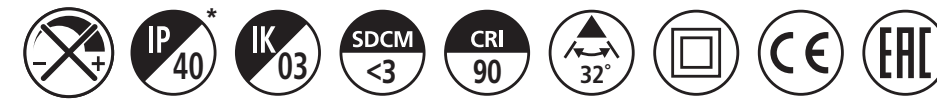


### IP44 versions



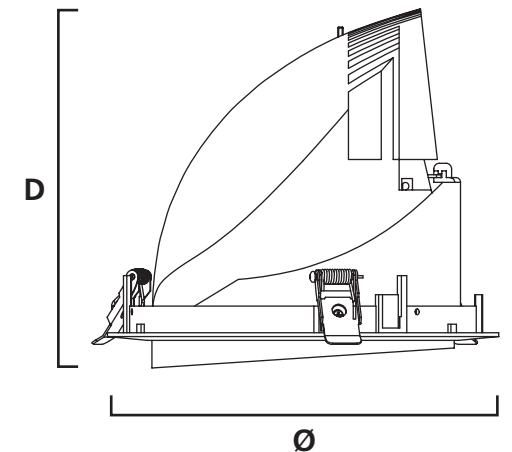
Size (Ø x H1 x H2)	Cut out	Wattage	Lumen
Ø85mm x 64mm	Ø75-80mm		
Ø96.3mm x 31mm x 68mm	Ø75-80mm	4.5W	345lm

# START Spot Scoop



## Features

- Adjustable recessed scoop downlight perfect for lighting walls and shelving in retail and display applications
- Unique friction system inside the housing for optimal adjustment, 60° tilt and 355° rotation
- Complete die cast aluminium housing providing excellent thermal management and high efficacy
- High efficiency, up to 94lm/W
- Secure installation with three spring system
- White housing colour, RAL9016
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)

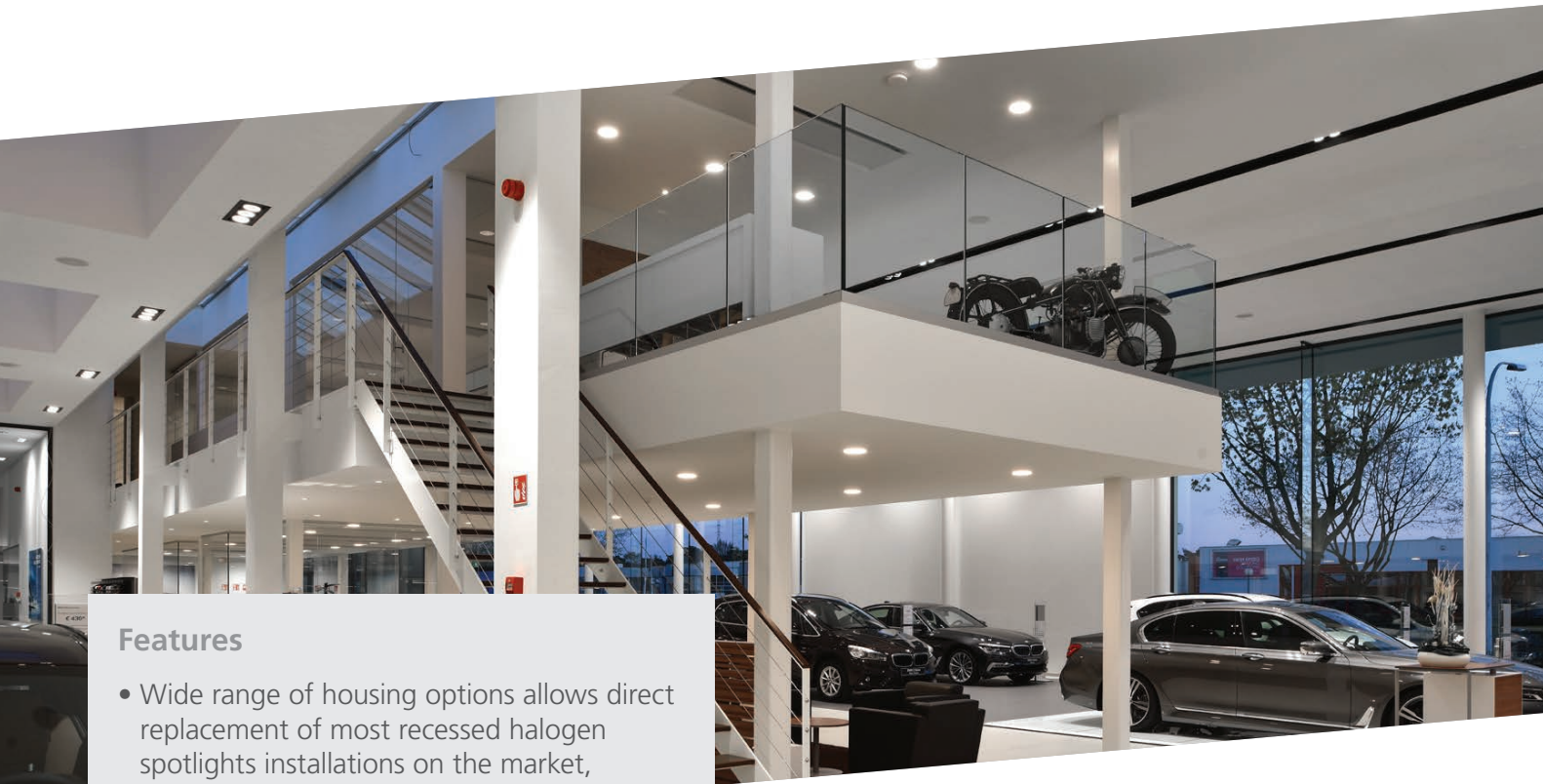


Size (Ø x D)	Cut Out	Wattage	Lumen
Ø126mm x 99mm	Ø115mm	12W	1,050lm
Ø167mm x 145mm	Ø155mm	20W	1,950lm
Ø167mm x 140mm	Ø155mm	35W	3,200lm
Ø220mm x 195mm	Ø205mm	50W	4,500lm



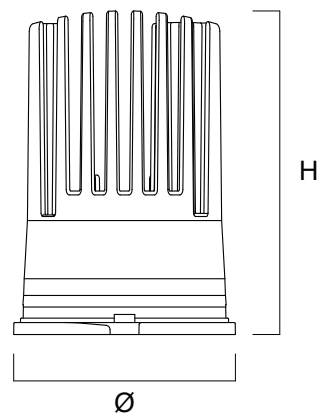


# SYLVANIA LudoSpot 50



## Features

- Wide range of housing options allows direct replacement of most recessed halogen spotlights installations on the market, whatever the diameter and the circular, square or rectangular shape
- Integrated LED accent downlight with 50mm modular design
- High performance, up to 83lm/W
- Designed as a direct replacement for most recessed halogen spotlights across a range of applications
- Available with a choice of housing sizes, round, square and regular
- Easy and quick mounting thanks to the Twist&Lock system and loop-in loop-out wires terminal
- Low Flicker
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)

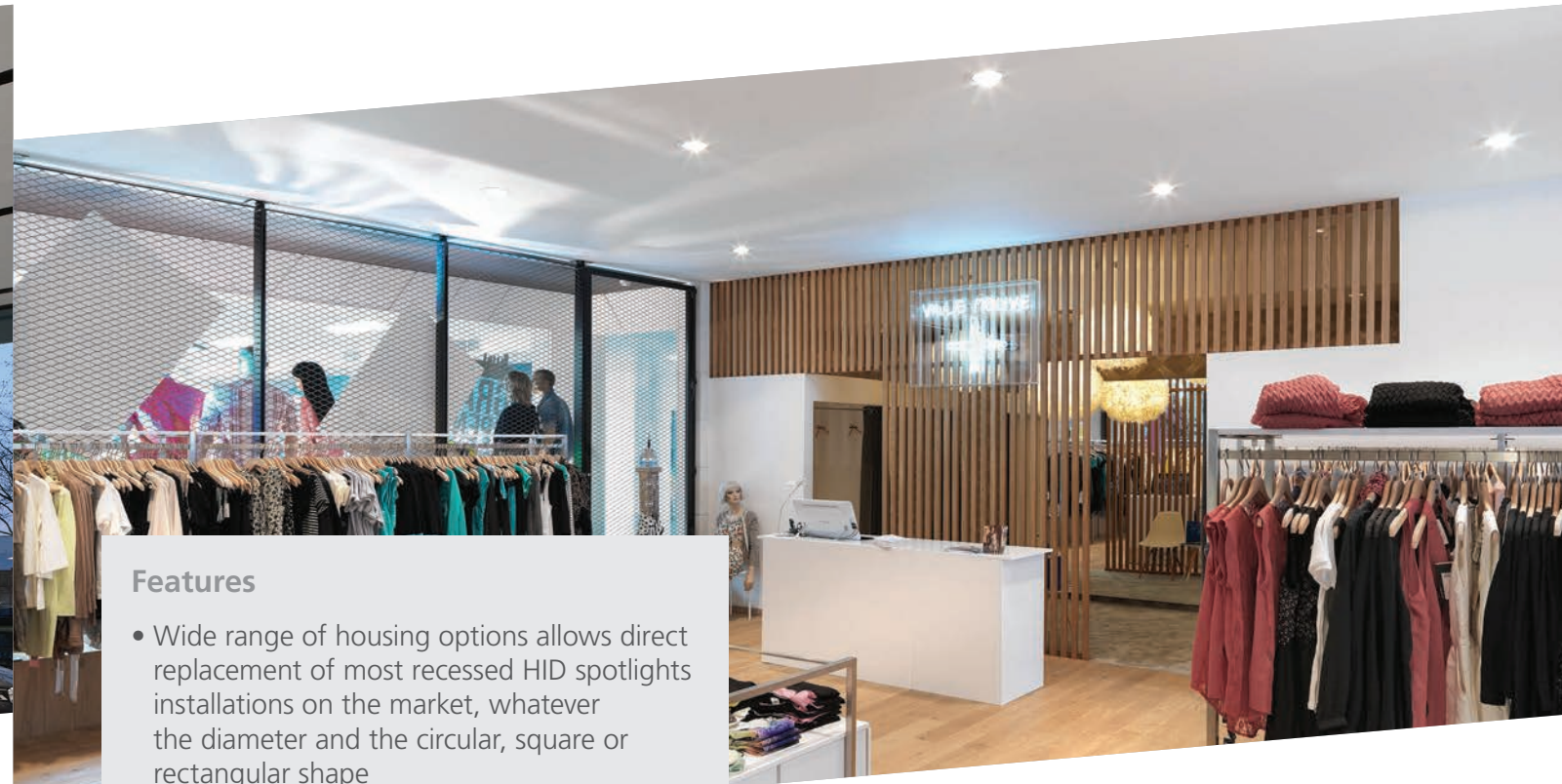


Size	Wattage	Lumen	Beam angle
Size and cutout depends on the chosen housing.	12W	940lm	Wide
	12W	990lm	Narrow
	12W	1000lm	Medium

For ordering guide please visit page 136.

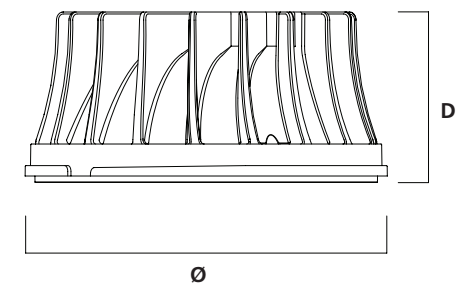
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# SYLVANIA LudoSpot 111



## Features

- Wide range of housing options allows direct replacement of most recessed HID spotlights installations on the market, whatever the diameter and the circular, square or rectangular shape
- Integrated LED accent downlight with 111mm modular design
- High performance, up to 93lm/W
- Designed as a direct replacement for most recessed high output halogen and HID spotlights across a range of applications
- Available with a choice of housing sizes, round, square and regular
- Easy and quick mounting thanks to the Twist&Lock system and loop-in loop-out wires terminal
- Surface mounting housing available as option
- Low flicker
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)



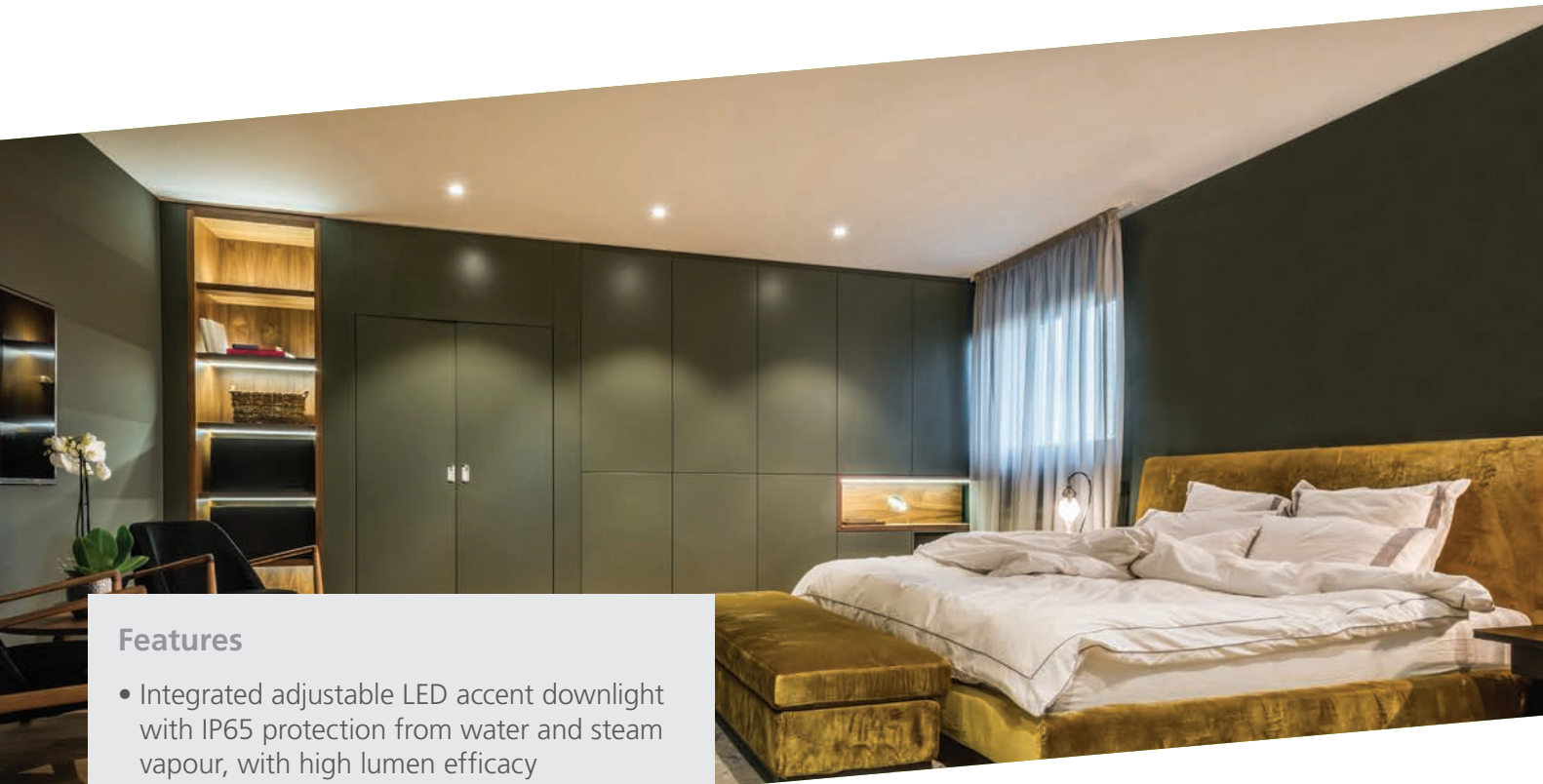
Size	Wattage	Lumen
Size and cutout depends on the chosen housing.	24W	2225lm
	38W	3550lm



For ordering guide please visit page 136.

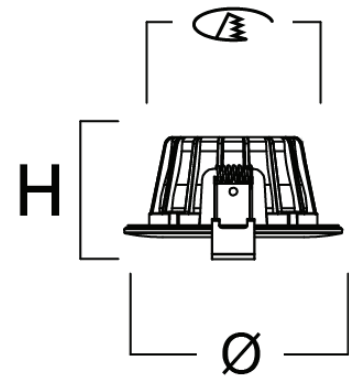
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**Features**

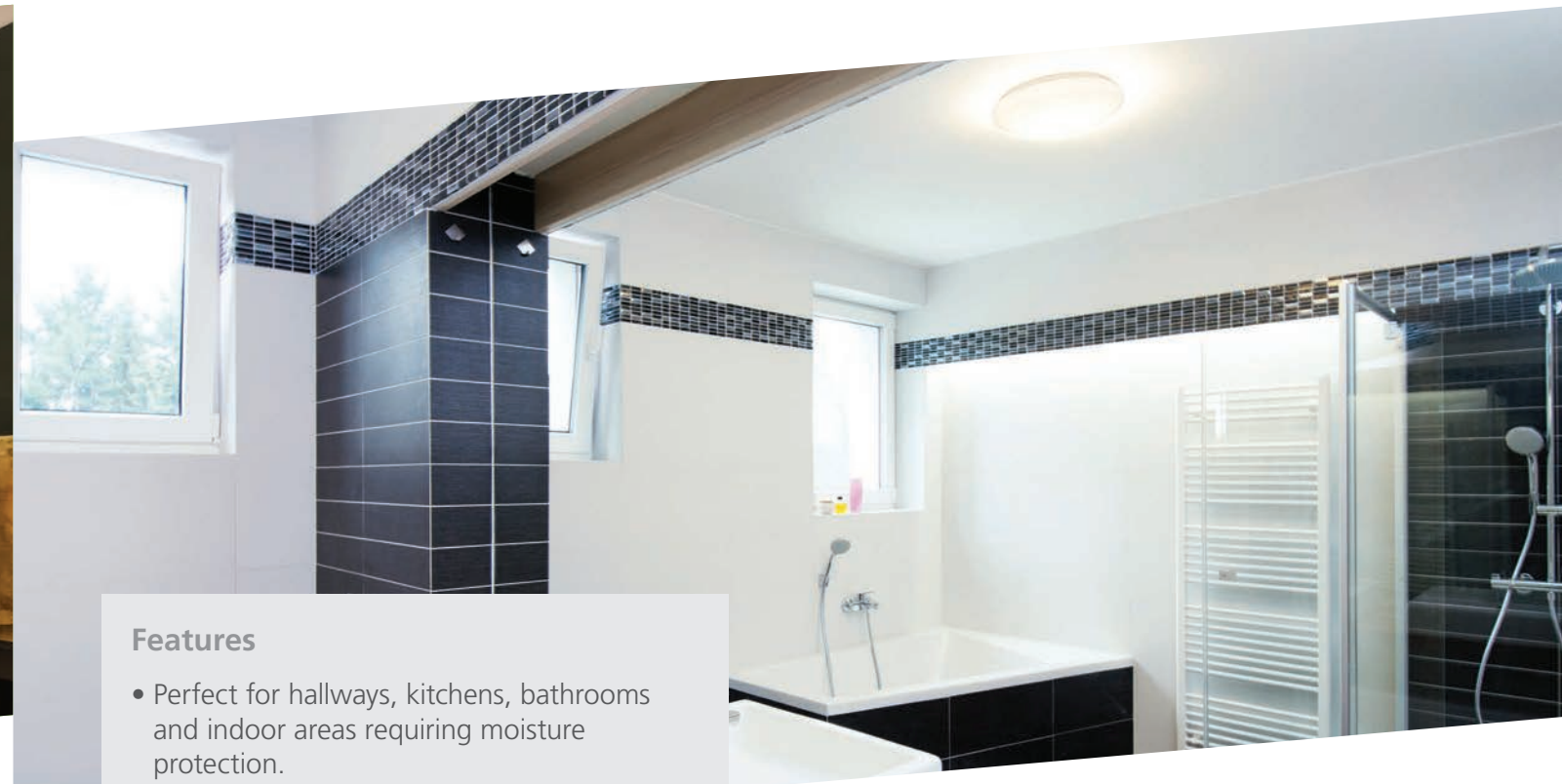
- Integrated adjustable LED accent downlight with IP65 protection from water and steam vapour, with high lumen efficacy
- Light output up to 740lm (4000K), efficacy up to 87lm/W
- Low-profile, only 40mm deep and loop-in, loop-out wiring terminal for quick and easy install
- Air-proof, to limit air leakage when used in residential applications within the building's thermal envelope
- Directly coverable with insulation material according to EN60598-1
- Designed and tested to meet fire rating standards (30, 60, 90 – minute fire rated ceiling): BS 476-21:1987
- Compatible with trailing-edge and leading edge dimmers (phase dimming)
- Lifespan: 82.000 hours (L70B50)



Size (Ø x D)	Cut Out	Wattage	Lumen	IP Rating
Ø86mm x 64mm	Ø68-72mm	9W	800lm	IP44
Ø86mm x 64mm	Ø68-72mm	9W	760lm	IP44
Ø86mm x 64mm	Ø68-72mm	9W	800lm	IP65
Ø86mm x 64mm	Ø68-72mm	9W	760lm	IP65

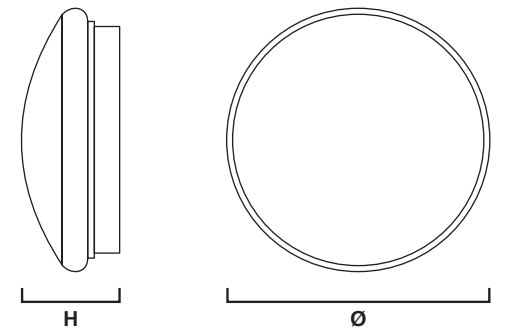


For ordering guide please visit page 137.



**Features**

- Perfect for hallways, kitchens, bathrooms and indoor areas requiring moisture protection.
- Flexible luminaire suitable for wall or ceiling mounting
- High performance offering output of up to 2050lm
- High efficiency fixture : Up to 86lm/W
- Available in four diameters: 180mm, 250mm, 330mm or 360mm
- Smooth, uniform light distribution
- Choice between 3,000K and 4,000K (DualTone) simply by a flick of the switch
- Lifespan : 30,000 hours (L70B50)



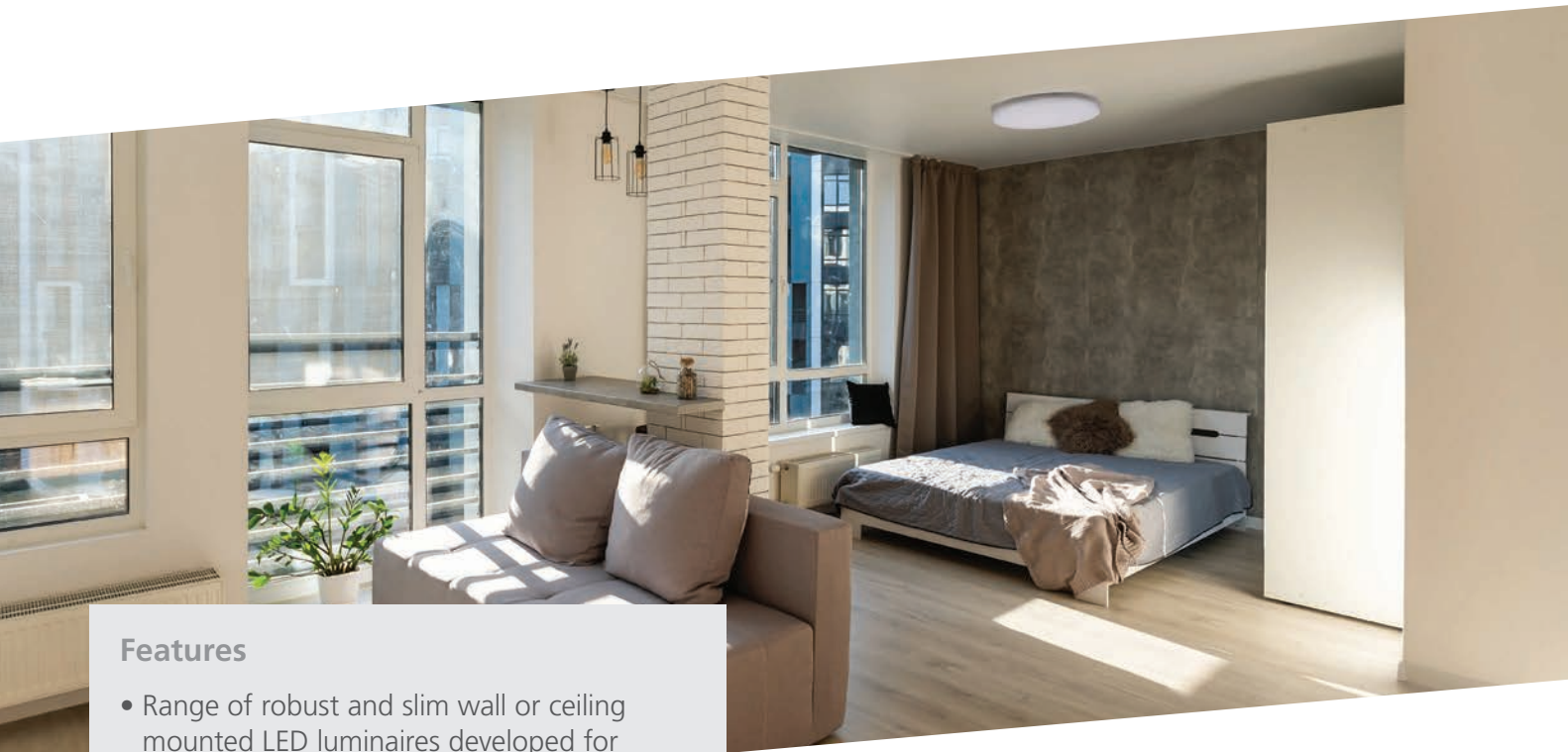
Size (Ø x H)	Wattage	Lumen
Ø180mm x 75mm	6W	520lm
Ø250mm x 80mm	12W	1,025lm
Ø330mm x 96mm	18W	1,550lm
Ø360mm x 100mm	24W	2,050lm
<b>NEW</b> Ø360mm x 112mm	24W	1,800lm
<b>NEW</b> Ø330mm x 108mm	18W	1,400lm



For ordering guide please visit page 137.

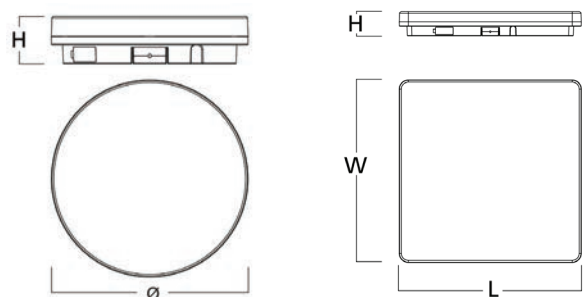


# START Surface Slim IP54



## Features

- Range of robust and slim wall or ceiling mounted LED luminaires developed for hallways, kitchens, bathrooms and wet areas
- High efficiency of up to 114lm/W (4000K)
- Circular design available in four diameters: 220mm, 280mm, 330mm or 400mm
- Square design available in two dimensions: 280x280mm, 400x400mm
- Can be wall or ceiling mounted
- Switch between 3000K and 4000K colour
- Lifespan: 58.000 hours (L70B50)



### Round

Size (Ø x H)	Wattage	Lumen
Ø220mm x 53mm	15W	1500lm
Ø280mm x 53mm	18W	1900lm
Ø330mm x 53mm	24W	2500lm
Ø400mm x 53mm	35W	4000lm

### Square

Size (Ø x H)	Wattage	Lumen
280mm x 280mm x 53mm	18W	1900lm
400mm x 400mm x 53mm	35W	4000lm



For ordering guide please visit page 138.

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# START Surface IP66



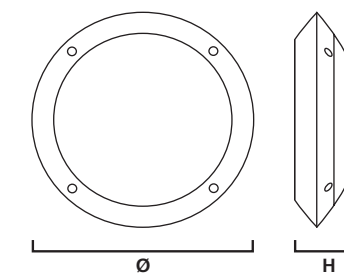
## Features

- Ideal for interior and exterior applications including residential and commercial entrance ways and corridors
- Sensor-dimming products available providing a wide range of settings (including Corridor function)
- 3 hour emergency versions (350mm)
- High efficiency fixture : Up to 92lm/W
- Available in black and white finish
- Switch power available in the 350mm diameter version allowing for change of output from the same fixture
- Available in 3,000K or 4,000K
- Long lifespan: 60,000 hours (L70B50)

## Accessories



Standard - For 300mm or 350mm versions  
Grille - For 350mm version only  
Eyelid - For 300mm or 350mm versions



Size (Ø x H)	Wattage	Lumen
ø300mm x 792mm	12W	1,100lm
ø350mm x 111mm	12 / 15W	1,100 - 1,500lm
ø350mm x 111mm	20 / 25W	2,000 - 2,400lm

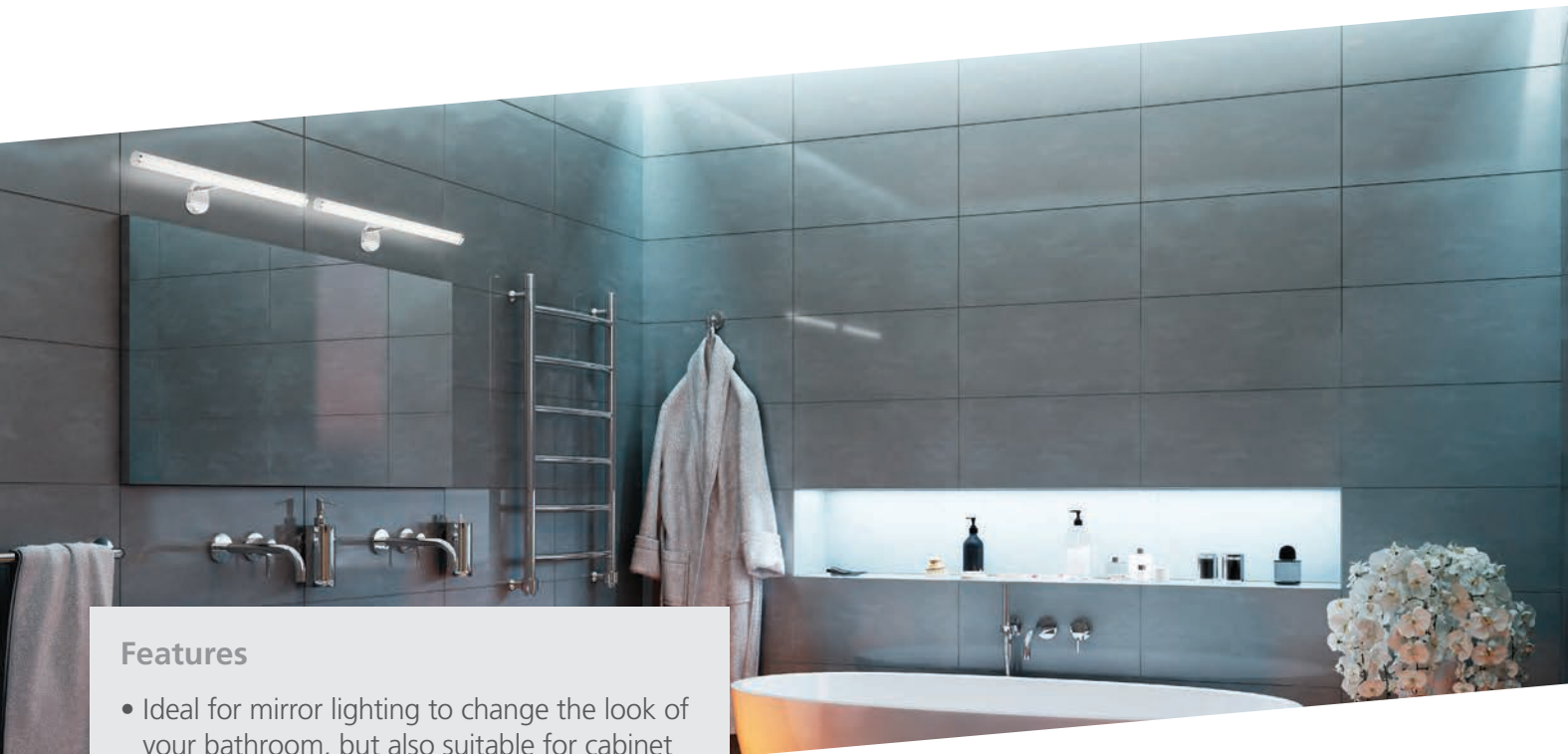


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# SYLVANIA SylMirror

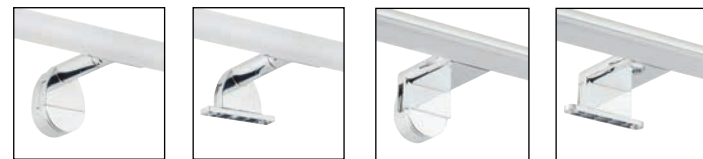


## Features

- Ideal for mirror lighting to change the look of your bathroom, but also suitable for cabinet lighting in different rooms of the house
- 6W and 8W versatile mirror and cabinet lighting luminaires
- Two easy ways to install: against the wall and above cabinet (Accessories included in box)
- Available in two shapes: slim and flute
- Chrome finish
- Available in 3,000K or 4,000K
- Lifespan: 25,000 hours (L70B50)

### Slim Accessories

On Wall and Above Cabinet



### Slim

Size (W x H x D)	Wattage	Lumen
400mm x 43mm x 115mm	6W	540lm

### Flute

Size (W x H x D)	Wattage	Lumen
400mm x 45mm x 120mm	8W	560lm



For ordering guide please visit page 139.

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# SYLVANIA LED Pipe High Output



## Features

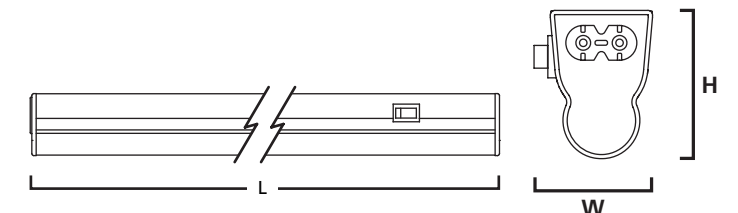
- Designed for simple linear light applications, creating direct or indirect illumination within a room
- LED Pipe (T5 batten equivalent) ideal for under cabinet, cove and secondary illumination
- Available in 300 / 600 / 900 / 1,200 / 1,500mm versions
- Highly efficient: delivers up to 125lm/w (total system efficiency)
- Includes integral switch
- Seamless linking - up to 10m
- Easy installation by mounting brackets (2 non-tiltable + 2 tiltable included)
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)

## Accessories



Connecting Cable 3pack

Europe Cable



Size (L x W x H)	Wattage	Lumen
300mm x 24mm x 35mm	4.5W	560lm
600mm x 24mm x 35mm	8W	1,000lm
900mm x 24mm x 35mm	11.5W	1,450lm
1200mm x 24mm x 35mm	15W	1,875lm
1500mm x 24mm x 35mm	19W	2,375lm

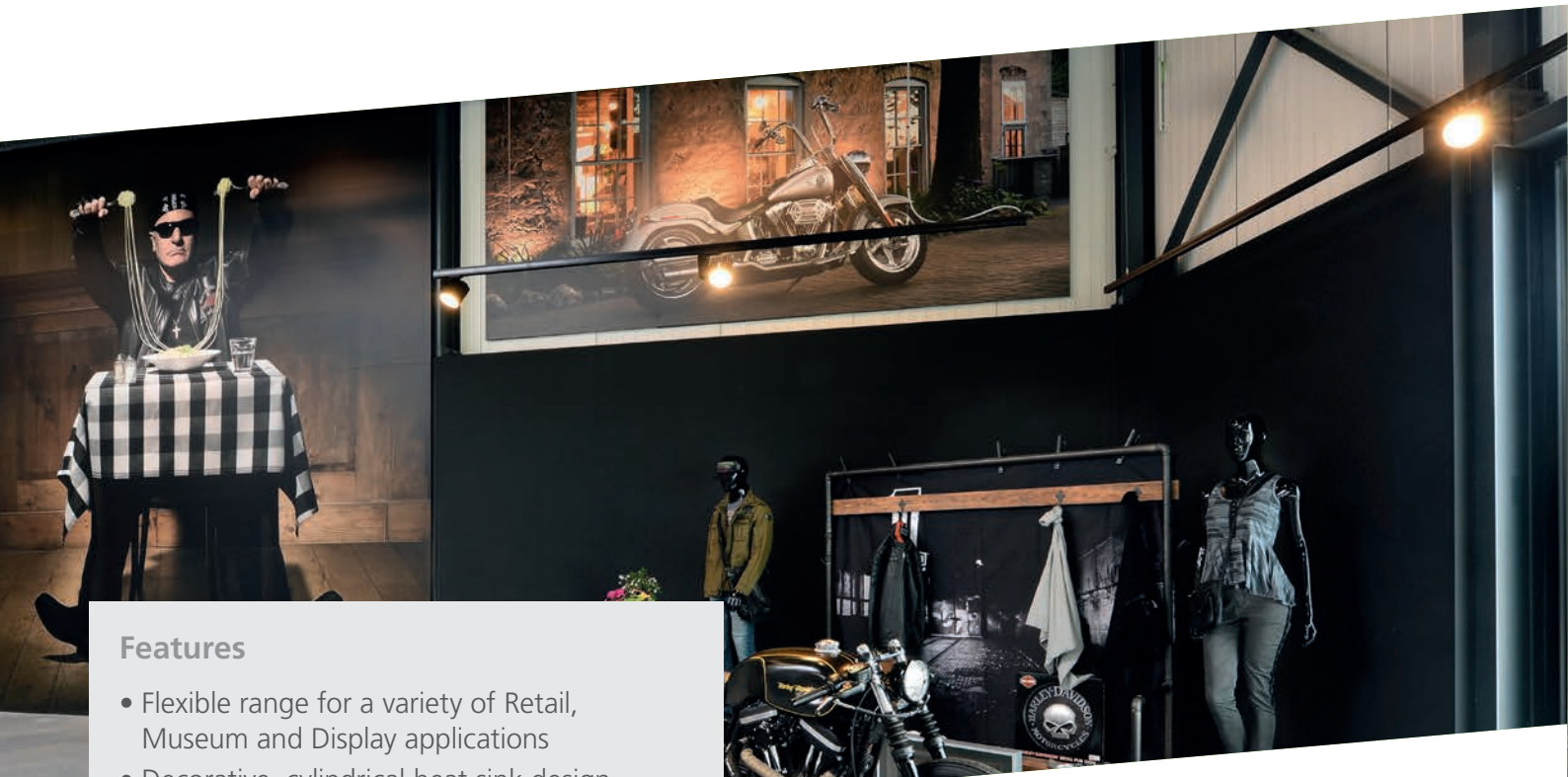


For ordering guide please visit page 140.

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# START Track Spot



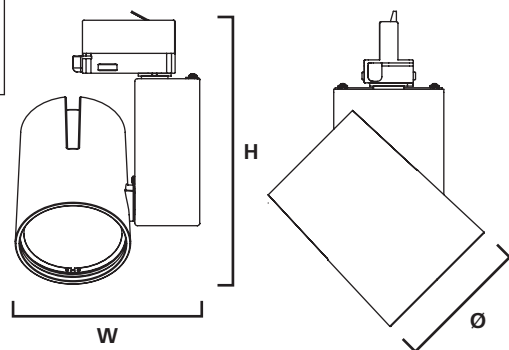
## Features

- Flexible range for a variety of Retail, Museum and Display applications
- Decorative, cylindrical heat sink design
- High efficiency, up to 119lm/W
- Available in white or black housing
- Fresnel Lens accessory available for more precise narrow beam optical control
- For mounting on Global Trac Pro 3 circuit tracks and Global Pulse track (DALI versions)
- IR/UV free light source without heat radiation
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)

## Accessories



Fresnel Lens



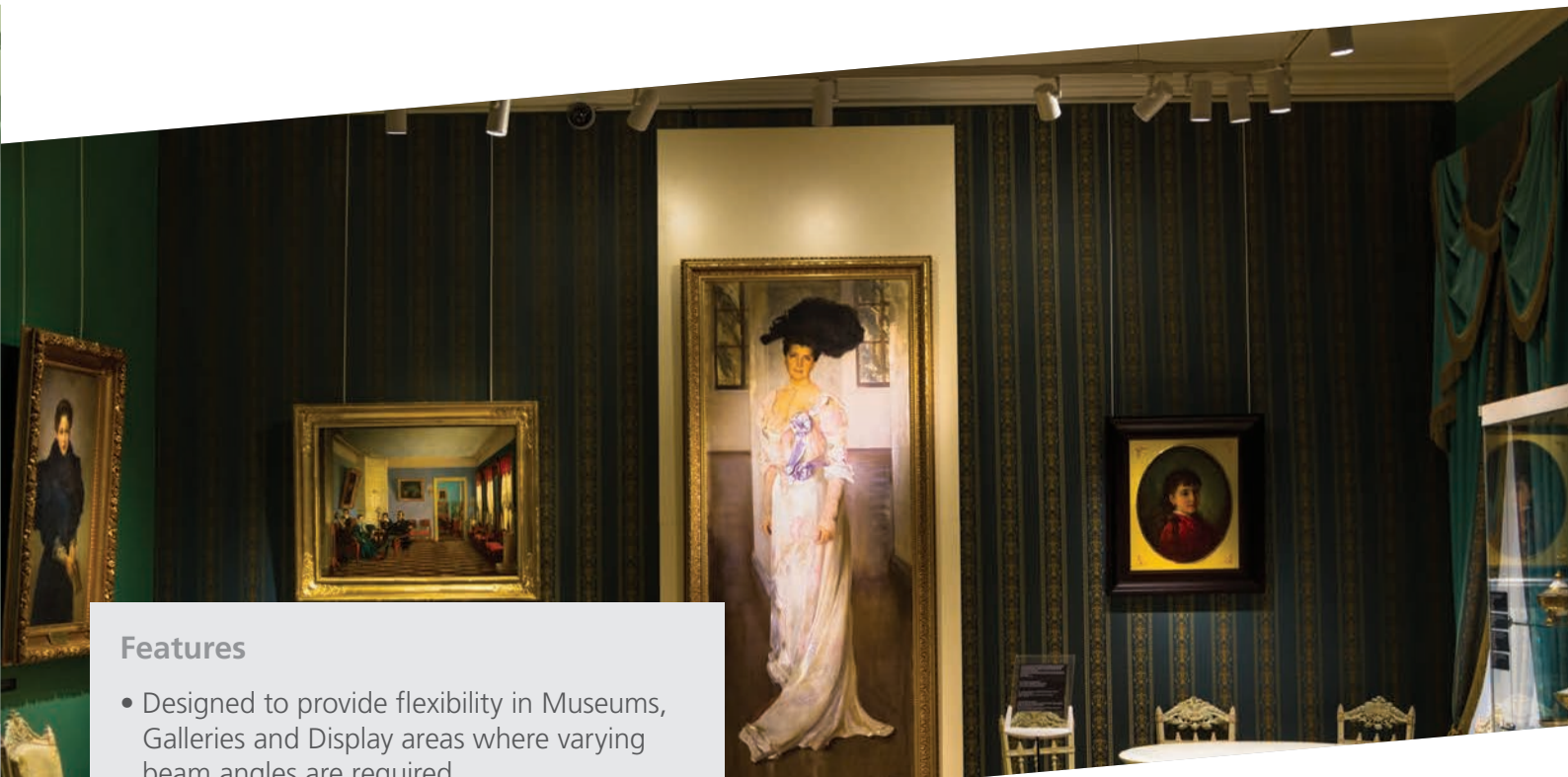
Size (Ø x W x H)	Wattage	Lumen	CRI
Ø86mm x 140mm x 200mm	14W	1,352 - 1,359lm	80/90
Ø86mm x 140mm x 200mm	24W	2,087 - 2,155lm	80/90
Ø113mm x 164mm x 240mm	35W	3,562 - 3,616lm	80/90
Ø113mm x 164mm x 240mm	55W	4,824 - 4,965lm	80/90



For ordering guide please visit page 140.

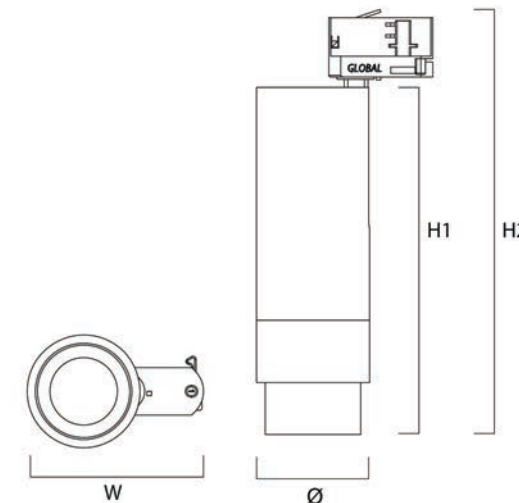
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# SYLVANIA Lenzo

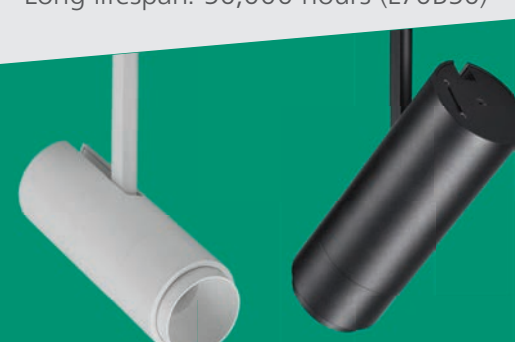


## Features

- Designed to provide flexibility in Museums, Galleries and Display areas where varying beam angles are required
- Adjustable beam angle 8°-45° (Small) or 20°-50° (Large)
- Simple and slick integral design with no driver box or any visible screws
- On board, manual dimming as standard with slider on rear of fitting
- Equipped with GA69 adaptor, mounting on Global Trac Pro 3 circuit track
- High colour rendering index for excellent representation of colour
- Choice of black or white finish
- Available in 3,000K and 4,000K
- Long lifespan: 50,000 hours (L70B50)



Size (Ø x H1 x H2 x W)	Wattage	Lumen	CRI
Ø60mm x 124,6mm x 275mm x 105mm	15W	200/500lm	90
Ø60mm x 124,6mm x 275mm x 105mm	15W	240/720lm	90
Ø76mm x 235mm x 290mm x 120mm	28W	800/1600lm	90
Ø76mm x 235mm x 290mm x 120mm	28W	1000/2000lm	90



For ordering guide please visit page 144.

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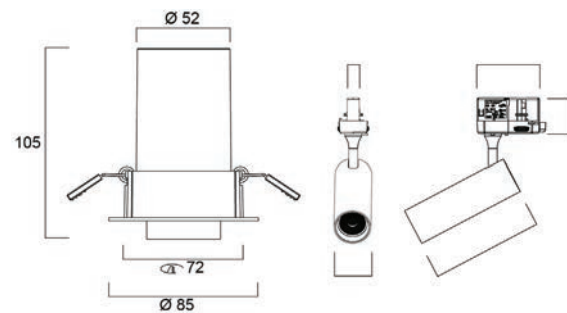
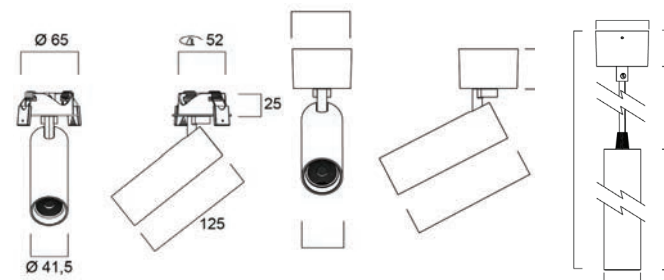


# SYLVANIA Pixo Mini



## Features

- Very small diameter ~41mm , two colours: black and white (or combination)
- Track, surface mounted, recessed, accent spotlight and pendant version
- Global 3-circuit adapter for maximum compatibility
- Available in 2,700K, 3000K or 4,000K
- Lifespan: 72,000 hours (L70B50)



Wattage	Lumen	CRI
6.5W	560lm	90



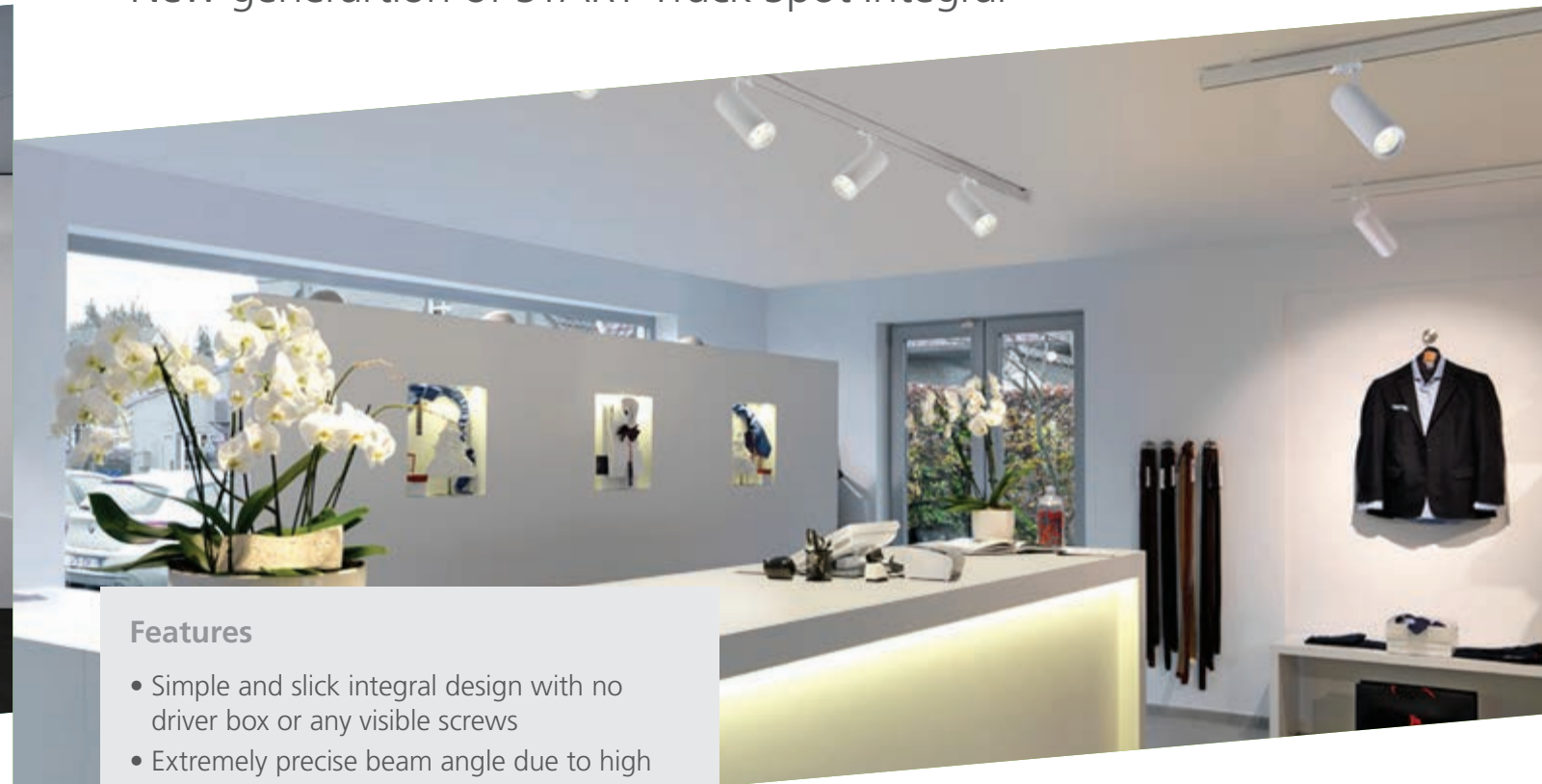
For ordering guide please visit page 144.

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# SYLVANIA Pixo



New generation of START Track Spot Integral



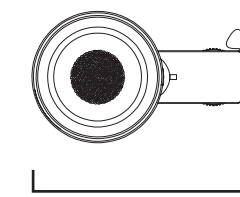
## Features

- Simple and slick integral design with no driver box or any visible screws
- Extremely precise beam angle due to high quality optical design
- Easy replaceable lens system
- High performance, up to 94lm/W
- Global adapter GA69, mounting on Global Trac Pro 3 circuit tracks
- Choice of white or black housing
- Available in 3,000K or 4,000K
- Long lifespan: 72,000 hours (L70B50)

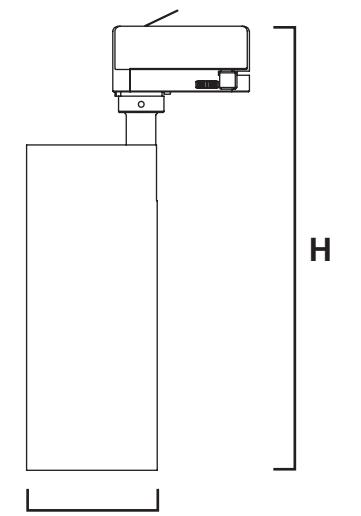
## Accessories



Fresnel Lens



W



Ø

Size (Ø x W x H)	Wattage	Lumen	CRI
Ø60mm x 117mm x 248mm	17W	1,500lm	90
Ø80mm x 137mm x 283mm	32W	3,000lm	90
Ø91mm x 148mm x 303mm	54W	5,000lm	90



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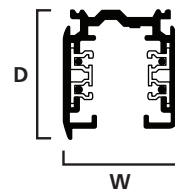




## Features

- High load capacity track system to be used in many different applications, including shops, department stores, public buildings and restaurants
- Modular approach makes it easy for the installer to extend and adapt to the application
- Trac profiles can be cut at required lengths
- L1/L2/L3/neutral/ground 16 A/400V
- Global Trac Pro 3-Circuit track for non dimmable applications and compatible with Global adapters
- Global Trac Pulse for DALI applications
- All materials used are halogen free and V0-self-extinguishing.
- Recessed, surface mounted and suspended track options available
- Family of accessories available
- Available in black (RAL9005) or white (RAL9010)

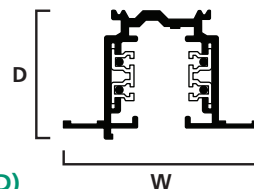
## Track Profiles



### Size (W x L x D)

31.5mm x 1000mm x 32.5mm
31.5mm x 2000mm x 32.5mm
31.5mm x 3000mm x 32.5mm
31.5mm x 4000mm x 32.5mm

## Recessed Track Profiles



### Size (W x L x D)

56mm x 1000mm x 32.5mm
56mm x 2000mm x 32.5mm
56mm x 3000mm x 32.5mm
56mm x 4000mm x 32.5mm



End Feed    T Feed    L-Feed    X-Feed

Straight Connector    Mid Feed    Adjustable Connector    Flex Connector

Pro Fix Point    Fix-Point Connector Rec Box    Cover    Cover

Mounting Clamp    Ceiling Clamp    Ceiling Clamp - 29mm    Suspension Clamp

Snap On Clamp (for M6 Rod)    Snap On Clamp (for Wire)    Snap On Clamp (for Bar)    Support

Suspension Wire - 1.5m    Suspension Kit - 10m    End Cap    Feed Cover Plate

Cover Strip - 3m    Steel Hook - 2mm    Hook Base    Wire Bend Tool



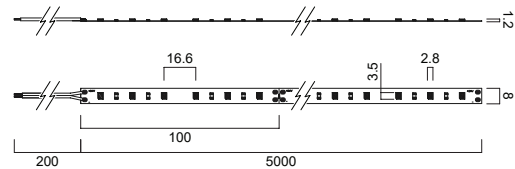
# START Flex Single Colour



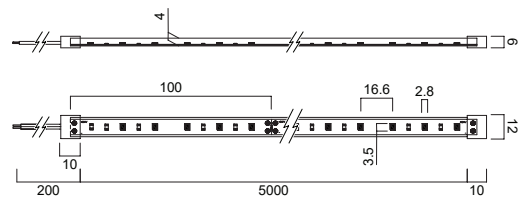
## Features

- LED strip for use indoors IP20 and in kitchen or bathroom areas (IP65)
- High efficiency up to 119 lm/W
- 2,500lm per 5m with 300pcs LED chips for indoor use
- CRI>80 and SDCM<3 meets requirements for most applications and provides uniform light.
- LED drivers ordered separately
- A selection of aluminium profiles available
- IP65 version supplied with end cap and silicone
- Available in 3,000K or 4,000K
- Long lifespan: 54,000 hours (L70B50)

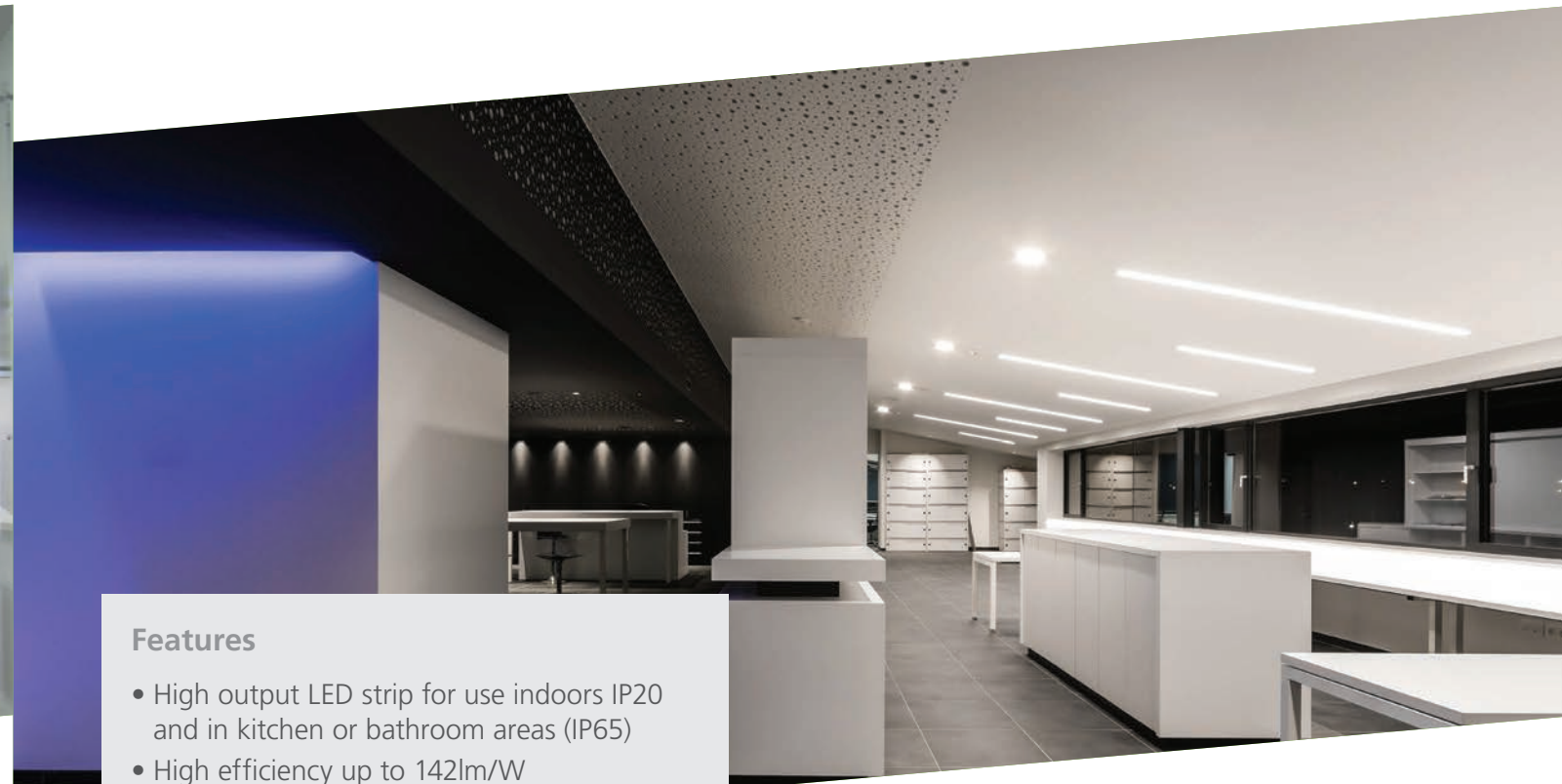
### IP20



### IP65



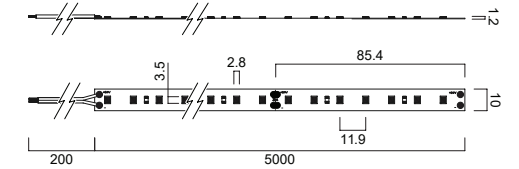
# START Flex Single Colour HO



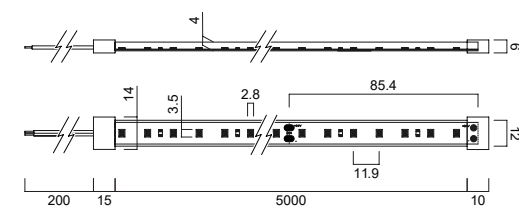
## Features

- High output LED strip for use indoors IP20 and in kitchen or bathroom areas (IP65)
- High efficiency up to 142lm/W
- 11,750lm per 5m with 420pcs LED chips for indoor use
- CRI>80 and SDCM<3 meets requirements for most applications and provides uniform light.
- LED drivers ordered separately
- A selection of aluminium profiles available
- IP65 version supplied with end cap and silicone
- Use of aluminium profile recommended
- Available in 3,000K or 4,000K
- Long lifespan: 54,000 hours (L70B50)

### IP20



### IP65



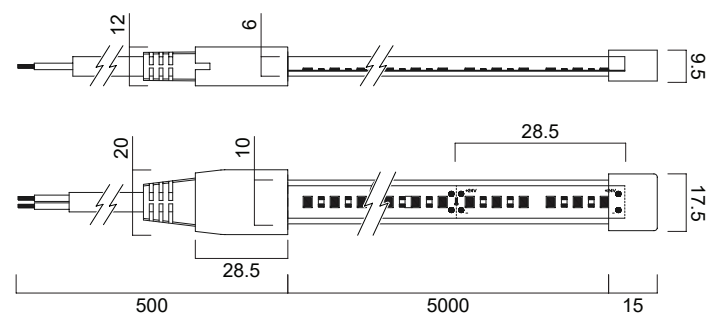


# START Flex IP67



## Features

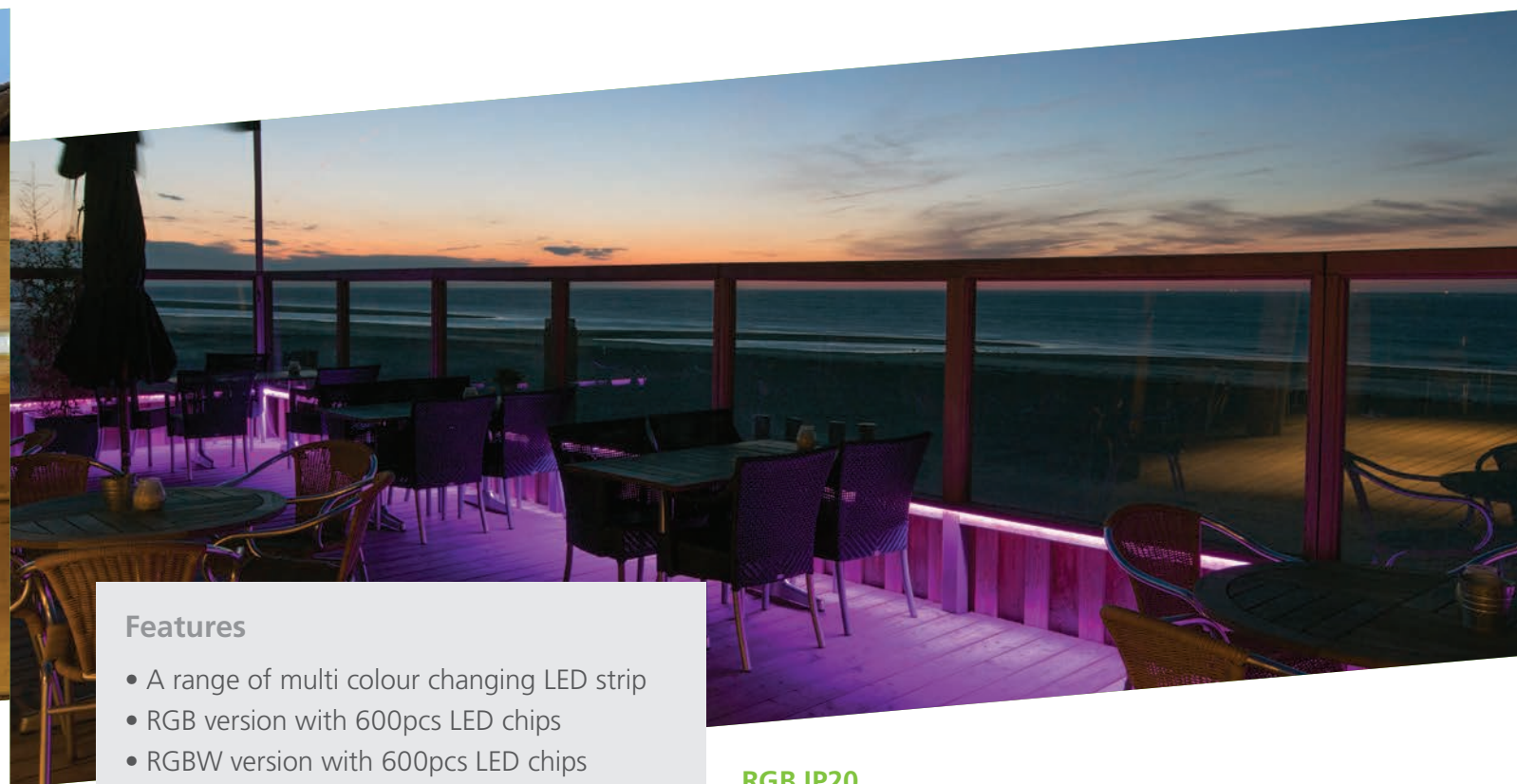
- LED strip designed for decorative / ambient lines of light
- Upto 5000lm per 5m length
- 300 pieces of LED per 5m length
- CRI>80 and SDCM<3 meets requirements for most applications and provides uniform light.
- All come with 3m adhesive tape, mounting clips and end caps
- Can be cut on the site with cut points every 50mm
- For indoor and outdoor applications
- LED drivers must be ordered separately
- Selection of aluminium profiles available
- Available in 2,700K, 3,000K or 4,000K
- Lifespan : 30,000 hours (L70B50)



For ordering guide please visit page 149.

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# START Flex RGB & RGBW



## Features

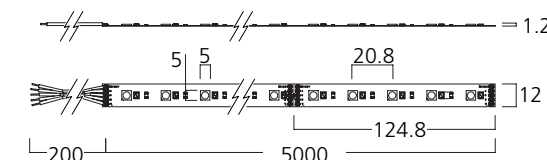
- A range of multi colour changing LED strip
- RGB version with 600pcs LED chips
- RGBW version with 600pcs LED chips
- IP20 for indoor and IP67 for outdoor applications
- CRI>80 and SDCM<3 meets requirements for most applications and provides uniform light.
- Supplied with 3m adhesive tape and mounting clips / end caps (IP67)
- LED RGB and RGBW drivers and controllers ordered separately
- Selection of aluminium profiles available
- Lifespan : 30,000 hours (L70B50)



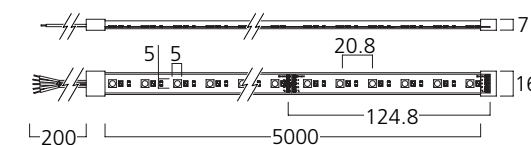
For ordering guide please visit page 149.

sylvania-lighting.com

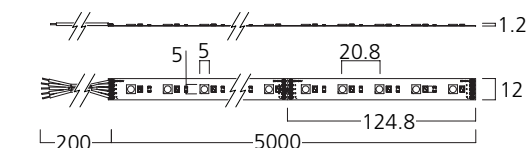
## RGB IP20



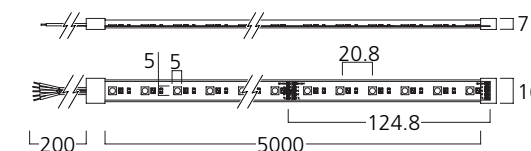
## RGB IP65



## RGBW IP20



## RGB IP65





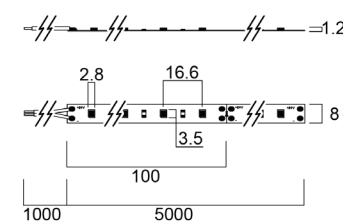
# SYLVANIA Flex Pro



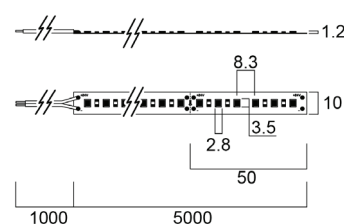
## Features

- LED strip for use indoors IP20 and in kitchen or bathroom areas (IP65)
- High efficiency up to 107lm/W
- 2,500lm (low output) per 5m with 300pcs LED chips or 5150lm (medium output) per 5m with 600pcs LED chips for indoor use
- CRI>90 and SDCM<3 provides excellent light quality
- Can be easily cut every 50mm-100mm which helps to avoid dark places with combination of 1-2-3m profiles.
- LED drivers ordered separately
- A selection of aluminium profiles available
- IP65 version supplied with end cap and silicone
- Available in 3,000K or 4,000K
- Long lifespan: 54,000 hours (L70B50)

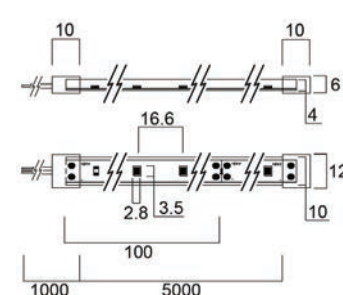
### IP20 Low Output



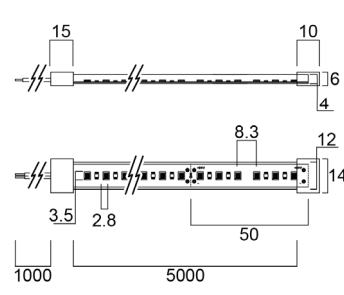
### IP20 Medium Output



### IP65 Low Output



### IP65 Medium Output



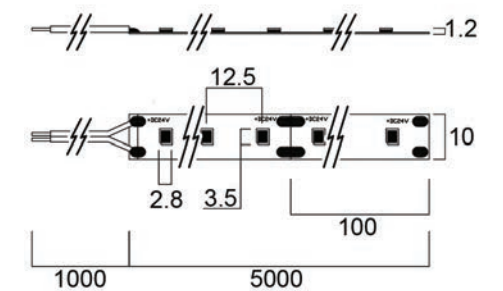
# SYLVANIA Flex Pro HO



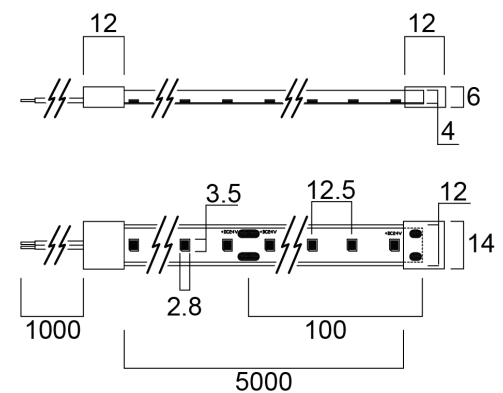
## Features

- High output LED strip for use indoors IP20 and in kitchen or bathroom areas (IP65)
- High efficiency up to 135lm/W
- 9,700lm per 5m with 400pcs LED chips for indoor use
- Aluminium profile required for cooling LED chips
- CRI>90 and SDCM<3 provides excellent light quality
- Can be easily cut every 50mm-100mm which helps to avoid dark places with combination of 1-2-3m profiles.
- LED drivers ordered separately
- A selection of aluminium profiles available
- IP65 version supplied with end cap and silicone
- Use of aluminium profile recommended
- Available in 3,000K or 4,000K
- Long lifespan: 54,000 hours (L70B50)

### IP20



### IP65





# START Flex Drivers



## Features

- A range of Constant Voltage LED drivers compatible with Start flex range
- Standard, 1-10V dimmable, DALI dimmable, SylSmart dimmable drivers
- SylSmart Standalone enabled drivers are wireless dimmable drivers for controlling white LED strips with no additional external dimmer required
- SylSmart Standalone PWM4 dimmer is a new addition for wireless controlling RGB, RGBW and white Start Flex

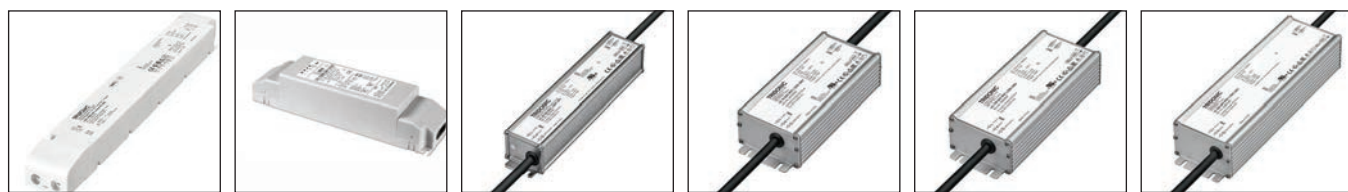
For ordering guide please visit page 150.



**CV Driver 35W 24V**   **CV Driver DALI 35W 24V**   **CV Driver 60W 24V**



**CV Driver DALI 60W 24V**   **CV Driver 100W 24V**   **CV Driver DALI 100W 24V**



**CV Driver DALI 150W 24V**   **Lumidriver 1-10V 120W**   **CV Driver 35W 24V IP67**   **CV Driver 75W 24V IP67**   **CV Driver 100W 24V IP67**   **CV Driver 200W 24V IP67**

## Drivers with START Flex

Product Name	Standard Driver					DALI Driver							
	3036292 LUMIDRIVER CV 24VDC 20W	CV DRIVER 35W 24V IP20 / IP67	CV DRIVER 60W 24V IP20 / IP67	CV DRIVER 100W 24V IP20 / IP67	CV DRIVER 200W 24V IP20 / IP67	9014925 CV DRVR DALI 35W 24V IP20	9014926 CV DRVR DALI 60W 24V IP20	9014927 CV DRVR DALI 100W 24V IP20	9014928 CV DRVR DALI 150W 24V IP20				

Product Name	Max Wattage of 5m Start flex	Wattage per 1m Start flex	Meters of START Flex to be used with the driver															
			min		max		min		max		min		max		min		max	

START Flex IP20 / IP65/ Flex Pro LO	24	4.8	1.3	3.8	2.2	6.6	3.8	11.3	6.3	18.8	12.5	37.5	0.7	6.6	1.3	11.3	2.1	18.8	3.1	28.1
START Flex IP20 HO / IP65 HO	82.5	16.5	0.4	1.1	0.6	1.9	1.1	3.3	1.8	5.5	3.6	10.9	0.2	1.9	0.4	3.3	0.6	5.5	0.9	8.2
Flex Pro Medium Output	48	9.6	0.6	1.9	1.1	3.3	1.8	5.6	3.1	9.3	6.2	18.7	0.4	3.2	0.6	5.6	1.1	9.4	1.6	14.0
Flex Pro High Output	72	14.4	0.4	1.3	0.7	2.2	1.3	3.8	2.1	6.3	4.1	12.5	0.3	2.2	0.4	3.7	0.7	6.3	1.1	9.4
START eco Flex RGB	60	12	0.5	1.5	0.9	2.6	1.5	4.5	2.5	7.5	5.0	15.0	0.3	2.6	1.5	4.5	0.8	7.5	1.3	11.3
START eco Flex RGB+W	72	14.4	0.4	1.3	0.7	2.2	1.3	3.8	2.1	6.3	4.2	12.5	0.2	2.2	0.4	3.8	0.7	6.3	1.0	9.4
START eco Flex IP67	47.5	9.5	0.6	1.9	1.1	3.3	1.9	5.7	3.2	9.5	6.3	18.9	0.4	3.3	0.6	5.7	1.1	9.5	1.6	14.2

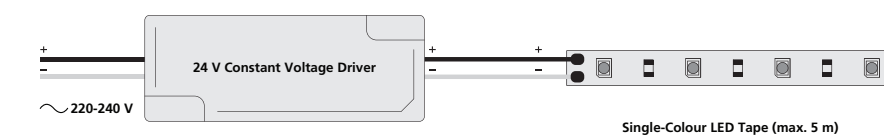
## Drivers

Product Name	Max Wattage of 5m Start flex	Wattage per 1m Start flex	Meters of START Flex to be used with the driver									
			min		max		min		max		min	

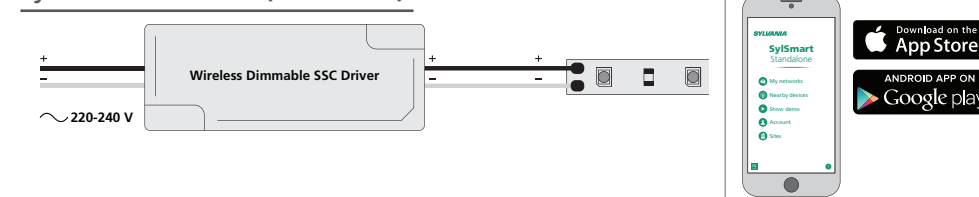
START Flex IP20 / IP65	24	4.8	0.7	6.6	1.3	11.3	2.1	18.8	3.1	28.1	7.5	22.5
START Flex IP20 HO / IP65 HO	82.5	16.5	0.2	1.9	0.4	3.3	0.6	5.5	0.9	8.2	2.2	6.5
Flex Pro Medium Output	48	9.6	0.4	3.2	0.6	5.6	1.1	9.4	1.6	14.0	3.7	11.3
Flex Pro High Output	72	14.4	0.3	2.2	0.4	3.7	0.7	6.3	1.1	9.4	2.5	7.5
START eco Flex RGB	60	12	NA	NA	NA	NA	NA	NA	NA	NA	3.0	9.0
START eco Flex RGB+W	72	14.4	NA	NA	NA	NA	NA	NA	NA	NA	2.5	7.5
START eco Flex IP67	47.5	9.5	0.4	3.3	0.6	5.7	1.1	9.5	1.6	14.2	3.8	11.4

\*Pls note that 30% minimum load required for standard driver and 10 % for dimmable drivers and for maximum 10% safety was included. Values were rounded up to the cutting points of LED strips  
\*Pls note that for length greater than 5m, the brightness of LED strips can be reduced gradually

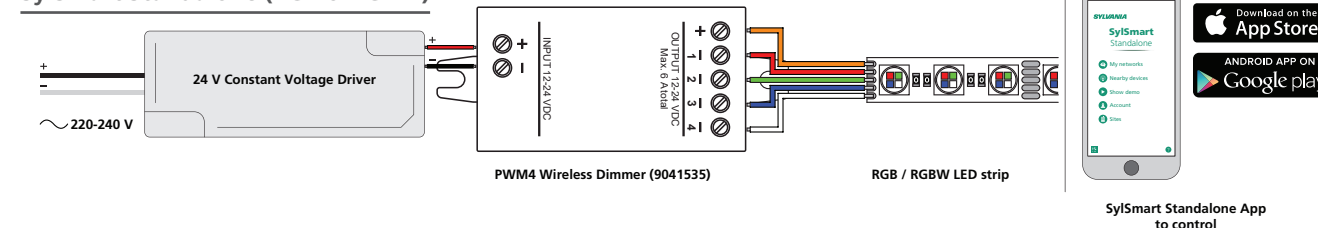
## Standard, DALI, 1-10V



## SylSmart Standalone (White IP67)



## SylSmart Standalone (RGB & RGBW)

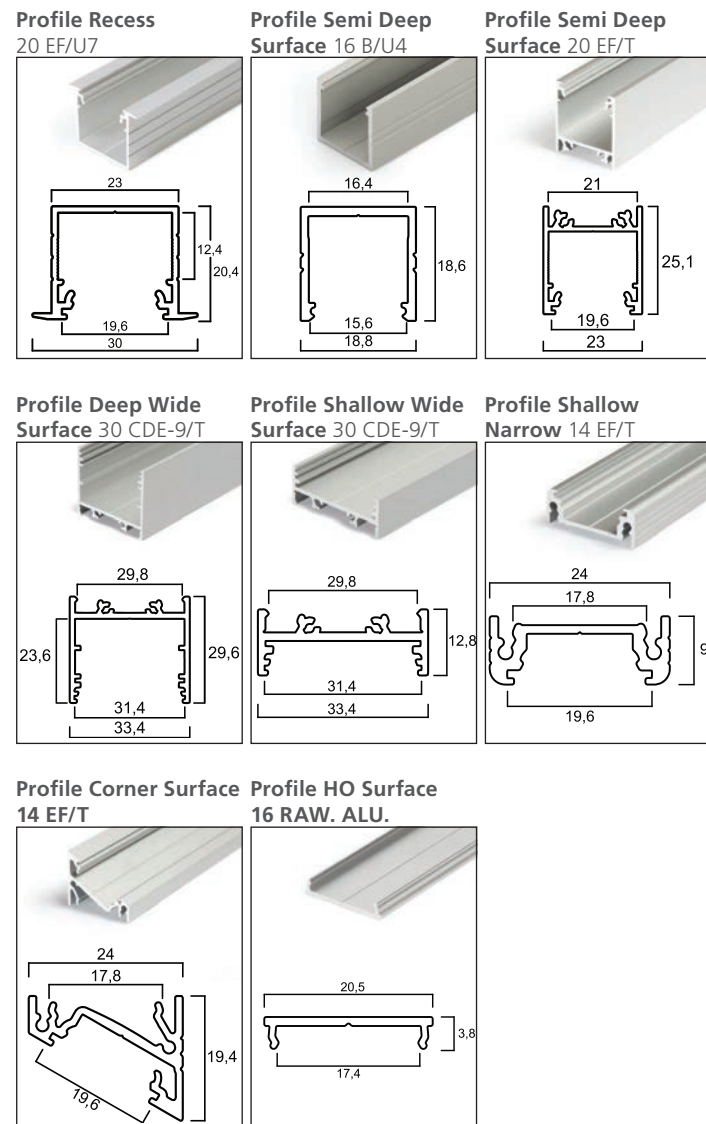






**Features**

- Aluminium profiles for mounting Start eco Flex and Flex Pro products
- Suitable for different application areas: kitchen, counter tops, accent lighting
- 2m standard length (1m and 3m – on request)
- Recessed or surface profile mounting versions available
- The profiles can be installed either directly on the surface with a screwdriver or fixed by dedicated mounting brackets
- A wide range of products to choose from: shallow, narrow profiles through the midsize ones, up to deep, wide LED profiles
- Installation guide and accessories are presented in our product data sheet for each profile
- The profiles have multiple options of the lighting diffusers, endings and mountings to choose from



**Accessory Images**



**Profiles with 20m F Click Diffuser & Suspension Kits Compatibility Chart**

Product Name	Profile Recess 20 EF/U7	Profile Semi Deep Surface 16 B/U4	Profile Semi Deep Surface 20 EF/T	Profile Deep Wide Surface 30 CDE-9/T	Profile Shallow Wide Surface 30 CDE-9/T	Profile Shallow Narrow 14 EF/T	Profile Corner Surface 14 EF/T	Profile HO Surface 16 Raw Alu
Item Code (1m)	0022587	0022588	0022589	0022590	0022591	0022592	0022593	0022595
Item Code (2m)	0022596	0022597	0022598	0022599	0022600	0022601	0022602	0022604
Item Code (3m)	0022605	0022606	0022602	0022608	0022609	0022610	0022611	0022613
Product code	Description							
0021587	20m Roll of F Click Diffuser							
0022651	Suspension Kit 1500 STD Chrome							
0022652	Suspension Kit 1500 50V Silver							





## Compatibility Charts

### Profiles with START Flex

Product Name	Profile Recess 20 EF/U7	Profile Semi Deep Surface 16 B/U4	Profile Semi Deep Surface 20 EF/T	Profile Deep Wide Surface 30 CDE-9/T	Profile Shallow Wide Surface 30 CDE-9/T	Profile Shallow Narrow 14 EF/T	Profile Corner Surface 14 EF/T	Profile HO Surface 16 Raw Alu
Item Code (1m)	0022587	0022588	0022589	0022590	0022591	0022592	0022593	0022595
Item Code (2m)	0022596	0022597	0022598	0022599	0022600	0022601	0022602	0022604
Item Code (3m)	0022605	0022606	0022602	0022608	0022609	0022610	0022611	0022613









  

Product Name	Max width with end caps (mm)	Max width with connectors (mm)								
Flex Pro LO & START Flex IP20	8	12.5	•	•	•	•	•	•	•	•
Flex Pro MO/HO & START Flex IP20 HO	10	14.5	•	•	•	•	•	•	•	•
Flex Pro LO & START Flex IP65	12	15	•	•	•	•	•	•	•	•
Flex Pro IP65 MO/HO & START Flex IP65 HO	12	17	•	•	•	•	•	•	•	•
START eco Flex IP20 RGB	10	15	•	•	•	•	•	•	•	•
START eco Flex IP67 RGB	14	14	•	•	•	•	•	•	•	•
START eco Flex IP20 RGBW	12	17	•	•	•	•	•	•	•	•
START eco Flex IP67 RGBW	16	16	•	•	•	•	•	•	•	•
START eco Flex IP67	17.5	20				•				

### 1m Profiles with Accessories

Product Name	Profile Recess 20 EF/U7	Profile Semi Deep Surface 16 B/U4	Profile Semi Deep Surface 20 EF/T	Profile Deep Wide Surface 30 CDE-9/T	Profile Shallow Wide Surface 30 CDE-9/T	Profile Shallow Narrow 14 EF/T	Profile Corner Surface 14 EF/T	Profile HO Surface 16 Raw Alu
Item Code (1m)	0022587	0022588	0022589	0022590	0022591	0022592	0022593	0022595



Product Code	Description								
0022615	Cover F Click 1m Opal	•		•			•	•	
0022616	Cover C9 Click 1m Opal				•	•			
0022617	Cover D9 Click 1m Opal				•	•			
0022659	Cover B Slide 1m Opal		•						
0022627	Cover E9 Click 1m Opal				•	•			
0022635	Ending Recess 20 (x20)	•							
0022636	Ending Semi Deep Surface 16 (x20)		•						
0022637	Ending Semi Deep Surface 20 (x20)				•				
0022638	Ending Shallow Wide Surface 30 (x20)					•			
0022639	Ending Deep Wide Surface 30 (x20)				•				
0022640	Ending Shallow Narrow (x20)						•		
0022641	Ending Corner Surface 14 (x20)							•	
0022649	Ending for D9 Cover (x20)				•	•			
0022650	Ending for E9 Cover (x20)				•	•			
0022643	Holder U4 Inox (x20)		•						
0022644	Holder U7 Recess (x20)	•							
0022645	Holder T (x20)			•	•	•	•	•	
0022646	Mounting Clips Recess 20 (x20)	•							
0022647	Double Sided Tape 15mm x 50m								•

## Compatibility Charts

### 2m Profiles with Accessories

Product Name	Profile Recess 20 EF/U7	Profile Semi Deep Surface 16 B/U4	Profile Semi Deep Surface 20 EF/T	Profile Deep Wide Surface 30 CDE-9/T	Profile Shallow Wide Surface 30 CDE-9/T	Profile Shallow Narrow 14 EF/T	Profile Corner Surface 14 EF/T	Profile HO Surface 16 Raw Alu
Item Code (1m)	0022596	0022597	0022598	0022599	0033600	0022601	0022602	0022604







  

Product Code	Description								
0022619	Cover F Click 2m Opal	•		•			•	•	
0022620	Cover C9 Click 2m Opal				•	•			
0022621	Cover D9 Click 2m Opal				•	•			
0022661	Cover B Slide 2m Opal x 10		•						
0022630	Cover E9 Click 2m Opal				•	•			
0022635	Ending Recess 20 (x20)	•							
0022636	Ending Semi Deep Surface 16 (x20)		•						
0022637	Ending Semi Deep Surface 20 (x20)				•				
0022638	Ending Shallow Wide Surface 30 (x20)					•			
0022639	Ending Deep Wide Surface 30 (x20)				•				
0022640	Ending Shallow Narrow (x20)						•		
0022641	Ending Corner Surface 14 (x20)							•	
0022649	Ending for D9 Cover (x20)				•	•			
0022650	Ending for E9 Cover (x20)				•	•			
0022643	Holder U4 Inox (x20)		•						
0022644	Holder U7 Recess (x20)	•							
0022645	Holder T (x20)			•	•	•	•	•	
0022646	Mounting Clips Recess 20 (x20)	•							
0022647	Double Sided Tape 15mm x 50m								•

### 3m Profiles with Accessories

Product Name	Profile Recess 20 EF/U7	Profile Semi Deep Surface 16 B/U4	Profile Semi Deep Surface 20 EF/T	Profile Deep Wide Surface 30 CDE-9/T	Profile Shallow Wide Surface 30 CDE-9/T	Profile Shallow Narrow 14 EF/T	Profile Corner Surface 14 EF/T	Profile HO Surface 16 Raw Alu
Item Code (1m)	0022605	0022606	0022607	0022608	0022609	0022610	0022611	0022613

Product Code	Description								
0022623	Cover F Click 3m Opal	•		•			•	•	
0022624	Cover C9 Click 3m Opal				•	•			
0022625	Cover D9 Click 3m Frosted				•	•			
0022663	Cover B Slide 3m Frosted x 10		•						
0022633	Cover E9 Click 3m Opal				•	•			
0022635	Ending Recess 20 (x20)	•							
0022636	Ending Semi Deep Surface 16 (x20)		•						
0022637	Ending Semi Deep Surface 20 (x20)				•				
0022638	Ending Shallow Wide Surface 30 (x20)					•			
0022639	Ending Deep Wide Surface 30 (x20)				•				
0022640	Ending Shallow Narrow (x20)						•		
0022641	Ending Corner Surface 14 (x20)							•	
0022649	Ending for D9 Cover (x20)				•	•			
0022650	Ending for E9 Cover (x20)				•	•			
0022643	Holder U4 Inox (x20)		•						
0022644	Holder U7 Recess (x20)	•							
0022645	Holder T (x20)			•	•	•	•	•	
0022646	Mounting Clips Recess 20 (x20)	•							
0022647	Double Sided Tape 15mm x 50m								•



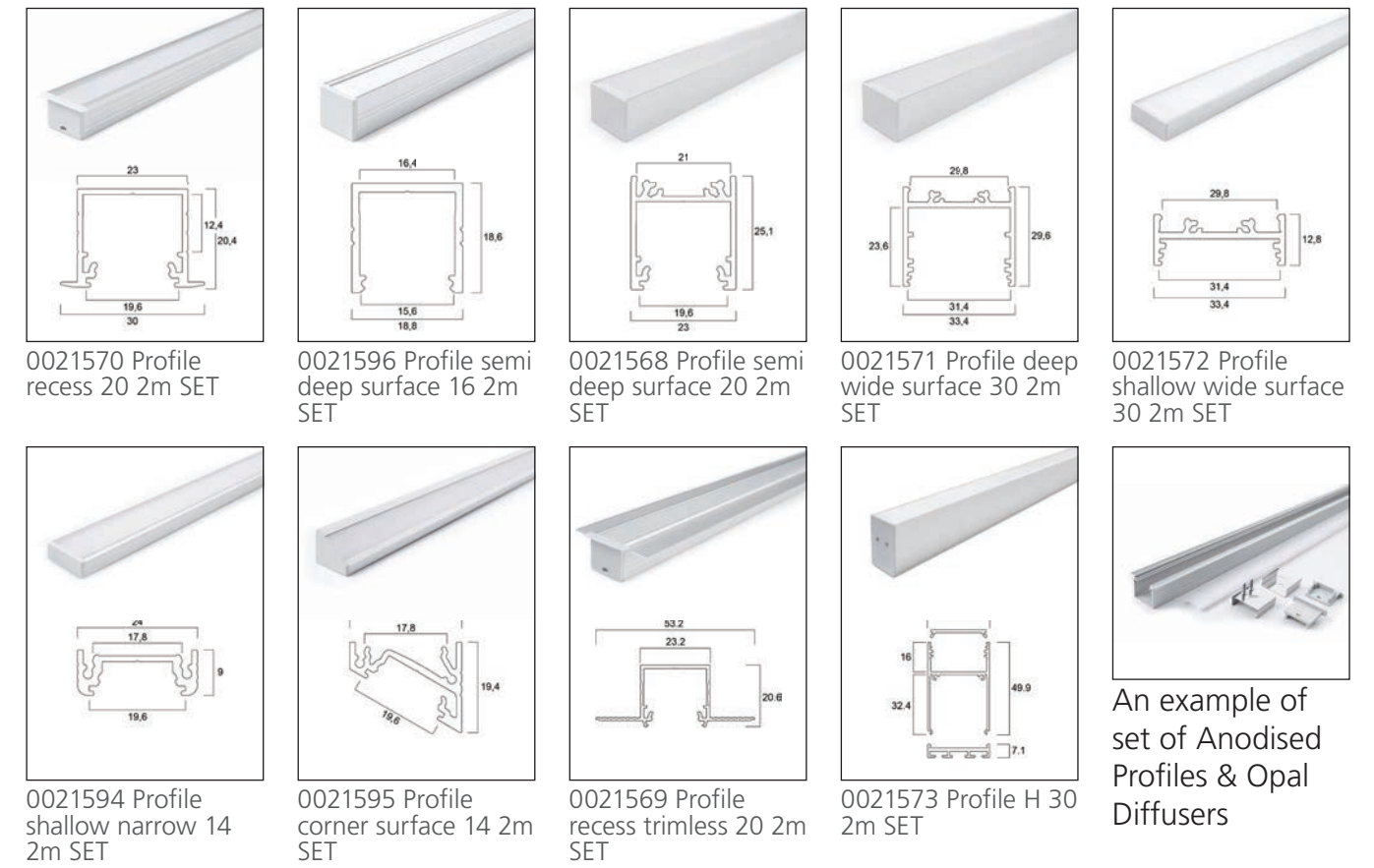


Connectors with Flex Pro / START Flex

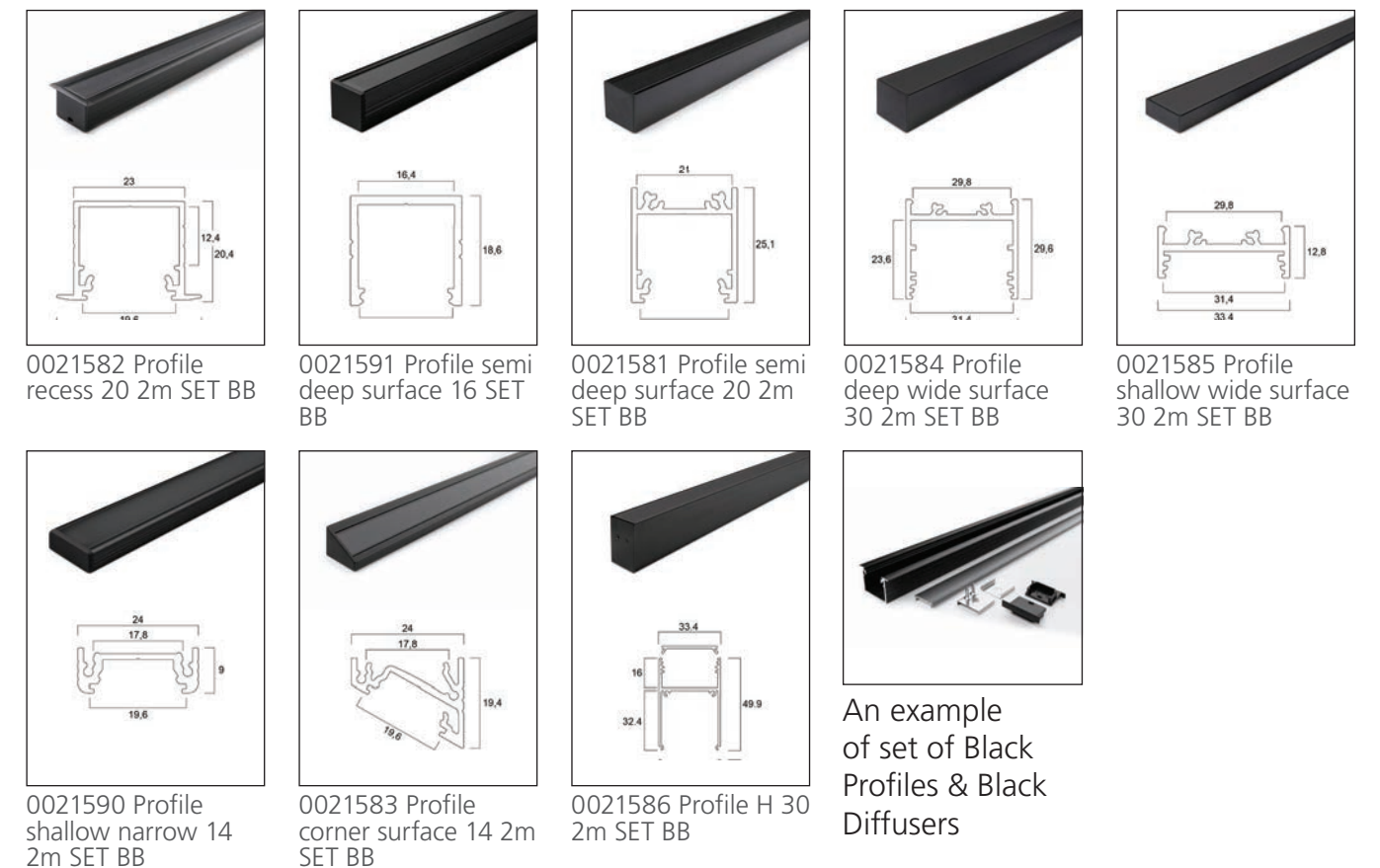
LO = Low Output, MO = Medium Output, HO = High Output

Code	Descriptopn	Max width of the connector (mm)	Flex Pro LO / START Flex IP20	Flex Pro MO, HO/ START Flex HO IP20	Flex Pro LO/ START Flex IP65	Flex Pro MO, HO/ START Flex HO IP65	START eco Flex IP67	START eco Flex RGB IP20	START eco Flex RGB IP67	START eco Flex RGBW IP20	START eco Flex RGBW IP67
<b>Accessories - Connectors</b>											
0068004	START Flex IP20 Straight connector x 10	12.5	•								
0068006	START Flex IP20 Connector x 5 + 1m lead	12.2	•								
0068010	START Flex IP20 Corner connector x 10	12.2	•								
0068021	START Flex HO IP20 Straight connector x 10	14.5		•							
0068022	START Flex HO IP20 connector x 5 + 1m lead	14.2		•							
0068023	START Flex HO IP20 Corner connector x 10	14.2		•							
0068007	START Flex IP65 Straight conn. x 10 (PCB to PCB)	15			•						
0068027	START Flex IP65 Straight conn. x 5 + 1m lead	15			•						
0068012	START Flex IP65 Corner connector x 5	15			•						
0068008	START Flex HO IP65 Straight conn x 10	17				•					
0068028	START Flex HO IP65 Straight conn x 5 + 1m lead	17				•					
0068009	START Flex HO IP65 Corner connector x 5	17				•					
0068030	START Flex IP67 Straight connector x 5 + 2m lead	20					•				
0068029	START Flex IP67 Straight Connector x 5	20					•				
0068013	START Flex IP67 Corner connector x 5	20					•				
0068005	START Flex IP20 RGB Straight connector x 10	14.8						•			
0068134	START Flex IP20 RGB Straight conn. x 5 + 1m lead	14.8						•			
0068011	START Flex IP20 RGB Corner connector x 10	14.8						•			
0068014	START Flex IP67 RGB Corner connector x 5	17.5							•		
0068026	START Flex IP67 RGB Straight connector x 5	17.5							•		
0068034	START Flex IP67 RGB Straight conn. x 5 + 2m lead	17.5							•		
0068136	START Flex IP20 RGBW Straight connector x 10	16.8								•	
0068133	START Flex IP20 RGBW Straight conn. x 5 + 1m lead	16.8								•	
0068137	START Flex IP20 RGBW Corner connector x 10	16.8								•	
0068033	START Flex IP20 RGBW Corner connector x 5	19.5									•
0068032	START Flex IP20 RGBW Straight connector x 5	19.5									•
0068031	START Flex IP20 RGBW Straight conn. x 5 + 2m lead	19.5									•

Sets of Anodised Profiles & Opal Diffusers

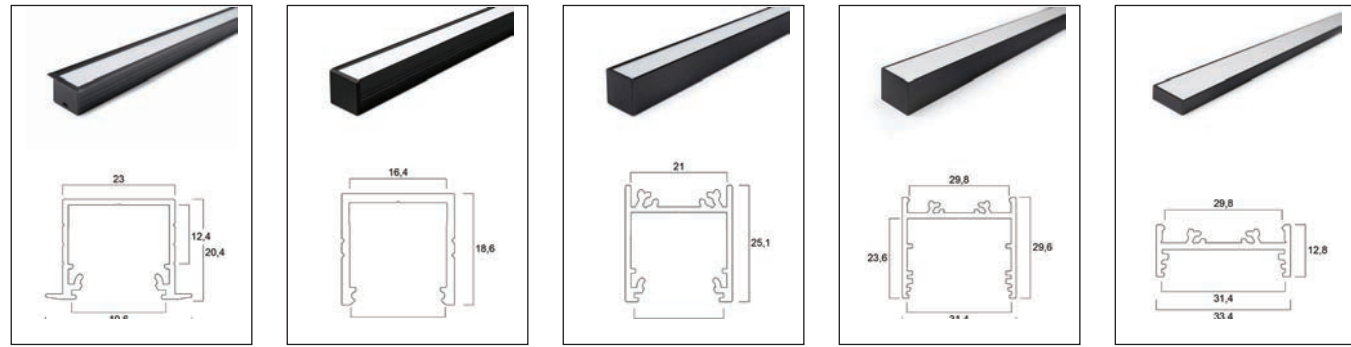


Sets of Black Profiles & Black Diffusers





## Sets of Black Profiles & Opal Diffusers



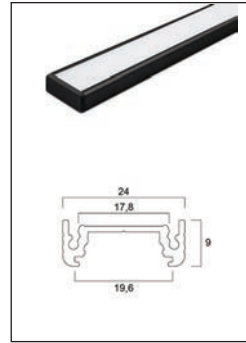
0021575 Profile recess 20 2m SET BW

0021589 Profile semi deep surface 16 SET BW

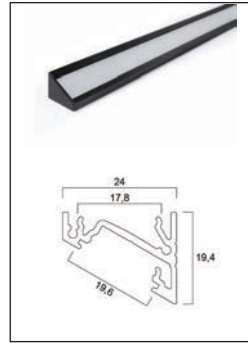
0021581 Profile semi deep surface 20 2m SET BB

0021578 Profile deep wide surface 30 2m SET BW

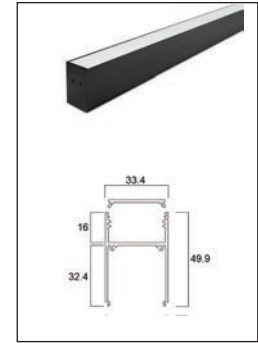
0021579 Profile shallow wide surface 30 2m SET BW



0021588 Profile shallow narrow 14 2m SET BW



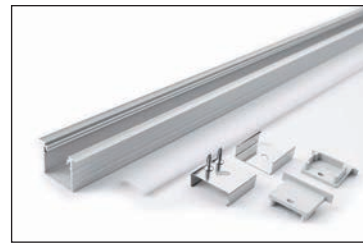
0021576 Profile corner surface 14 2m SET BW



0021580 Profile H 30 2m SET BW



An example of set of Black Profiles & Opal Diffusers



Anodised Profiles & Opal Diffusers

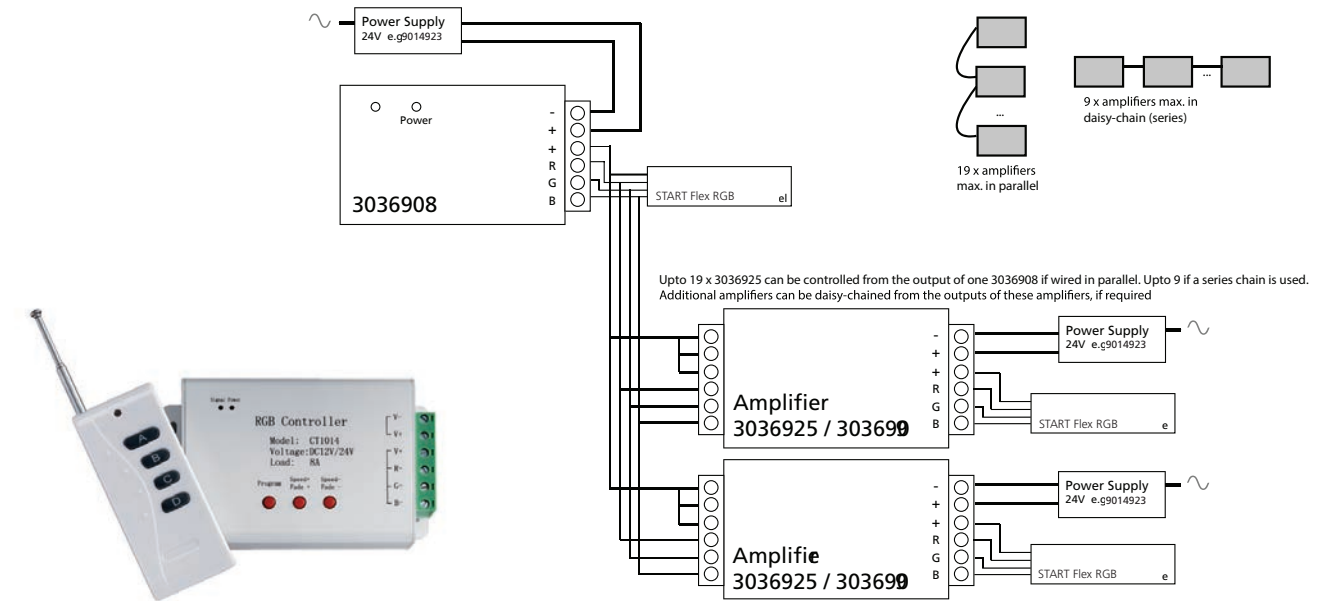


An example of set of Black Profiles & Black Diffusers

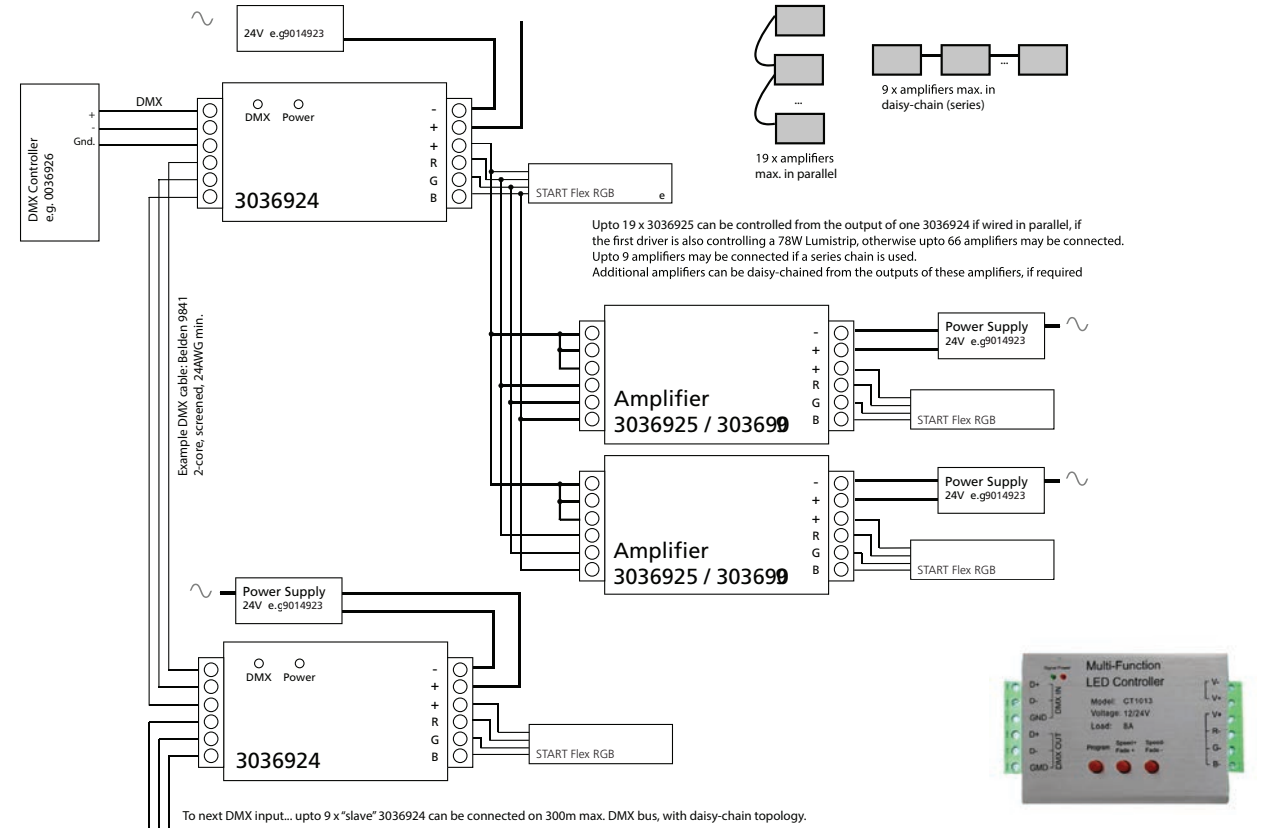


An example of set of Black Profiles & Opal Diffusers

## START Flex RGB Controllers



Code	Description
3036908	RGB Controller incl unit
3036909	RGB Amplifier 30 Amp
3036925	RGB Amplifier 10 Amp



Code	Description
3036924	RGB Controller with DMX Input
0036926	DMX Controller Wall mount. LCD
0036927	Fascia Wall Mtg. DMX Ctrl BSS
0036928	Fascia Wall Mtg. DMX Ctrl WHIT



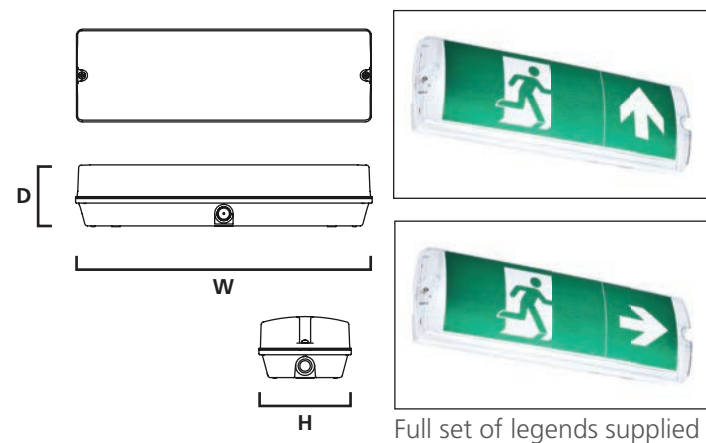


# START<sup>TM</sup> eco Emergency Bulkhead



## Features

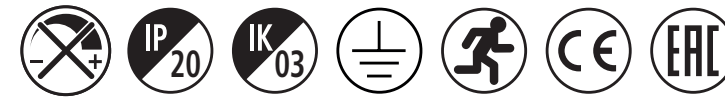
- Efficient LED emergency bulkhead
- 3 hour maintained or non maintained for internal & external application
- Manual test as standard
- Manufactured in robust housing to an impact rating of IK07 and is IP65 rated
- A full pack of ISO7010 compliant legends supplied
- Offering 170 lumen output with lifetime of 30,000 hours
- Complete with screws, washers and IP rated cable gland / clamp
- Housing RAL 9003 Signal White
- Push in terminal block
- Battery: 1800mAh 3.6V Ni-Cd
- Efficient thermal design: ta 0 to +35°C
- Complies with EN60598-2-22



Full set of legends supplied

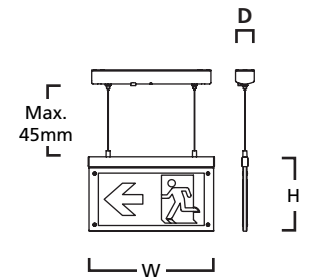
Size (W x H x D)	Wattage	Lumen
346mm x 110mm x 60mm	3.5W	170lm

# START<sup>TM</sup> eco Emergency Exit



## Features

- Double sided 3 hour emergency exit signage (can be used as one sided if preferred)
- Surface mounted and suspended options available
- Surface mounted version can be used for wall or ceiling mounting with a 90 degree rotation
- Manual test function (including a test button)
- Maintained operation
- 3 hour maintained emergency
- Products include 7 ISO7010 Legends supplied. Left, Right, 2 x Up, 2 x Down and Blank
- Battery: 900mAh 3.6V Ni-Cd
- Efficient thermal design: ta 0 to +35°C
- Complies with EN60598-2-22
- Viewing Distance calculated to 30m

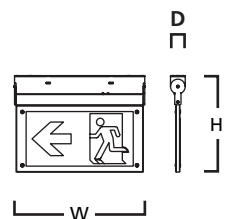


Size (W x H x D)

300mm x 185mm x 245mm

Wattage

2W



Size (W x H x D)

310mm x 230mm x 35mm

Wattage

3W



For ordering guide please visit page 151.

\* Battery warranty 1 year

sylvania-lighting.com

For ordering guide please visit page 151.

\* Battery warranty 1 year

sylvania-lighting.com

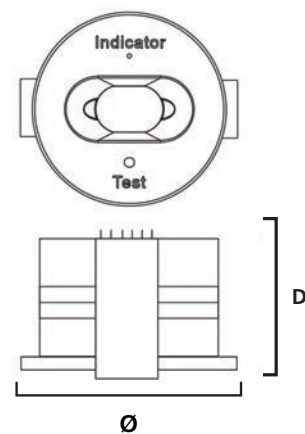


# START<sup>TM</sup> eco Emergency Spot



## Features

- Recessed 3 hour emergency luminaires with a choice of open area or corridor versions
- Efficient LED technology, 170lm and 1.3w
- Non Maintained 3 hour emergency with manual test
- Complies with EN 60598-2-22
- RAL9003 Signal White bezel
- Ni-Cd Battery
- Polycarbonate Housing
- 35mm cut out
- Lifespan : 30,000 hours (L70B50)



Size (Ø x D)	Cut Out	Wattage	Lumen
Ø45mm x 22mm	Ø35	1.3W	170lm



For ordering guide please visit page 151.

\* Battery warranty 1 year

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# START<sup>TM</sup> eco Batten IP65



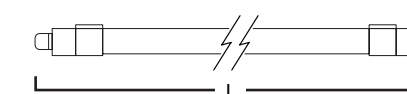
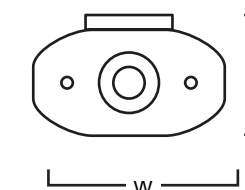
## Features

- Ideal solution for moisture protection in applications such as back of house, workshops, garages and outdoor covered spaces.
- Energy efficient, up to 144lm/W
- Slimline versatile LED waterproof batten
- High lumen output, up to 6,000lm, Twin 1500mm
- Linkable (through wiring)
- Complete with stainless steel mounting brackets
- Available in 3,000K\* or 4,000K
- Lifespan: 50,000 hours (L70B50)

### Single



### Twin



Size (L x W x H)	Wattage	Lumen
1,280mm x 43mm x 50mm	18W	2,600lm
1,260mm x 80mm x 55mm	36W	5,200lm
1,570mm x 43mm x 50mm	23W	3,300lm
1,560mm x 80mm x 55mm	42W	6,000lm

For ordering guide please visit page 151.

\* on demand

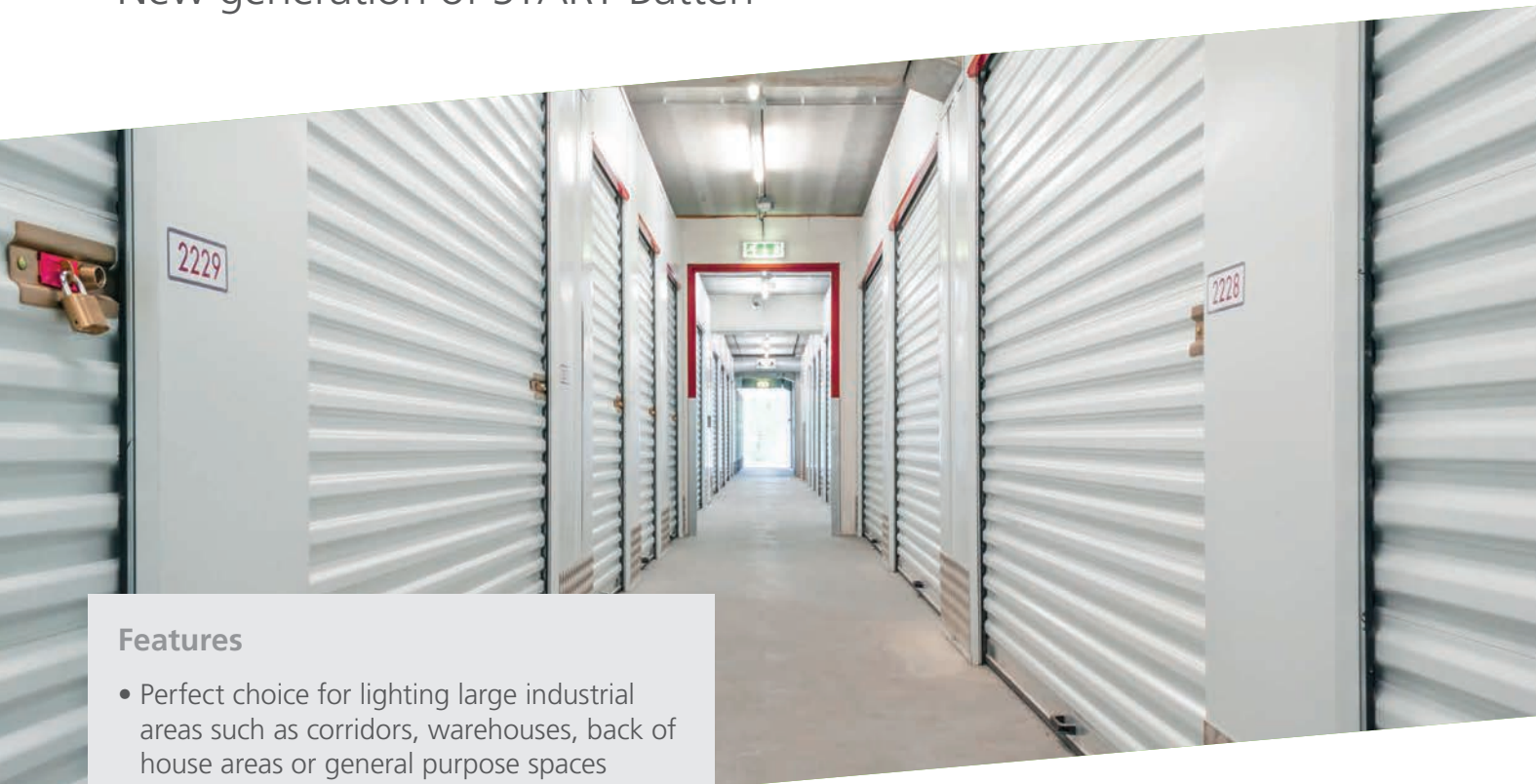
sylvania-lighting.com



# SYLVANIA Wayline



New generation of START Batten



## Features

- Perfect choice for lighting large industrial areas such as corridors, warehouses, back of house areas or general purpose spaces
- Range of LED battens in three different lengths: 600mm, 1200mm and 1500mm
- High performance: delivers up to 8400lm (luminaire lumen output on 4000K Standard, Microwave and Emergency version), and up to 144lm/W (total system efficacy)
- Ease of installation through 2-part housing push-in design
- Through wiring available
- End cap incorporates 20mm conduit knock out, if required
- Suitable for direct fix and suspension
- BESA box connection on each fitting
- Safety cable included for ease of installation
- Available in 3,000K or 4,000K
- Lifespan: 90,000 hours (L70B50)



Size (L x W x H)	Wattage	Lumen
672mm x 70mm x 76.5mm	9W	1200lm
672mm x 70mm x 76.5mm	21W	2900lm
1220mm x 70mm x 76.5mm	23W	3200lm
1220mm x 70mm x 76.5mm	40W	5700lm
1523mm x 70mm x 76.5mm	36W	5200lm
1523mm x 70mm x 76.5mm	60W	8400lm

# SYLVANIA LED Batten



## Features

- Ideal solution for interior applications such as kitchens, living rooms, corridors and smaller commercial areas
- Full range of LED battens to replace traditional fluorescent fixtures (600mm, 1200mm, 1500mm & 1800mm)
- Single and Twin LED batten luminaires available
- Impressive performance with up to 5,600lm output
- Highly efficient - up to 122lm/W
- Quick installation through easy wiring system, no screwdriver needed
- Available in 4,000K
- Lifespan: 25,000 hours (L70B50)



## Single

Size (L x W x H)	Wattage	Lumen
600mm x 37mm x 46mm	8W	920lm
1200mm x 37mm x 46mm	16W	1,920lm
1500mm x 37mm x 46mm	18W	2,400lm
1800mm x 37mm x 46mm	24W	3,250lm

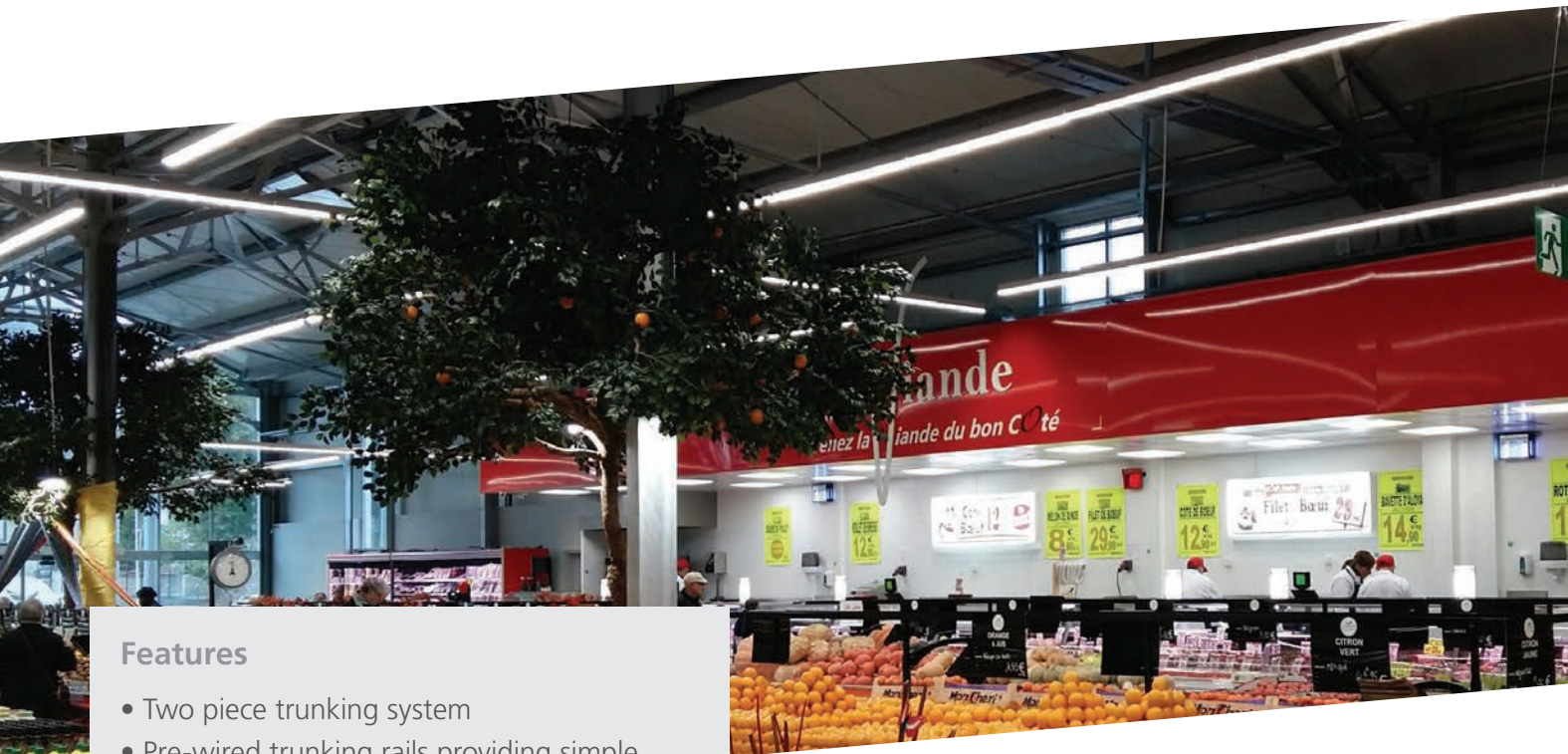


## Twin

Size (L x W x H)	Wattage	Lumen
600mm x 82mm x 48mm	16W	1,800lm
1200mm x 82mm x 48mm	30W	3,300lm
1500mm x 82mm x 48mm	36W	4,100lm
1800mm x 82mm x 48mm	48W	5,600lm

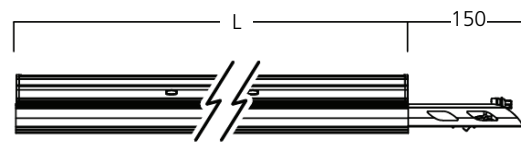


# SYLVANIA RTS Rail & Trunking System



## Features

- Two piece trunking system
- Pre-wired trunking rails providing simple design and less site installation time
- Various accessories provided to meet the needs of the most rigorous specification
- Optical options offers product flexibility, regardless of installation height
- Supply Rails: Supplied in 2,5mm conductor 5, 8 & 12 wire to accept mains, DALI or 1-10V dimming & Emergency options
- Steel Rail: Power rail manufactured in high performance steel for rigidity coloured in RAL9016 White
- Uniform Lighting: Effective lighting providing uniformity and low glare
- Long lifespan: 120,000 hours (L70B50)



Version	0.6m	0.9m	1.2m	1.5m	2.4m	3m	3.6m	4.5m
L	600	900	1202	1500	2403	2403	3605	4500



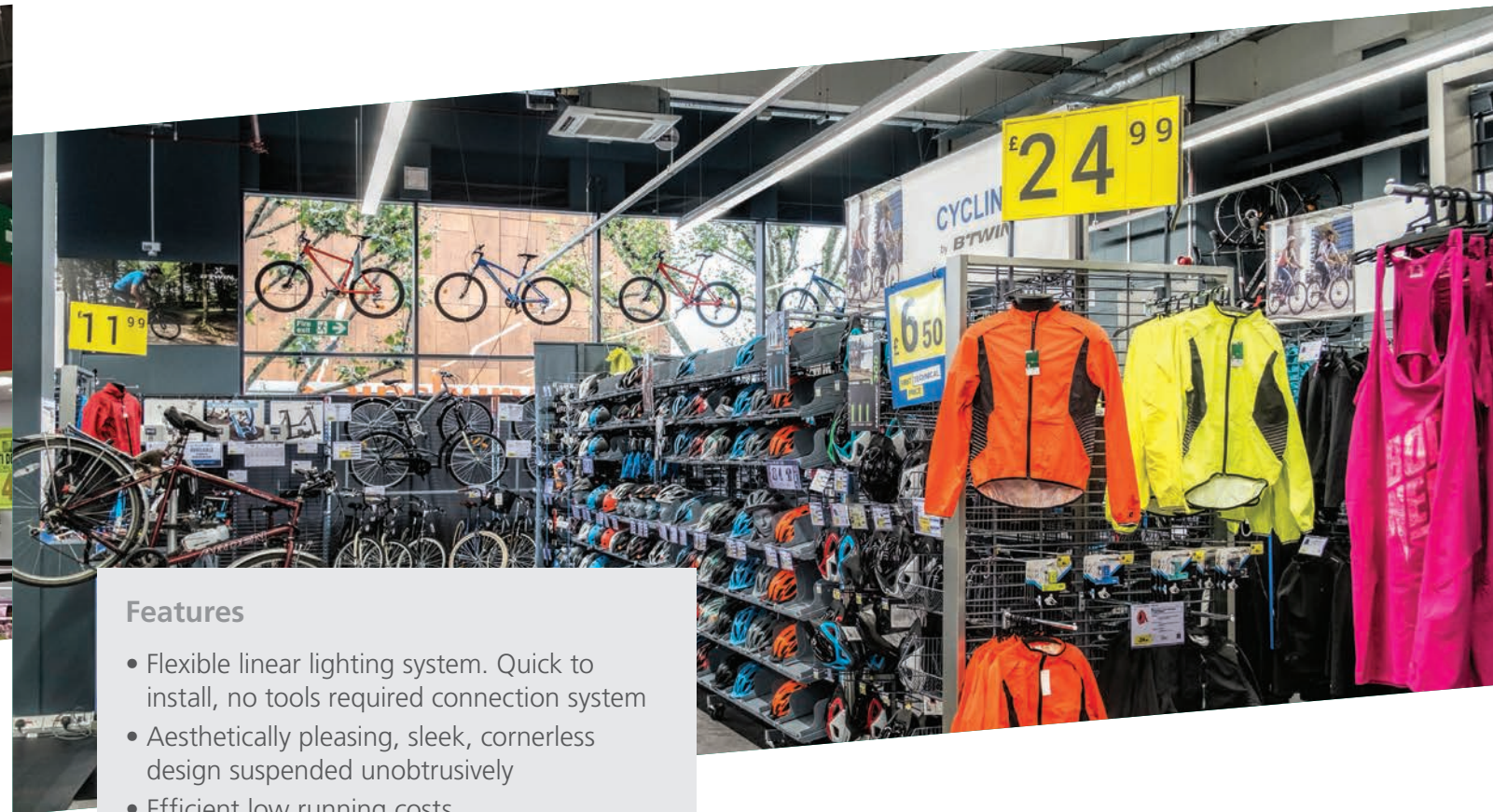
Version	1.2m	1.5m	2.3m	3m
L	1209	1508	2411	3008



For ordering guide please visit page 153.

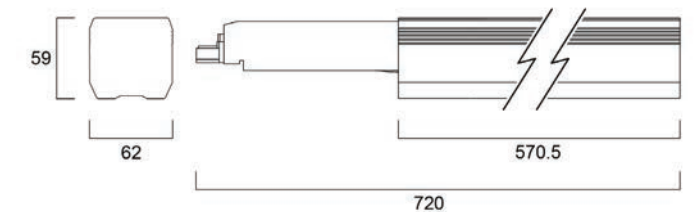
sylvania-lighting.com

# SYLVANIA Isoline



## Features

- Flexible linear lighting system. Quick to install, no tools required connection system
- Aesthetically pleasing, sleek, cornerless design suspended unobtrusively
- Efficient low running costs
- Pre-wired system providing simple design and less site installation time
- Various accessories provided to meet the needs of the most rigorous specification
- Lighting control options to manage light output and utility costs
- High output, low glare
- Optical options full range of light distributions to match any space
- Long lifespan: 60,000 hours (L70B50)



Size (L x W x H)	Wattage	Lumen
296mm x 62mm x 59mm	XXW	XX,XXXlm
720mm x 62mm x 59mm	XXW	XX,XXXlm
1,840mm x 62mm x 59mm	XXW	XX,XXXlm
3,530mm x 62mm x 59mm	XXW	XX,XXXlm



For ordering guide please visit page 154.

sylvania-lighting.com

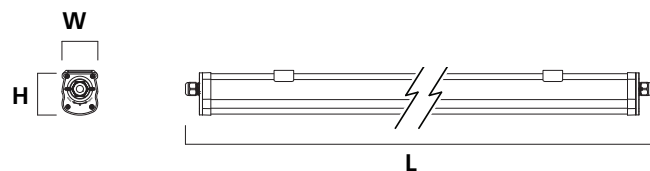


# START Waterproof Slim



## Features

- Ideal solution for applications such as workshops, garages and outdoor covered spaces
- Efficiency up to 130 lm/W
- Slim housing design only 63mm wide
- Wide range of lumen output versions available
- Available in 600mm, 1200mm & 1500mm nominal lengths
- Extruded polycarbonate housing
- Through wiring as standard
- Freely positionable mounting brackets
- Available in 4,000K
- Long lifespan: 100,000 hours (L70B50)



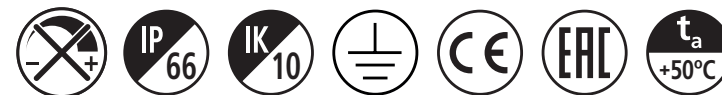
Size (L x W x H)	Wattage	Lumen
648mm x 63mm x 80mm	19W	2,400lm
1,208mm x 63mm x 80mm	19W	2,400lm
1,208mm x 63mm x 80mm	35W	4,550lm
1,489mm x 63mm x 80mm	28W	3,650lm
1,489mm x 63mm x 80mm	50W	6,500lm



For ordering guide please visit page 156.

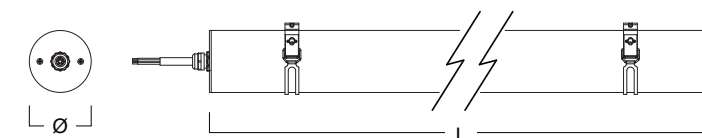
sylvania-lighting.com

# START Waterproof Tubular



## Features

- Architectural solution for applications such as car parks, transit areas, storage / warehouses as well as under canopy for external location
- High efficiency up to 148lm/W
- 1200mm and 1500mm nominal lengths
- Breather valve allows for use in changing ambient humidity and temperature
- 304 stainless steel fixing brackets for ceiling mounting
- Suspended solution with additional accessory
- Available in 3,000K or 4,000K
- Long lifespan: 90,000 hours (L70B50)



Size (Ø x H)	Wattage	Lumen
ø70mm x 1,195mm	35W	5,000lm
ø70mm x 1,495mm	50W	7,400lm



For ordering guide please visit page 156.

sylvania-lighting.com

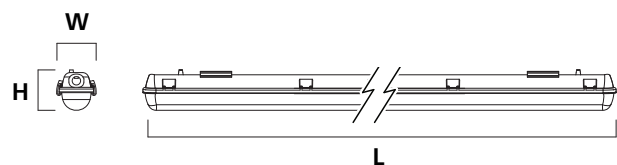


# START Waterproof Housing



## Features

- Applications include industrial facilities, garages, car parks and workshops for use with LED tubes
- 1200mm & 1500mm single & twin lamp versions
- Polycarbonate housing
- Luminous flux and light colour customised depending on your choice of LED tube
- Future proof - compatible with all future Sylvania LED tube upgrades (mains and universal)
- Easy to install with stainless steel fixing brackets for ceiling mounting
- Tubes sold separately



Size (L x W x H)	Equivalent*
1,260mm x 69mm x 78mm	1 x 36W
1,260mm x 99mm x 78mm	2 x 36W
1,560mm x 69mm x 78mm	1 x 58W
1,560mm x 99mm x 78mm	2 x 58W

\*Traditional fluorescent equivalents



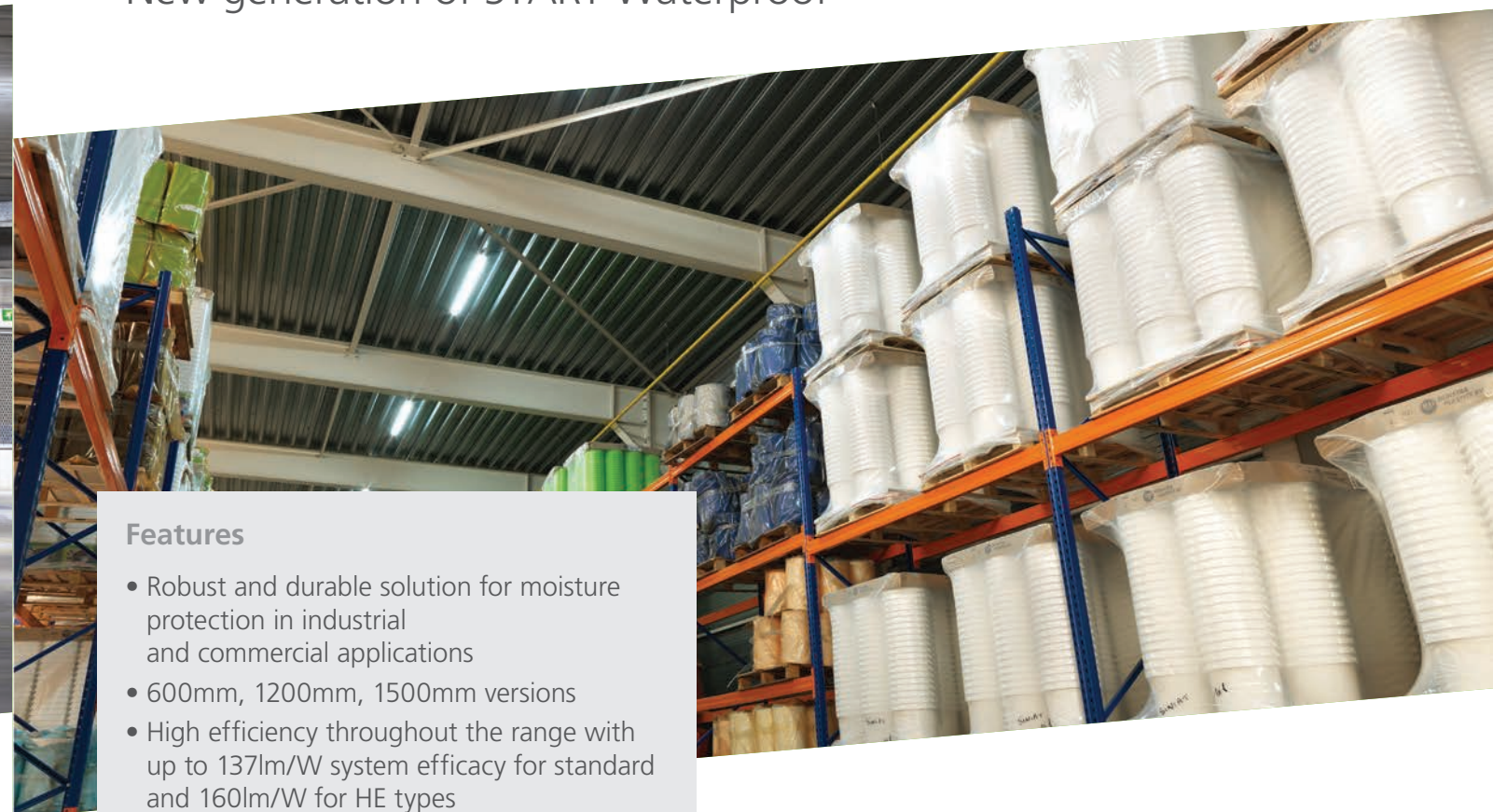
For ordering guide please visit page 156.

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# SYLVANIA Resisto

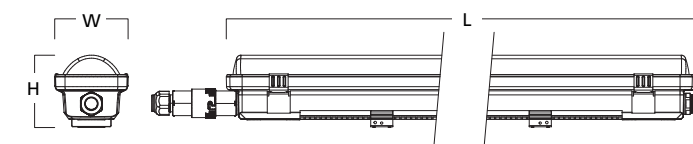


New generation of START Waterproof



## Features

- Robust and durable solution for moisture protection in industrial and commercial applications
- 600mm, 1200mm, 1500mm versions
- High efficiency throughout the range with up to 137lm/W system efficacy for standard and 160lm/W for HE types
- Smooth body finish and flat diffuser design for optimising LED output
- UV stabilised polycarbonate body – no yellow discolouration over time
- Stainless steel fixing brackets for ceiling and wall mounting
- Through wiring version available, suspension compatible
- Available in 3-hour maintained emergency version
- Available in 3000K, 4,000K or 6,500K
- Long lifespan: 100,000 hours (L70B50)



Size (L x W x H)	Wattage*	Lumen*
650mm x 87.5mm x 80mm	11W	1,400lm
650mm x 87.5mm x 80mm	19W	2,450lm
1200mm x 87.5mm x 80mm	21W	2,750lm
1200mm x 87.5mm x 80mm	37W	4,800lm
1500mm x 87.5mm x 80mm	30W	3,950lm
1500mm x 87.5mm x 80mm	54W	7,050lm

\*preliminary data



For ordering guide please visit page 157.

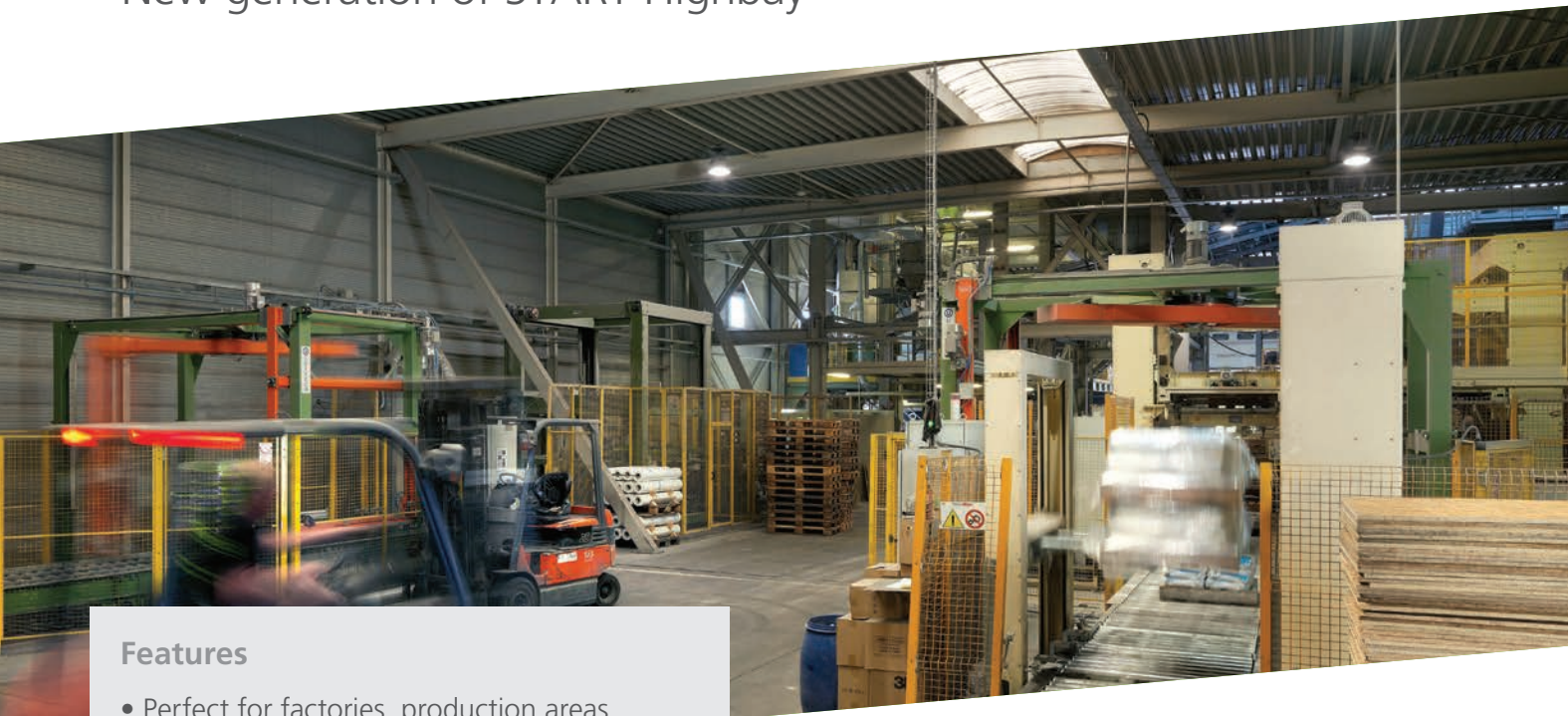
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# SYLVANIA Granit



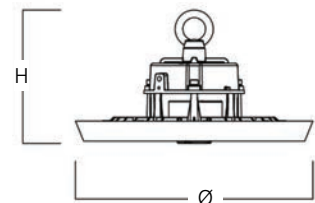
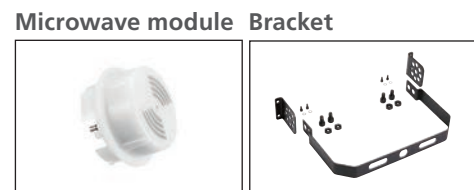
New generation of START Highbay



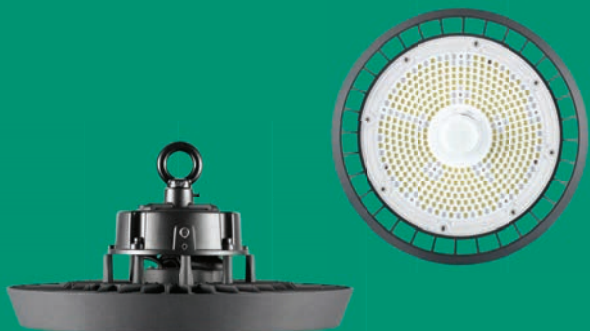
## Features

- Perfect for factories, production areas, storage warehouses and industrial areas
- High performance: delivers up to 31,000lm (220W version)
- Energy efficient, up to 140lm/W
- 4 different lumen packages and 2 different beam angles (medium and wide)
- Low glare value, UGR <25 (WB), UGR <22 (MB) for industrial applications
- Microwave sensor and decorative shade accessory options
- Available in 4,000K or 6,500K
- Long lifespan: 90,000 hours (L70B50)

## Accessories



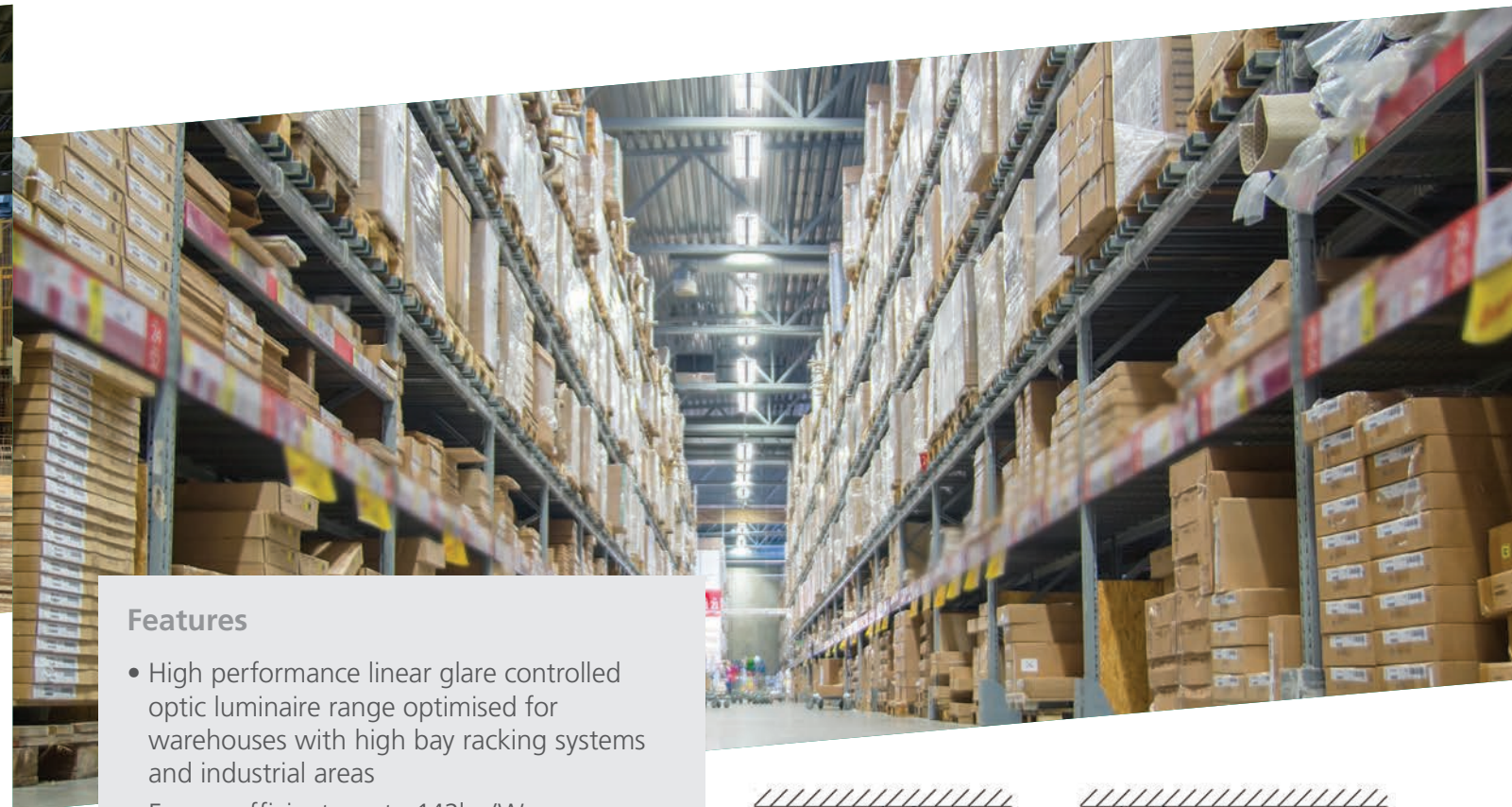
Size (Ø x H)	Wattage	Lumen
ø270mm x 170mm	100W	13,000lm
ø296mm x 177mm	150W	19,500lm
ø339mm x 194mm	200W	26,000lm
ø339mm x 194mm	226W	31,000lm



For ordering guide please visit page 159.

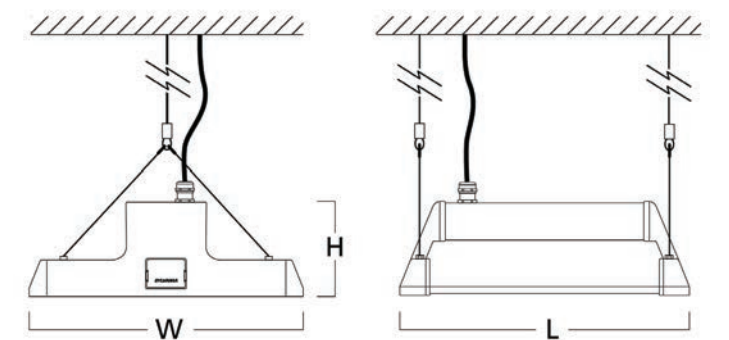
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# SYLVANIA Sylbay

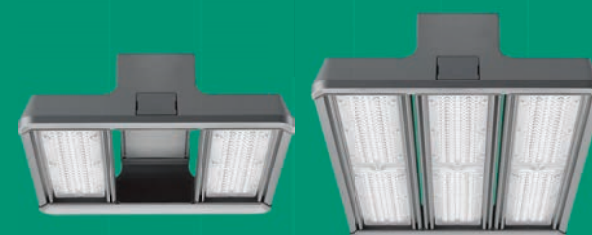


## Features

- High performance linear glare controlled optic luminaire range optimised for warehouses with high bay racking systems and industrial areas
- Energy efficient, up to 142lm/W
- Wide range of lumen outputs 9,000lm to 45,000lm
- Powder-coated die-cast/extruded Aluminium body & PC lenses
- Available in grey finish (RAL7012)
- Suspension and Surface Mount fixing options
- Mounting - steel coated suspension brackets for suspended, track or ceiling mount
- 3 hour emergency accessory available
- Available in 4,000K
- Long lifespan: 72,000 hours (L70B50)



Type	Size (W x L x H)	Wattage	Lumen
Sylbay L2	386mm x 410mm x 133mm	57W	9,100lm
Sylbay L2	386mm x 410mm x 133mm	95W	14,200lm
Sylbay L2	386mm x 410mm x 133mm	135W	19,000lm
Sylbay L3	386mm x 410mm x 133mm	165W	24,000lm
Sylbay L4	386mm x 726mm x 133mm	205W	31,000lm
Sylbay L4	386mm x 726mm x 133mm	268W	37,300lm
Sylbay L6	386mm x 726mm x 133mm	327W	47,400lm



For ordering guide please visit page 160.

sylvania-lighting.com



# START Flood Flat



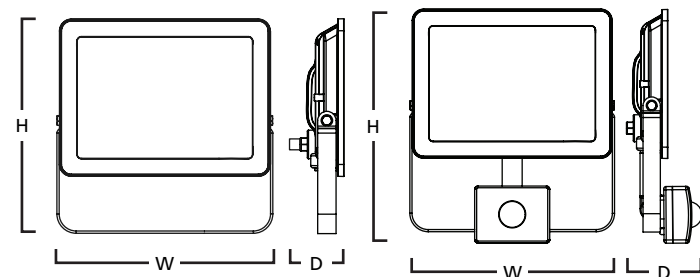
## New Generation of Start eco Flood Flat

0-30W: IK06, 50-100W: IK07 impact resistant, sensor: IK05



### Features

- Slim LED exterior floodlight with / without presence sensor (PIR)
- Sensor adjustment : lux (0 to 1000 lux) and time (10 secs to 12 min)
- Ideal for building facades, small car parks, garage entrances and pathways
- Energy efficient, up to 95lm/W
- IP65 rated, sensor version IP54
- Lightweight, durable, die-cast aluminium body
- Universal mounting bracket allows wall or surface mounting with the possibility of tilting upwards or downwards
- Quick and easy to install with 1m pre-wired stripped cable and fitting bracket
- Black or White body colour options
- Operating temperature -20°C to +40°C
- Available in 3,000K or 4,000K
- Lifespan: 90,000 hours (L70B50)



Size (W x H x D)	Wattage	Lumen
114mm x 96mm x 38mm	10W	950lm
156mm x 126mm x 38mm	30W	2,850lm
193mm x 190mm x 48mm	50W	4,750lm
193mm x 190mm x 48mm	70W	6,650lm
283mm x 263mm x 44mm	100W	9,500lm
*156mm x 178mm x 67mm	11W	950lm
*156mm x 178mm x 67mm	31W	2,850lm
*193mm x 211mm x 70mm	51W	4,750lm

\*PIR version



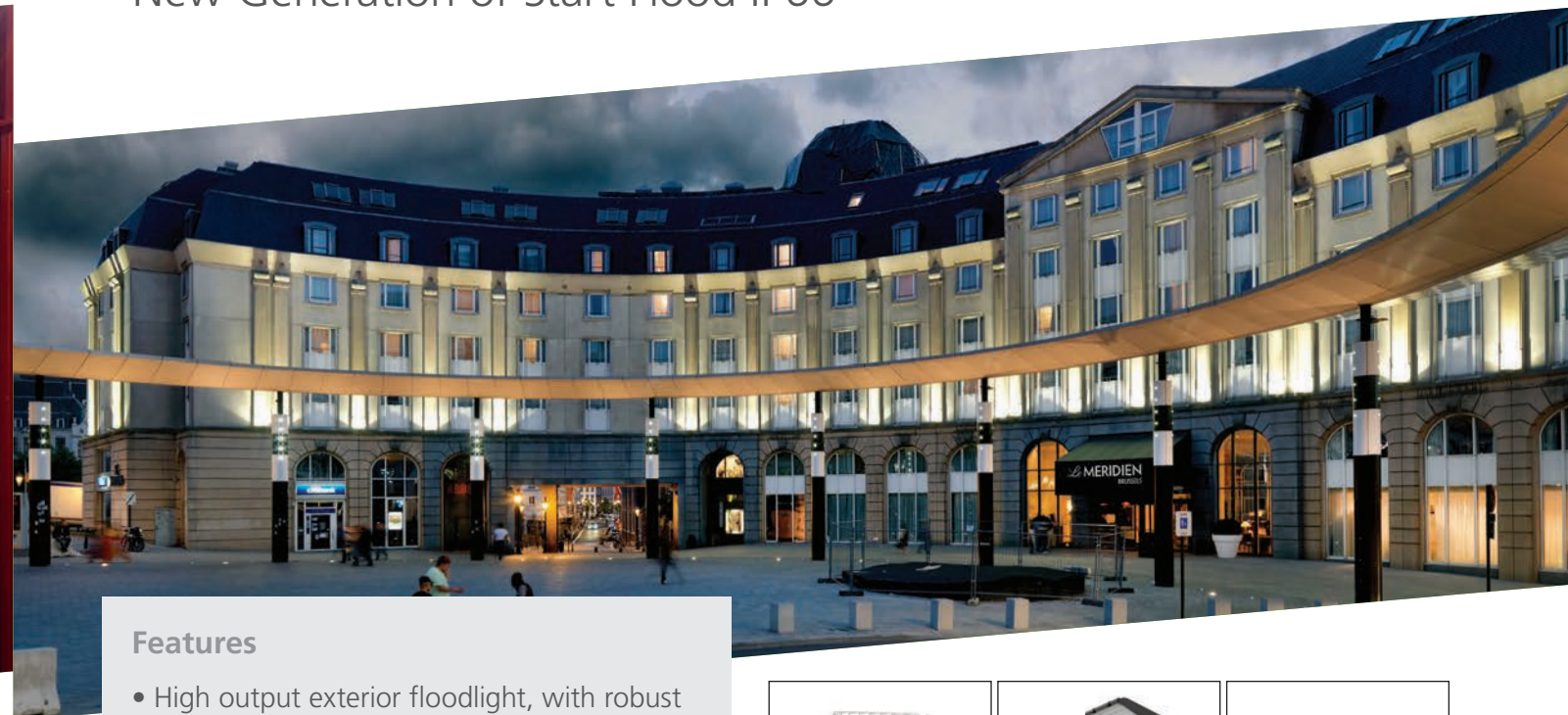
For ordering guide please visit page 161.

sylvania-lighting.com

# SYLVANIA Kalani



## New Generation of Start Flood IP66

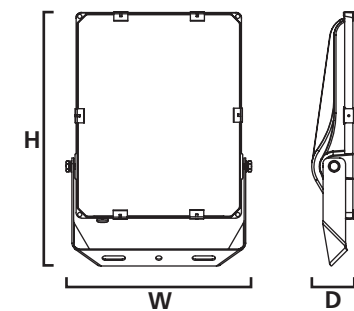


### Features

- High output exterior floodlight, with robust die-cast aluminium body
- Perfect for replacement of 400W traditional fittings used for building facades, car parks or construction areas
- Energy efficient upto 140lm/W, tiltable with wide or asymmetric versions
- Quick and easy to install with 1m pre-wired stripped cable and mounting bracket
- Accessories include wire guard, post top adaptor (42/60/76mm) and pole clamp
- Available in 3000K and 4,000K
- Long lifespan: 100,000 hours (L70B50)



Wire Guard Post Top Adaptor Post Top Clamp



Size (W x H x D)	Wattage	Lumen
240mm x 314mm x 63mm	50W	6,700lm
330mm x 418mm x 77mm	100W	14,000lm
330mm x 451mm x 77mm	150W	20,800lm
395mm x 494mm x 87mm	200W	27,600lm
465mm x 567mm x 97mm	300W	41,800lm



For ordering guide please visit page 162.

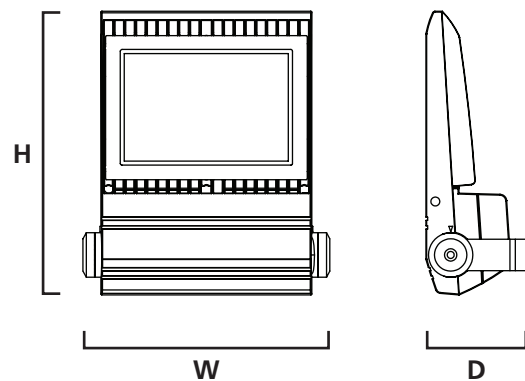
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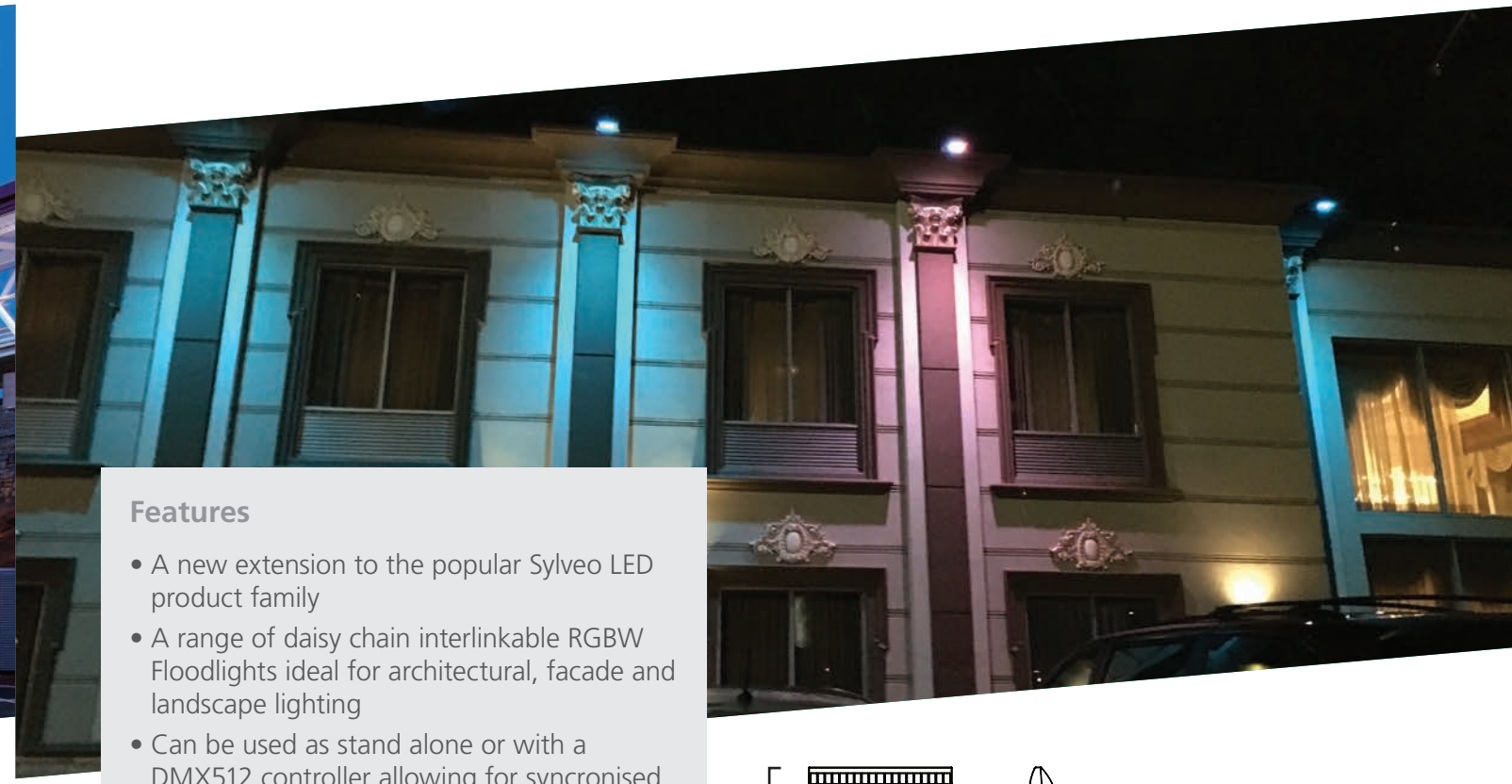
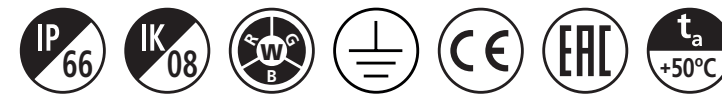


### Features

- A full range of outdoor & indoor LED floodlights to replace traditional HID
- Perfect for lighting industrial areas, parking areas, building facades, billboards and small recreational facilities. Aquatic versions available for swimming pools
- Comes in 5 sizes and 3 different beam angles
- Energy efficient, up to 125lm/W
- Slim profile assures ease of installation
- 1M cable included with the product so no need to open the gear box during installation
- Comes complete with an adjustable bracket for mounting
- Universal pole top adapter available as an accessory for small, medium and large floodlights
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)

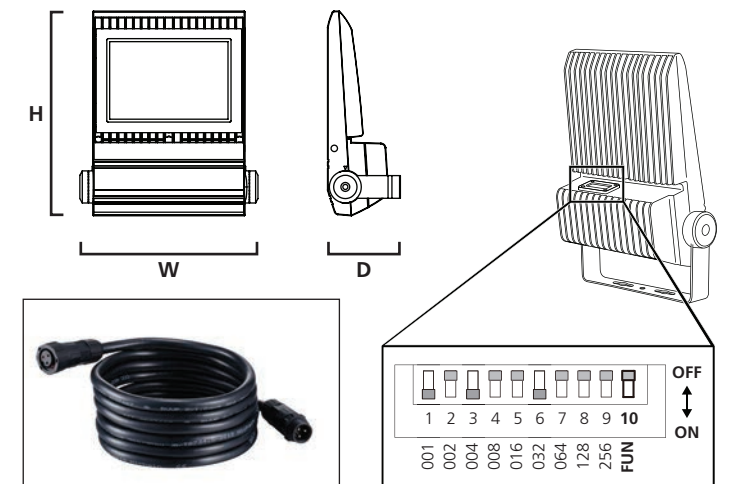


Size (W x H x D)	Wattage	Lumen
205mm x 219mm x 59mm	30W	3,200lm
290mm x 333mm x 66mm	80W	9,500lm
344mm x 392mm x 98mm	120W	14,000lm
496mm x 392mm x 98mm	200W	23,000lm
648mm x 392mm x 98mm	300W	33,000lm



### Features

- A new extension to the popular Sylveo LED product family
- A range of daisy chain interlinkable RGBW Floodlights ideal for architectural, facade and landscape lighting
- Can be used as stand alone or with a DMX512 controller allowing for synchronised lighting effects
- IP protected DMX address window allows easy access for addressing
- Complete with adjustable mounting bracket for and 1m cable
- 2M extension cable available as an accessory to extend the length between each fixture (from 2M to 4M)
- Colour change effects and single colour outputs also available in standalone mode (No DMX)
- Long lifespan: 50,000 hours (L70B50)



2m Extension

Size (W x H x D)	Wattage	Lumen
241mm x 287mm x 97mm	30W	1,450lm
241mm x 287mm x 97mm	50W	2,500lm
290mm x 333mm x 99mm	100W	4,850lm
507mm x 415mm x 128mm	170W	8,300lm





# START<sup>TM</sup> eco Spikelight IP67

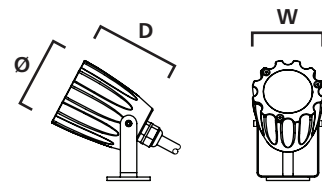


## Features

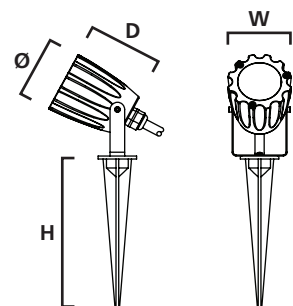
- Designed for residential landscape lighting such as gardens offering ambient or directional spot lighting
- High performance: delivers up to 360lm, and up to 72lm/W (total system efficiency)
- Robust design meets IK08 requirements.
- Ground and Wall mounting options
- Exterior fixture which can also be used without spike as a wall mounted accent spot
- Available in 3,000K or 4,000K
- Lifespan: 30,000 hours (L70B50)



## Surface mount spot

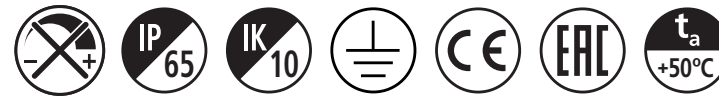


## Spot complete with spike



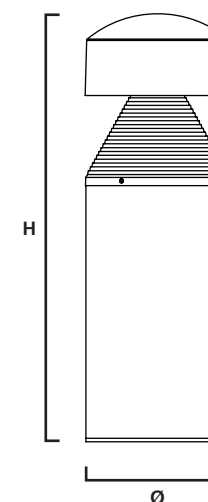
Size (Ø x H x D)	Spike (H)	Wattage	Lumen
70mm x 70mm x 82mm	170mm	5W	360lm

# START<sup>TM</sup> Bollard IP65



## Features

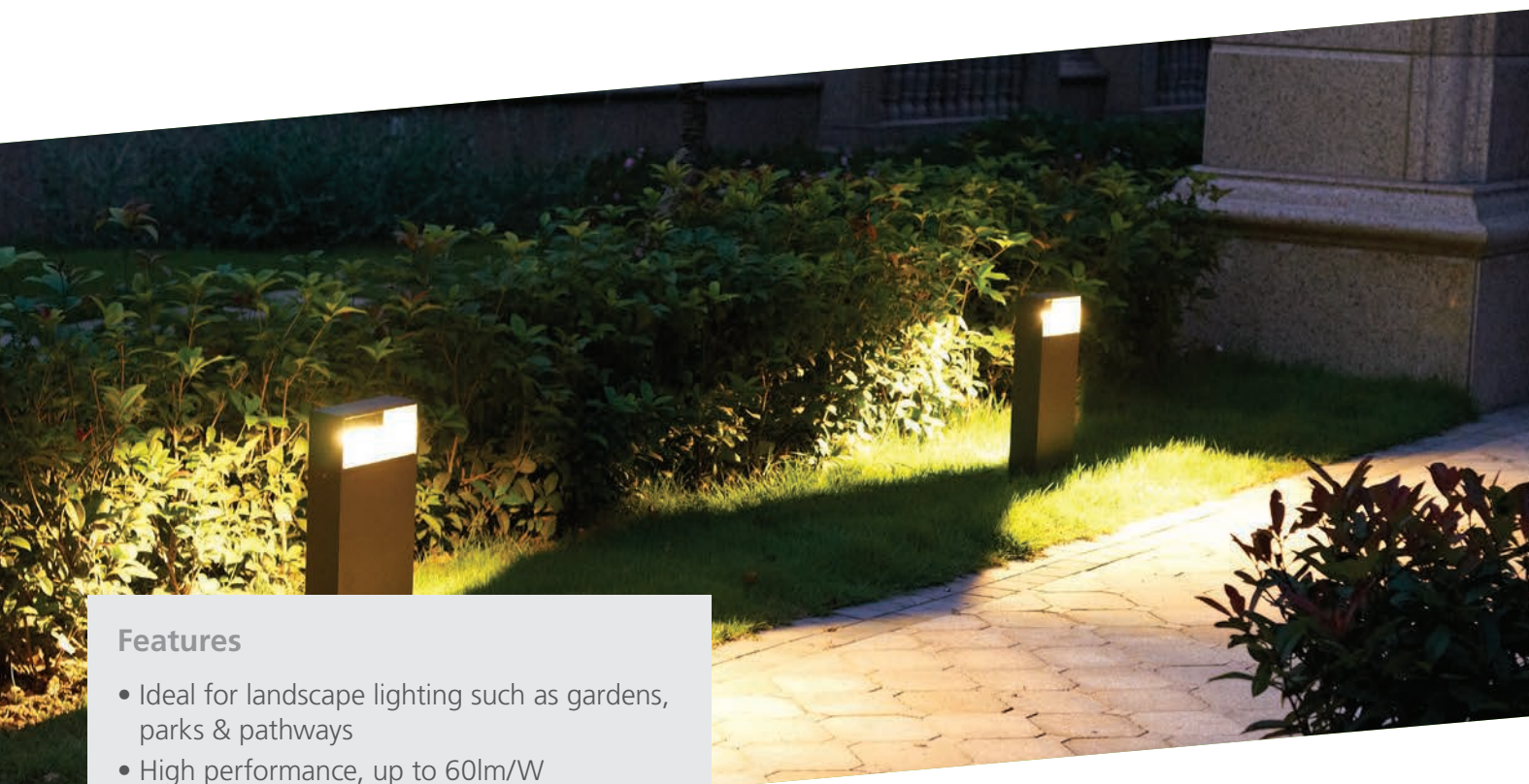
- Decorative bollard with a sleek modern design
- Ideal for landscape lighting such as gardens, parks & pathways
- High performance: delivers up to 1100lm
- Salt Spray Tested 1,000 hours
- Available in 2 heights: 500mm & 1000mm
- Body Colour (RAL9005)
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)



Size (Ø x H)	Wattage	Lumen (3,000K)
168mm x 500mm	26W	1,100lm
168mm x 1000mm	26W	1,100lm

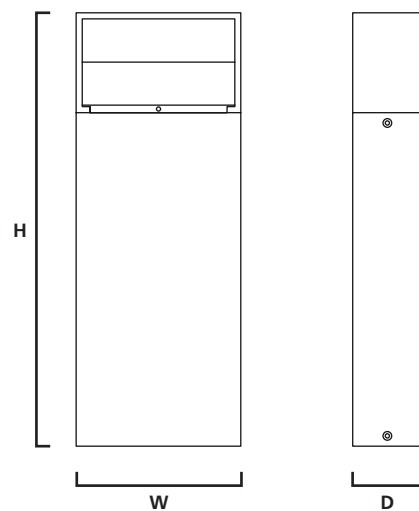


# START eco Bollard R IP65



## Features

- Ideal for landscape lighting such as gardens, parks & pathways
- High performance, up to 60lm/W
- Decorative bollard with a sleek modern design
- Available in 2 heights: 500mm & 800mm
- Body colour: RAL9005 (black)
- Robust mounting system using a mounting bracket and 2x M10 extension screws
- Available 3,000K
- Lifespan: 30,000 hours (L70B50)



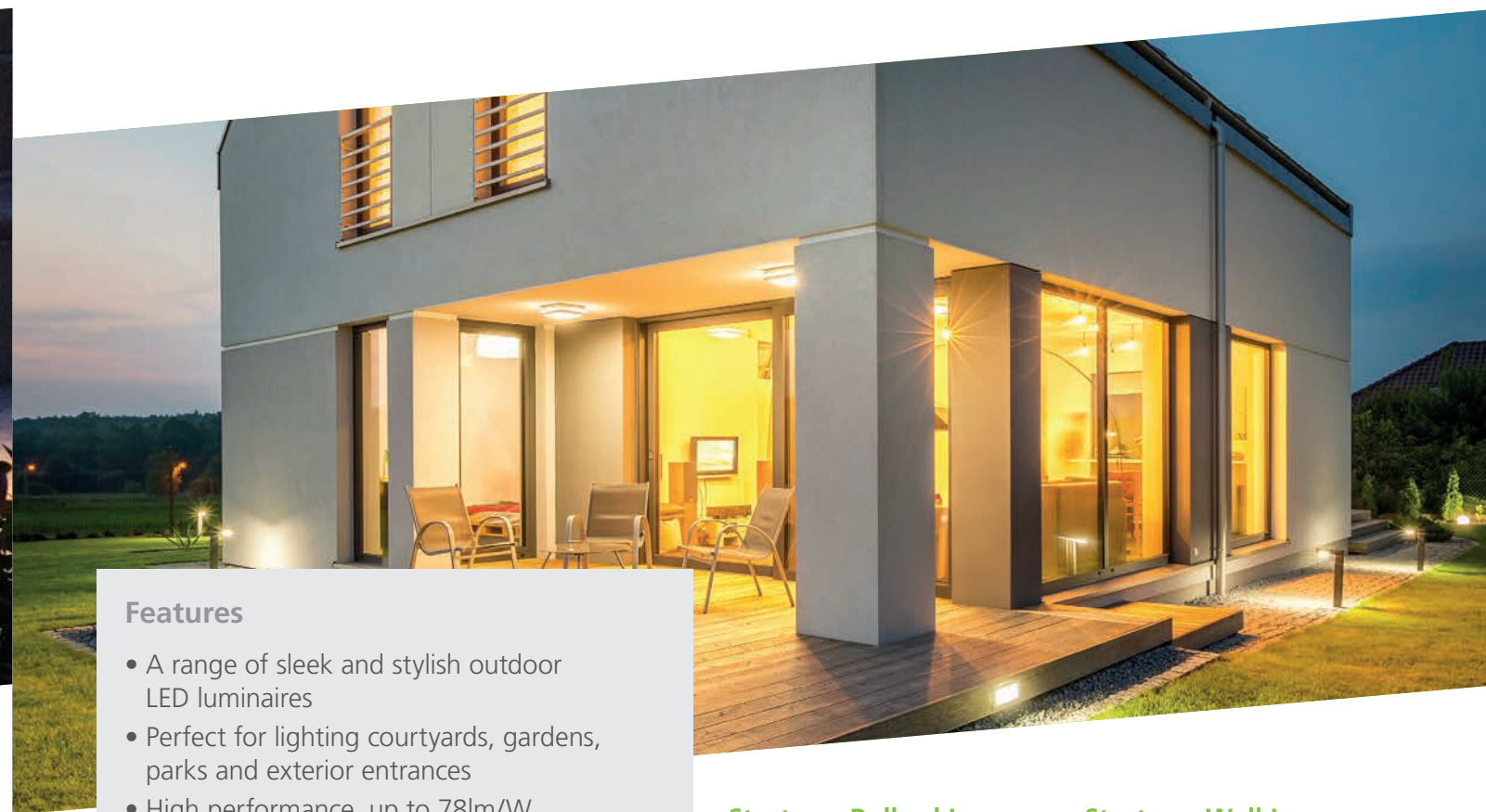
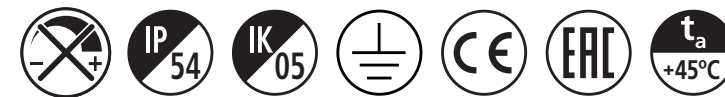
Size (W x H x D)	Wattage	Lumen (3,000K)
190mm x 500mm x 80mm	13W	780lm
190mm x 800mm x 80mm	13W	780lm



For ordering guide please visit page 164.

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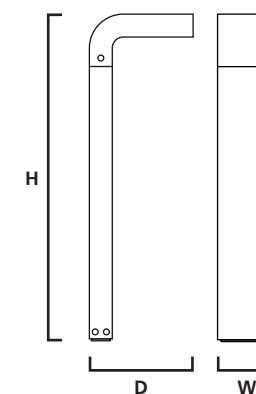
# START eco Bollard L & Wall L



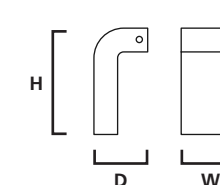
## Features

- A range of sleek and stylish outdoor LED luminaires
- Perfect for lighting courtyards, gardens, parks and exterior entrances
- High performance, up to 78lm/W
- Available in various sizes of die cast aluminium luminaires
- Body colour: RAL9005 (black)
- Available in 3,000K
- Lifespan: 30,000 hours (L70B50)

### Start eco Bollard L



### Start eco Wall L



Size (W x H x D)	Wattage	Lumen (3,000K)
90mm x 160mm x 80mm	8W	620lm
90mm x 500mm x 160mm	8W	620lm
90mm x 800mm x 160mm	8W	620lm

For ordering guide please visit page 164.

sylvania-lighting.com



# START<sup>TM</sup> eco Surface Wall IP54



## Features

- A range of sleek and stylish outdoor LED luminaires
- Perfect for lighting exterior entrances
- Up/down square fixture available with adjustable 'barn doors' in both directions allowing for the creation of architectural effects
- Body colour: RAL9016 (white) or RAL9005 (black)
- Round and Square White outdoor bulkheads, 880lm, 12W, 73lm/W
- Microwave movement sensor versions
- Available in 3,000K
- Lifespan: 30,000 hours (L70B50)

Size (W x H x L)	Wattage	Lumen
108mm x 108mm x 109mm	5	2x150lm

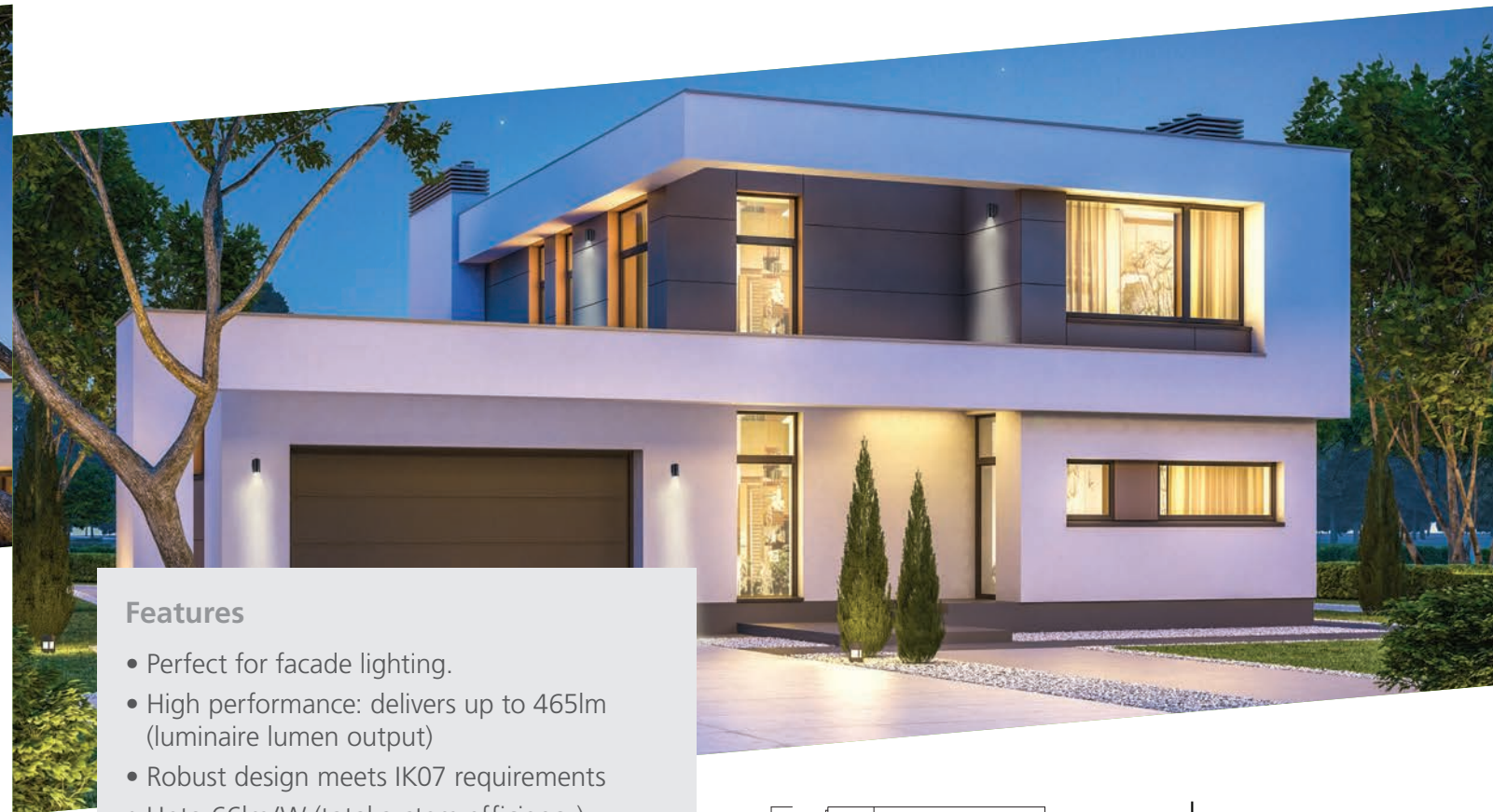
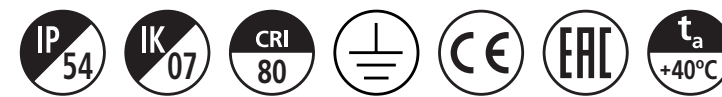
Size (W x L x H)	Wattage	Lumen
202mm x 202mm x 50mm	12W	880lm
202mm x 202mm x 50mm	12W	880lm



For ordering guide please visit page 165.

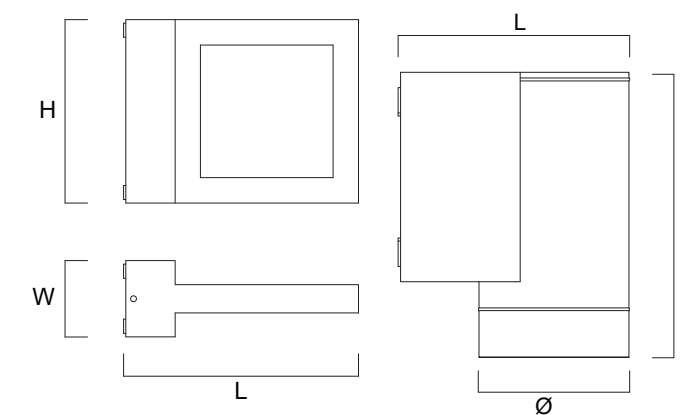
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# START<sup>TM</sup> Surface Wall IP54



## Features

- Perfect for facade lighting.
- High performance: delivers up to 465lm (luminaire lumen output)
- Robust design meets IK07 requirements
- Upto 66lm/W (total system efficiency)
- Choice of Round Shape or Decorative Rectangle
- Available in 3,000K and 4,000K
- Lifespan : 50,000 hours



Size (Ø/W x H x L)	Wattage	Lumen
54mm x 130mm x 167mm	8W	430lm
65mm x 135mm x 99mm	7W	465lm

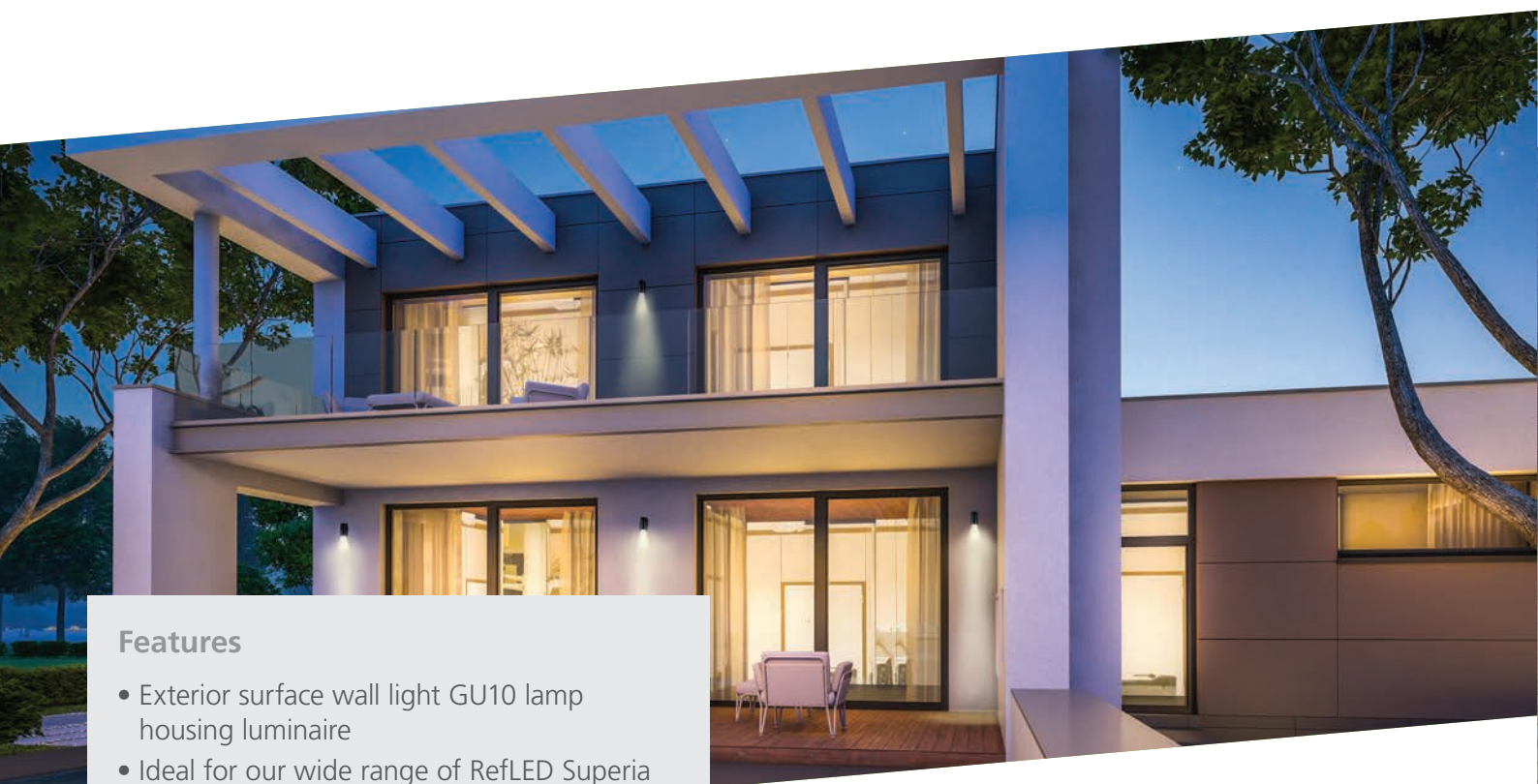


For ordering guide please visit page 165.

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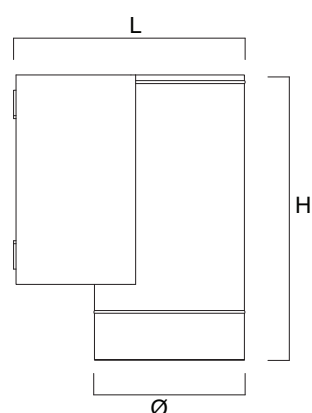


# START Surface Wall Housing



## Features

- Exterior surface wall light GU10 lamp housing luminaire
- Ideal for our wide range of RefLED Superia Retro ES50 LED lamps
- Robust, round design meets IK07 requirements
- Black aluminium (RAL9005)
- Lifespan : 25,000 hours, based on Sylvania RefLED Superia GU10 lamp



Size (Ø/W x H x L)	Wattage	Lumen
65mm x 135mm x 99mm	7W	465lm



For ordering guide please visit page 165.

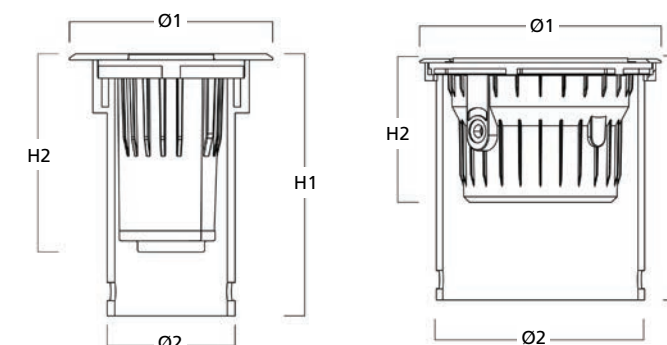
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# SYLVANIA Interrata



## Features

- Recessed inground outdoor luminaire
- Round shaped, Stainless Steel bezel
- One fixed and three adjustable sizes (100 / 400 / 1000 / 2000lm; 3 – 29W)
- Clear and Frosted glass options for the XS size
- Anti vandal screws
- Complete with a pre-wired 2m cable
- Honeycomb and frosted glass accessory for the adjustable version
- IP68 linear connector
- Pressure load 2000kg (~20kN) for S/M/L and 500kg (~5kN) for XS
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)



Size (Ø1 x Ø2 x H1 H2)	Wattage	Lumen
100mm x 66mm x 129mm x 98mm	3,5W	125lm
120mm x 84mm x 136mm x 104mm	5,7W	390lm
200mm x 194mm x 229mm x 128mm	13,5W	1075lm
260mm x 224mm x 265mm x 154mm	29W	2075lm

For ordering guide please visit page 165.

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\*+40°C for XS / S



# SYLVANIA Graze

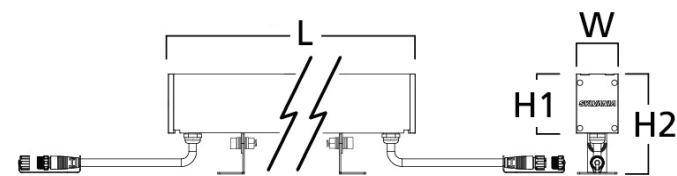


\*+40°C for XS / S

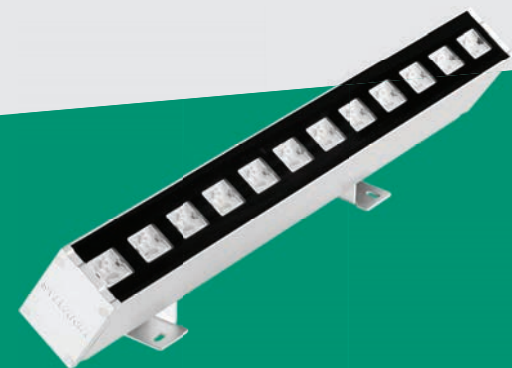


## Features

- Recessed inground outdoor luminaire
- Round shaped, Stainless Steel bezel
- One fixed and three adjustable sizes (100 / 400 / 1000 / 2000lm; 3 – 29W)
- Clear and Frosted glass options for the XS size
- Anti vandal screws
- Complete with a pre-wired 2m cable
- Honeycomb and frosted glass accessory for the adjustable version
- IP68 linear connector
- Pressure load 2000kg (~20kN) for S/M/L and 500kg (~5kN) for XS
- Available in 3,000K or 4,000K
- Long lifespan: 50,000 hours (L70B50)



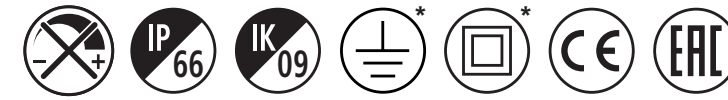
Size (L x H1 x H2 x W)	Wattage	Lumen
1000mm x 77.5mm x 131mm x 55mm	24W	2,275lm
500mm x 77.5mm x 131mm x 55mm	45W	4,450lm



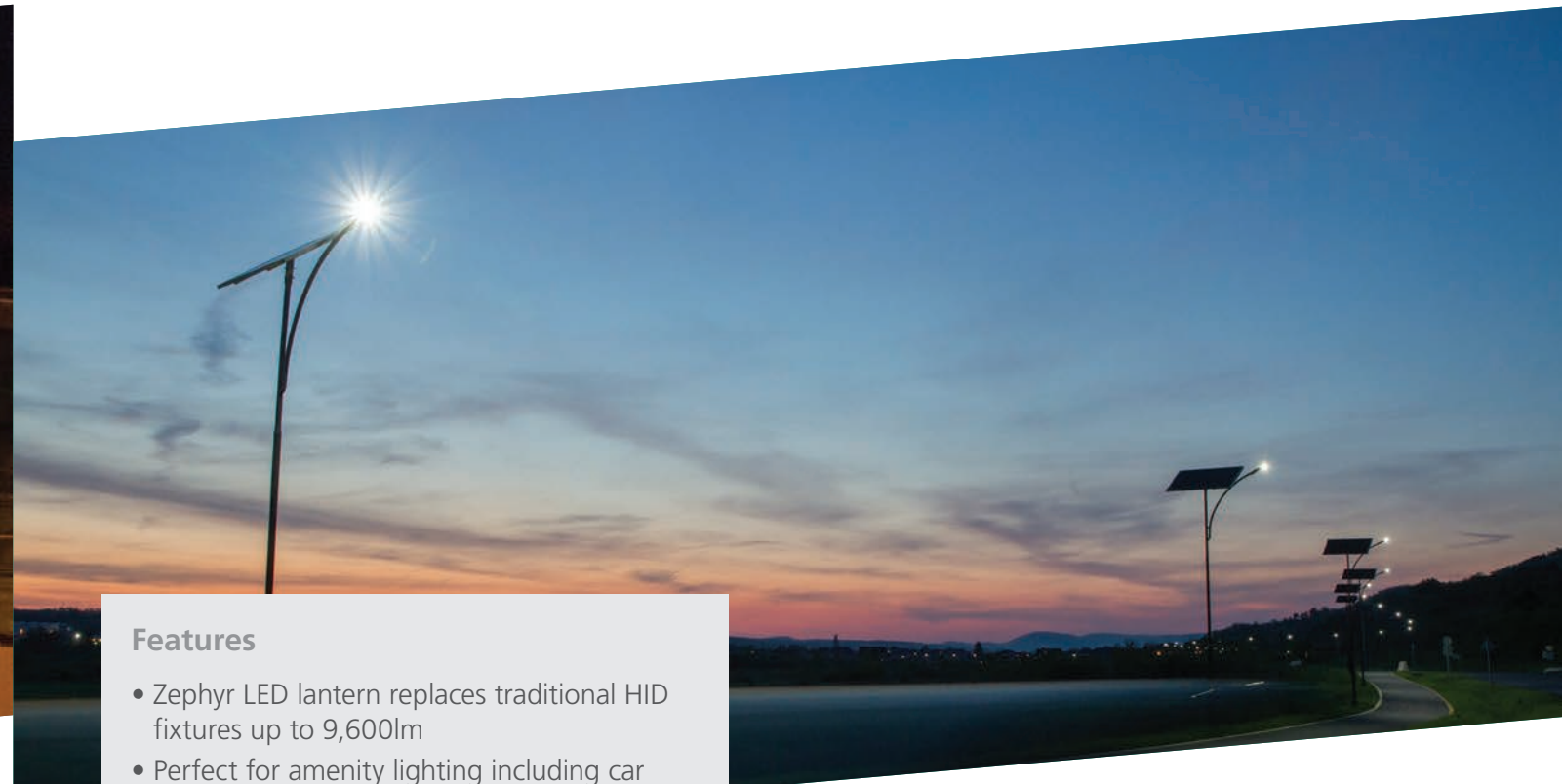
For ordering guide please visit page 166.

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# SYLVANIA Zephyr

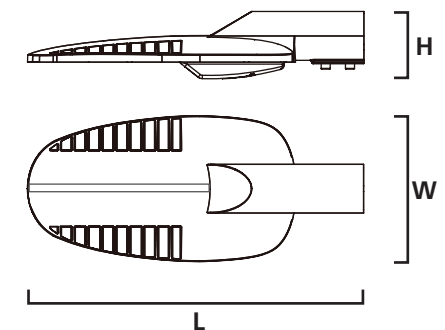


\*See ordering guide



## Features

- Zephyr LED lantern replaces traditional HID fixtures up to 9,600lm
- Perfect for amenity lighting including car parks and industrial perimeter lighting
- High efficiency, up to 110lm/W
- Photocell option available on large version, which allows for controlled operation during dusk to dawn
- Available in Grey RAL 9022 colour finish
- Supplied with 8 metres (H05RN-F) mains supply cable
- Spigot Dimension : - 30W & 50W - 48mm side entry - 80W - 60mm side entry
- Recommended for mounting heights of 4-8 metres
- Available in 4,000K
- Long lifespan: 50,000 hours (L70B50)



For ordering guide please visit page 166.

Size (L x W x H)	Wattage	Lumen
359mm x 161mm x 78mm	30W	3,700lm
483mm x 209mm x 96mm	50W	6,000lm
483mm x 209mm x 96mm	80W	9,600lm

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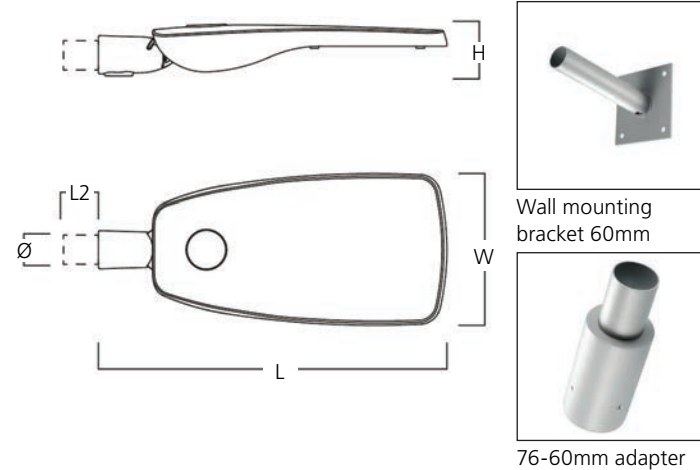
# SYLVANIA Zodiac



## Features

- Zodiac LED lantern replaces high output traditional HID fixtures up to 22,000lm
- Perfect for amenity lighting including car parks and industrial perimeter lighting
- High efficiency, up to 149lm/W
- Adjustable mounting bracket that allows for use on either 60mm side entry or post top spigot
- High quality die-cast aluminium housing
- Recommended for mounting heights of 6-12 metres
- Available in 4,000K
- Long lifespan: 50,000 hours (L70B50)

## Accessories



Size (L x W x H)	Size(Ø x L2)	Wattage	Lumen
573mm x 182mm x 103mm	Ø60mm x 90mm	54W	7,400lm
675mm x 292mm x 101mm	Ø60mm x 90mm	69W	10,300lm
675mm x 292mm x 101mm	Ø60mm x 90mm	93W	13,200lm
675mm x 292mm x 101mm	Ø60mm x 90mm	148W	20,600lm



For ordering guide please visit page 167.

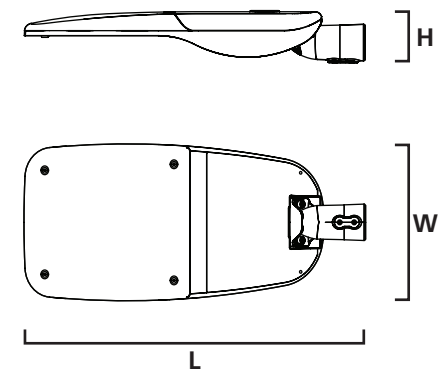
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# SYLVANIA Skyline Street



## Features

- Ideal for major and minor road lighting applications
- High efficiency, up to 128lm/W
- Four different sizes available
- LED lantern to replace traditional HID fixtures
- Adjustable tilting positions from -15° to +15° on post top or side entry installations
- Easy maintenance with tool-less opening
- Opening gear cover hinges upwards
- Available in Grey RAL 9022 colour finish as standard, other RAL colours on request
- Fits onto 42-60mm side entry or post top spigot
- Wide operating temperature range from -40 up to +50°C
- Several controls possibilities (DALI, Photocell, other integrated Smart lighting technologies) on request
- Long lifespan:100,000 hours (L70B50)



Size (L x W x H)	Wattage	Lumen
525mm x 255mm x 105mm	49W	5,869lm
625mm x 290mm x 105mm	103W	12,948lm
780mm x 325mm x 105mm	147W	17,029lm
<b>NEW</b> 915mm x 415mm x 140mm	244W	30,600lm

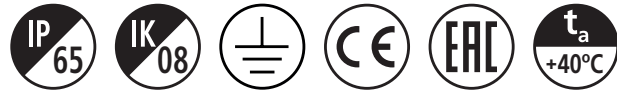


For ordering guide please visit page 167.

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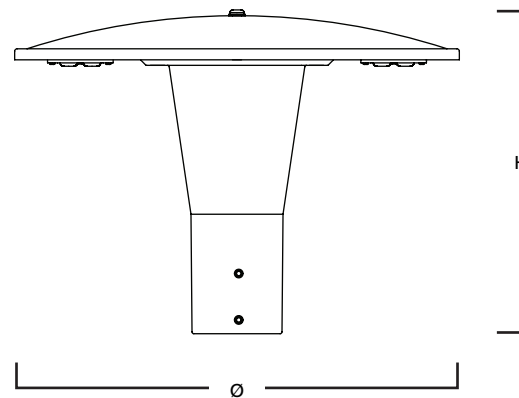


# Concord Skyline LED



## Features

- Circular, architectural style LED Pole top to replace traditional HID fixtures
- Ideal for amenity lighting, including car parks and perimeter lighting
- High efficiency, up to 148lm/W
- Available in both symmetric and asymmetric versions
- Designed to fit onto 76 / 89mm pole top
- Recommended for mounting heights of 4-10m
- Light weight and compact luminaire in comparison to traditional alternative
- Available in 4,000K
- Long lifespan: 80,000 hours (L70B50)



Size (Ø x H)	Wattage	Lumen
Ø484mm x 352mm	47W	6,208lm
Ø484mm x 352mm	74W	10,444lm
Ø684mm x 445mm	120W	17,765lm
Ø684mm x 445mm	158W	22,978lm



# SYLVANIA Ordering Guide

## START eco Panel

### Product information

Product overview on page 16

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>600x600mm</b>											
0047669	START eco Panel 600x600 3200Lm 830	36	3,200	89	3,000	750	34	595	IP40/20	IK03	30,000
0047670	START eco Panel 600x600 3200Lm 840	36	3,200	89	4,000	750	34	595	IP40/20	IK03	30,000
0047671	START eco Panel 600x600 3200Lm 865	36	3,200	89	6,500	750	34	595	IP40/20	IK03	30,000
0048400	START eco Panel 600x600 3200Lm 830 LILO	36	3,200	89	3,000	750	34	595	IP40/20	IK03	30,000
0048401	START eco Panel 600x600 3200Lm 840 LILO	36	3,200	89	4,000	750	34	595	IP40/20	IK03	30,000
<b>1200x300mm</b>											
0047071	START eco Panel 1200x300 3200Lm 830 LILO	36	3,200	89	3,000	750	34	1 195	IP40/20	IK03	30,000
0047072	START eco Panel 1200x300 3200Lm 840 LILO	36	3,200	89	4,000	750	34	1 195	IP40/20	IK03	30,000
0047073	START eco Panel 1200x300 3200Lm 865 LILO	36	3,200	89	6,500	750	34	1 195	IP40/20	IK03	30,000

### Accessories

Code	Description
0047517	START Flat Panel LED Suspension Kit
0047046	START eco Panel Mounting Clips 4 pcs
0047416	Plasterboard Ceiling Frame 600x600
0047418	Plasterboard Ceiling Frame 1200x300
0047197	Surface Mounting Kit 600x600x70mm
0047198	Surface Mounting Kit 1200x300x70mm

## START Panel

### Product information

Product overview on page 17

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Standard</b>													
0047212	0042231	START Panel 600x600 3800Lm 830 LILO	36	3,800	106	3,000	750	80	34	595	IP40/IP20	IK03	50,000
0047213	0042232	START Panel 600x600 4000Lm 840 LILO	36	4,000	111	4,000	750	80	34	595	IP40/IP20	IK03	50,000
	0042233	START Panel 600x600 4000lm 865 LILO	36	4,000	111	6,500	750	80	34	595	IP40/IP20	IK03	50,000
<b>UGR19</b>													
	0042204	START Panel UGR19 600x600 3200lm 830 LILO	36	3,200	89	3,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042205	START Panel UGR19 600x600 3200lm 840 LILO	36	3,200	89	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042206	START Panel UGR19 600x600 3200lm 865 LILO	36	3,200	89	6,500	750	80	35	595	IP40/IP20	IK03	50,000
0047226	0042183	START Panel UGR19 600x600 3400Lm 830 LILO	36	3,400	94	3,000	750	80	35	595	IP40/IP20	IK03	50,000
0047227	0042184	START Panel UGR19 600x600 3600Lm 840 LILO	36	3,600	100	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042185	START Panel UGR19 600x600 3600lm 865 LILO											
0047228	0042186	START Panel UGR19 600x600 3800Lm 830 LILO	36	3,800	106	3,000	750	80	35	595	IP40/IP20	IK03	50,000
0047229	0042187	START Panel UGR19 600x600 4000Lm 840 LILO	36	4,000	111	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042188	START Panel UGR19 600x600 4000Lm 865 LILO	36	4,000	111	6,500	750	80	35	595	IP40/IP20	IK03	50,000
0047230	0042189	START Panel UGR19 600x600 4600Lm 830 LILO	43	4,600	107	3,000	950	80	34	595	IP40/IP20	IK03	50,000
0047231	0042190	START Panel UGR19 600x600 4800Lm 840 LILO	43	4,800	112	4,000	950	80	34	595	IP40/IP20	IK03	50,000
	0042191	START Panel UGR19 600x600 4800lm 865 LILO											



Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>UGR19 &amp; CRI90</b>													
	0041235	START Panel UGR19 600x600 3500lm 940 LILO	36	3,500	97	4,000	750	90	35	595	IP40/IP20	IK03	50,000
	0041236	START Panel UGR19 600x600 4000lm 940 LILO	43	4,000	93	4,000	950	90	35	595	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSA</b>													
	0042388	START Panel UGR19 600x600 3800lm 830 SSA	36	3,800	106	3,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042389	START Panel UGR19 600x600 4000lm 840 SSA	36	4,000	111	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042390	START Panel UGR19 600x600 4600lm 830 SSA	43	4,600	107	3,000	950	80	35	595	IP40/IP20	IK03	50,000
	0042391	START Panel UGR19 600x600 4800lm 840 SSA	43	4,800	112	4,000	950	80	35	595	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSC</b>													
	0042506	START Panel UGR19 600x600 3800lm 830 SSC	36	3,800	106	3,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042507	START Panel UGR19 600x600 4000lm 840 SSC	36	4,000	111	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042508	START Panel UGR19 600x600 4000lm 865 SSC	36	4,000	111	6,500	750	80	35	595	IP40/IP20	IK03	50,000
	0042567	START Panel UGR19 600x600 4800lm 840 SSC	43	4,800	112	4,000	950	80	34	595	IP40/IP20	IK03	50,000
<b>UGR19 &amp; DALI</b>													
0047203	0042213	START Panel UGR19 600x600 DALI 3800lm 830	36	3,800	106	3,000	750	80	35	595	IP40/IP20	IK03	50,000
0047204	0042214	START Panel UGR19 600x600 DALI 4000lm 840	36	4,000	111	4,000	750	80	35	595	IP40/IP20	IK03	50,000
	0042216	START Panel UGR19 600x600 DALI 4600lm 830	43	4,600	107	3,000	950	80	34	595	IP40/IP20	IK03	50,000
	0042217	START Panel UGR19 600x600 DALI 4800lm 840	43	4,800	112	4,000	950	80	34	595	IP40/IP20	IK03	50,000
<b>HE</b>													
0047214	0042234	START Panel 600x600 HE 4100lm 830 LILO	34	4,100	121	3,000	750	80	34	595	IP40/IP20	IK03	50,000
0047215	0042235	START Panel 600x600 HE 4300lm 840 LILO	34	4,300	126	4,000	750	80	34	595	IP40/IP20	IK03	50,000
	0042236	START Panel 600x600 HE 4300lm 865 LILO											
<b>HE &amp; DALI</b>													
	0042246	START Panel 600x600 HE DALI 4100lm 830	34	4,100	121	3,000	750	80	34	595	IP40/IP20	IK03	50,000
	0042247	START Panel 600x600 HE DALI 4300lm 840	34	4,300	126	4,000	750	80	34	595	IP40/IP20	IK03	50,000
<b>625 x 625 - UGR19</b>													
	0042207	START Panel UGR19 625x625 3200lm 830 LILO	36	3,200	89	3,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042208	START Panel UGR19 625x625 3200lm 840 LILO	36	3,200	89	4,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042209	START Panel UGR19 625x625 3200lm 865 LILO	36	3,200	89	6,500	750	80	35	620	IP40/IP20	IK03	50,000
	0042192	START Panel UGR19 625x625 3800lm 830 LILO	36	3,800	106	3,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042193	START Panel UGR19 625x625 4000lm 840 LILO	36	4,000	111	4,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042194	START Panel UGR19 625x625 4000lm 865 LILO	36	4,000	111	6,500	750	80	35	620	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSA</b>													
	0042392	START Panel UGR19 625x625 3800lm 830 SSA	36	3,800	106	3,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042393	START Panel UGR19 625x625 4000lm 840 SSA	36	4,000	111	4,000	750	80	35	620	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSC</b>													
	0042569	START Panel UGR19 625x625 4000lm 830 SSC	36	3,800	106	3,000	750	80	35	620	IP40/IP20	IK03	50,000
	0042570	START Panel UGR19 625x625 4000lm 840 SSC	36	4,000	111	4,000	750	80	35	620	IP40/IP20	IK03	50,000
<b>UGR19 &amp; DALI</b>													
0047246	0042219	START Panel UGR19 625x625 DALI 3800lm 830	36	3,800	106	3,000	750	80	35	620	IP40/IP20	IK03	50,000
0047247	0042220	START Panel UGR19 625x625 DALI 4000lm 840	36	4,000	111	4,000	750	80	35	620	IP40/IP20	IK03	50,000
<b>HE</b>													
	0042237	START Panel 625x625 HE 4100lm 830 LILO	34	4,100	121	3,000	750	80	34	620	IP40/IP20	IK03	50,000
	0042238	START Panel 625x625 HE 4300lm 840 LILO	34	4,300	126	4,000	750	80	34	620	IP40/IP20	IK03	50,000
	0042239	START Panel 625x625 HE 4300lm 865 LILO	-	-	-	-	-	80	-	-	IP40/IP20	IK03	50,000
0047242	0042249	START Panel 625x625 HE DALI 4100lm 830	34	4,100	121	3,000	750	80	34	620	IP40/IP20	IK03	50,000
0047243	0042250	START Panel 625x625 HE DALI 4300lm 840	34	4,300	126	4,000	750	80	34	620	IP40/IP20	IK03	50,000
<b>1200 x 300 HE</b>													

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0047220	0042240	START Panel 1200x300 HE 3900lm 830 LILO	34	3,900	115	3,000	750	80	34	1,195	IP40/IP20	IK03	50,000
0047221	0042241	START Panel 1200x300 HE 4100lm 840 LILO	34	4,100	121	4,000	750	80	34	1,195	IP40/IP20	IK03	50,000
	0042242	START Panel 1200x300HE 4100lm 865 LILO	34	4,100	121	6,500	750	80	34	1,195	IP40/IP20	IK03	50,000
<b>HE &amp; DALI</b>													
	0042252	START Panel 1200x300HE DALI 3900lm 830	34	3,900	115	3,000	750	80	34	1,195	IP40/IP20	IK03	50,000
	0042253	START Panel 1200x300HE DALI 4100lm 840	34	4,100	121	4,100	750	80	34	1,195	IP40/IP20	IK03	50,000
<b>UGR19</b>													
	0042195	START Panel UGR19 1200x300 3200lm 830 LILO	36	3,200	89	3,000	750	80	35	1,195	IP40/IP20	IK03	50,000
	0042196	START Panel UGR19 1200x300 3400lm 840 LILO	36	3,400	94	4,000	750	80	35	1,195	IP40/IP20	IK03	50,000
	0042197	START Panel UGR19 1200x300 3400lm 865 LILO	36	3,400	94	6,500	750	80	35	1,195	IP40/IP20	IK03	50,000
0047232	0042198	START Panel UGR19 1200x300 3600lm 830 LILO	36	3,600	100	3,000	750	80	35	1,195	IP40/IP20	IK03	50,000
0047233	0042199	START Panel UGR19 1200x300 3800lm 840 LILO	36	3,800	106	4,000	750	80	35	1,195	IP40/IP20	IK03	50,000
	0042200	START Panel UGR19 1200x300 3800lm 865 LILO	36	3,800	106	6,500	750	80	35	1,195	IP40/IP20	IK03	50,000
<b>UGR19 &amp; CRI90</b>													
	0041287	START Panel UGR19 1200x300 3300lm 940	34	3,300	97	4,000	750	90	35	1,195	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSA</b>													
	0042394	START Panel UGR19 1200x300 3600lm 830 SSA	36	3,600	100	3,000	750	80	35	1,195	IP40/IP20	IK03	50,000
	0042395	START Panel UGR19 1200x300 3800lm 840 SSA	36	3,800	106	4,000	750	80	35	1,195	IP40/IP20	IK03	50,000
<b>UGR19 &amp; SSC</b>													
	0042572	START Panel UGR19 1200x300 4000lm 830 SSC	36	3,600	100	3,000	750	80	35	1,195	IP40/IP20	IK03	50,000
	0042573	START Panel UGR19 1200x300 4000lm 840 SSC	36	3,800	106	4,000	750	80	35	1,195	IP40/IP20	IK03	50,000
<b>UGR19 &amp; DALI</b>													
0047238	0042225	START Panel UGR19 1200x300 DALI 3600lm 830	36	3,600	100	3,000	750	80	35	1,195	IP40/IP20	IK03	50,000
0047239	0042226	START Panel UGR19 1200x300 DALI 3800lm 840	36	3,800	106	4,000	750	80	35	1,195	IP40/IP20	IK03	50,000
<b>1200 x 600</b>													
0047234	0042201	START Panel UGR19 1200x600 5700lm 830 LILO	58	5,700	98	3,000	1,250	80	35	1,195	IP40/IP20	IK03	50,000
0047235	0042202	START Panel UGR19 1200x600 5900lm 840 LILO	58	5,900	102	4,000	1,250	80	35	1,195	IP40/IP20	IK03	50,000
	0042203	START Panel UGR19 1200x600 5900lm 865 LILO	58	5,900	102	6,500	1,250	80	35	1,195	IP40/IP20	IK03	50,000

#### Accessories

Code	Description
0047416	Plasterboard Ceiling Frame 600x600
0047417	Plasterboard Ceiling Frame 625x625
0047418	Plasterboard Ceiling Frame 1200x300
0047517	START Flat Panel LED Suspension Kit
0047197	Surface Mounting Kit 600x600x70mm
0047199	Surface Mounting Kit 625x625x70mm
0047198	Surface Mounting Kit 1200x300x70mm
0047269	Surface Mounting Kit 1200x600x70mm
2994891	Startled Suspension Frame 600x600



# START Panel Multipower

## Product information

## Product overview on page 18

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)	Nominal Beam Angle (°)	Glare control
<b>600x600</b>													
0047990	START Panel Multipower IP44 600x600 1725-4900Lm 830	36	4,900	136	3,000	165	63	596	IP44 / 20	IK03	65,000	110	<22
0047991	START Panel Multipower IP44 600x600 1825-5100Lm 840	35	5,100	146	4,000	165	63	596	IP44 / 20	IK03	65,000	110	<22
0047992	START Panel Multipower IP44 UGR19 600x600 1500-4350Lm 830	36	4,350	121	3,000	165	63	596	IP44 / 20	IK03	65,000	90	<19
0047993	START Panel Multipower IP44 UGR19 600x600 1625-4450Lm 840	35	4,450	127	4,000	165	63	596	IP44 / 20	IK03	65,000	90	<19
<b>600x600 - Wieland Connector</b>													
0047042	START Panel Multipower IP44 600x600 1725-4900Lm 830 GST18/3	36	4,900	136	3,000	165	63	596	IP44 / 20	IK03	65,000	110	<22
0047043	START Panel Multipower IP44 600x600 1825-5100Lm 840 GST18/3	35	5,100	146	4,000	165	63	596	IP44 / 20	IK03	65,000	110	<22
0047044	START Panel Multipower IP44 UGR19 600x600 1500-4350Lm 830 GST18/3	36	4,350	121	3,000	165	63	596	IP44 / 20	IK03	65,000	90	<19
0047045	START Panel Multipower IP44 UGR19 600x600 1625-4450Lm 840 GST18/3	35	4,450	127	4,000	165	63	596	IP44 / 20	IK03	65,000	90	<19
<b>625x625</b>													
0047994	START Panel Multipower IP44 625x625 1725-4900Lm 830	36	4,900	136	3,000	165	63	620	IP44 / 20	IK03	65,000	110	<22
0047995	START Panel Multipower IP44 625x625 1825-5100Lm 840	35	5,100	146	4,000	165	63	620	IP44 / 20	IK03	65,000	110	<22
0047996	START Panel Multipower IP44 UGR19 625x625 1500-4350Lm 830	36	4,350	121	3,000	165	63	620	IP44 / 20	IK03	65,000	90	<19
0047997	START Panel Multipower IP44 UGR19 625x625 1625-4450Lm 840	35	4,450	127	4,000	165	63	620	IP44 / 20	IK03	65,000	90	<19

### Accessories

Code	Description
0047416	Plasterboard Ceiling Frame 600x600
0047417	Plasterboard Ceiling Frame 625x625
2994891	600X600 START LED SUS FRAME
0046602	Emergency Pack Standard 50V-200V
0046603	Emergency Pack DALI 50V-200V
2994891	Startled Suspension Frame 600x600

# Quadro

## Product information

## Product overview on page 19

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)	Nominal Beam Angle (°)	Glare control
<b>600x600 - Multipower</b>													
0047250	Quadro UGR16 600x600 Multipower 2250-4650Lm 840	34	4,650	137	4,000	155	18.8	595	IP40/20	IK08	50,000	75	16
0047251	Quadro UGR16 600x600 Multipower 2050-4500Lm 830	34	4,500	132	3,000	155	18.8	595	IP40/20	IK08	50,000	75	16
<b>600x600 - DALI</b>													
0047252	Quadro UGR16 600x600 DALI 4600Lm 840	36	4,600	128	4,000	155	18.8	595	IP40/20	IK08	50,000	75	16
0047253	Quadro UGR16 600x600 DALI 4450Lm 830	36	4,450	124	3,000	155	18.8	595	IP40/20	IK08	50,000	75	16
<b>600x600 - SylSmart Standalone</b>													
0047026	Quadro UGR16 600x600 4450Lm 830 SSC	36	4450	124	3,000	155	18.8	595	IP40/20	IK08	50,000	75	16
0047027	Quadro UGR16 600x600 4600Lm 840 SSC	36	4600	128	4,000	155	18.8	595	IP40/20	IK08	50,000	75	16

### Accessories

Code	Description
0047517	START Flat Panel LED Suspension Kit
0047416	Plasterboard Ceiling Frame 600x600
0047197	Surface Mounting Kit 600x600x70mm
0046602	Emergency Pack Standard 50V-200V
0046603	Emergency Pack DALI 50V-200V
2994891	Startled Suspension Frame 600x600

# OptiClip

## Product information

## Product overview on page 21

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>600 x 600mm - CRI80 3000K (Warm White)</b>													
0044008	OptiClip 600 3000K C8 WH CC White	26	3,100	119	3,000	700	80	20	595	IP20	IK07	<17	60,000
0044009	OptiClip 600 3000K C8 WH DALI White	26	3,100	119	3,000	700	80	20	595	IP20	IK07	<17	60,000
0044010	OptiClip 600 3000K C8 WH SSC White	26	3,100	119	3,000	700	80	20	595	IP20	IK07	<17	60,000
0044011	OptiClip 600 3000K C8 WH SSA White	27	3,100	114	3,000	700	80	52	595	IP20	IK07	<17	60,000
<b>CRI80 4000K (Neutral White)</b>													
0044000	OptiClip 600 4000K C8 WH CC White	26	3,300	126	4,000	700	80	20	595	IP20	IK07	<17	60,000
0044001	OptiClip 600 4000K C8 WH DALI White	26	3,300	126	4,000	700	80	20	595	IP20	IK07	<17	60,000
0044002	OptiClip 600 4000K C8 WH SSC White	26	3,300	126	4,000	700	80	20	595	IP20	IK07	<17	60,000
0044003	OptiClip 600 4000K C8 WH SSA White	27	3,300	122	4,000	700	80	52	595	IP20	IK07	<17	60,000
<b>CRI90 4000K (Neutral White)</b>													
0044016	OptiClip 600 4000K C9 WH CC White	29	3,250	112	4,000	800	90	20	595	IP20	IK07	<17	60,000
0044017	OptiClip 600 4000K C9 WH DALI White	29	3,250	112	4,000	800	90	20	595	IP20	IK07	<17	60,000
0044018	OptiClip 600 4000K C9 WH SSC White	29	3,250	112	4,000	800	90	20	595	IP20	IK07	<17	60,000
0044019	OptiClip 600 4000K C9 WH SSA White	30	3,250	108	4,000	800	90	52	595	IP20	IK07	<17	60,000
<b>1200 x 300mm - CRI80 3000K (Warm White)</b>													
0044012	OptiClip 1200 3000K C8 WH CC White	26	3,100	119	3,000	700	80	20	1195	IP20	IK07	<19	60,000
0044013	OptiClip 1200 3000K C8 WH DALI White	26	3,100	119	3,000	700	80	20	1195	IP20	IK07	<19	60,000
0044014	OptiClip 1200 3000K C8 WH SSC White	26	3,100	119	3,000	700	80	20	1195	IP20	IK07	<19	60,000
0044015	OptiClip 1200 3000K C8 WH SSA White	27	3,100	114	3,000	700	80	52	1195	IP20	IK07	<19	60,000
<b>CRI80 4000K (Neutral White)</b>													
0044004	OptiClip 1200 4000K C8 WH CC White	24	3,100	129	4,000	650	80	20	1195	IP20	IK07	<19	60,000
0044005	OptiClip 1200 4000K C8 WH DALI White	24	3,100	129	4,000	650	80	20	1195	IP20	IK07	<19	60,000
0044006	OptiClip 1200 4000K C8 WH SSC White	24	3,100	129	4,000	650	80	20	1195	IP20	IK07	<19	60,000
0044007	OptiClip 1200 4000K C8 WH SSA White	25	3,100	124	4,000	650	80	52	1195	IP20	IK07	<19	60,000
<b>CRI90 4000K (Neutral White)</b>													
0044020	OptiClip 1200 4000K C9 WH CC White	29	3,250	112	4,000	800	90	20	1195	IP20	IK07	<20	60,000
0044021	OptiClip 1200 4000K C9 WH DALI White	29	3,250	112	4,000	800	90	20	1195	IP20	IK07	<20	60,000
0044022	OptiClip 1200 4000K C9 WH SSC White	29	3,250	112	4,000	800	90	20	1195	IP20	IK07	<20	60,000
0044023	OptiClip 1200 4000K C9 WH SSA White	30	3,250	108	4,000	800	90	52	1195	IP20	IK07	<20	60,000

### 625 x 625mm - CRI80 4000K (Neutral White)

0044024	OptiClip 625 4000K C8 WH CC White	26	3,300	126	4,000	700	80	20	620	IP20	IK07	<17	60,000
0044025	OptiClip 625 4000K C8 WH DALI White	26	3,300	126	4,000	700	80	20	620	IP20	IK07	<17	60,000
0044026	OptiClip 625 4000K C8 WH SSC White	26	3,300	126	4,000	700	80	20	620	IP20	IK07	<17	60,000
0044027	OptiClip 625 4000K C8 WH SSA White	27	3,300	122	4,000	700	80	52	620	IP20	IK07	<17	60,000

### 1250 x310mm - CRI80 4000K (Neutral White)

0044028	OptiClip 1250 4000K C8 WH CC White	26	3,350	128	4,000	700	80	20	1245	IP20	IK07	<19	60,000
0044029	OptiClip 1250 4000K C8 WH DALI White	26	3,350	128	4,000	700	80	20	1245	IP20	IK07	<19	60,000
0044030	OptiClip 1250 4000K C8 WH SSC White	26	3,350	128	4,000	700	80	20	1245	IP20	IK07	<19	60,000
0044031	OptiClip 1250 4000K C8 WH SSA White	27	3,350	124	4,000	700	80	52	1245	IP20	IK07	<19	60,000

### Accessories

Code	Description
0044032	OptiClip 600 Surface & Suspended Mounting Kit
0044033	OptiClip 1200 Surface & Suspended Mounting Kit
0044034	OPTICLIP PLASTERBOARD KIT
0044039	OSRAM DRIVER FIT 30W SET TO 650MA + DC CABLE
0044041	TRIDONIC DRIVER LCA 45W SET TO 650MA + DC CABLE
0044042	TRIDONIC DRIVER LCA 45W SET TO 700MA + DC CABLE



# Rana Neo Recessed

## Product information

## Product overview on page 22

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>600 x 600</b>													
0052576	Rana Neo 3300lm REC 600x600 830 CC 2L White	30	3,350	111	3,000	300	80	52	595	IP20	IK07	15	60,000
0052578	Rana Neo 3300lm REC 600x600 830 DALI 2L White	31	3,350	108	3,000	300	80	52	595	IP20	IK07	15	60,000
0052580	Rana Neo 3300lm REC 600x600 830 SSC 2L White	31	3,350	108	3,000	600	80	52	595	IP20	IK07	15	60,000
0044934	Rana Neo 3300lm REC 600x600 830 SSA01 2L White	31	3,350	108	3,000	300	80	60	595	IP20	IK07	15	60,000
0052582	Rana Neo 3300lm REC 600x600 830 CC EM 2L White	32	3,350	104	3,000	300	80	52	595	IP20	IK07	15	60,000
0052584	Rana Neo 3300lm REC 600x600 830 DALI EM 2L White	33	3,350	101	3,000	300	80	52	595	IP20	IK07	15	60,000
0052586	Rana Neo 3300lm REC 600x600 830 SSC EM 2L White	33	3,350	101	3,000	600	80	52	595	IP20	IK07	15	60,000
0052577	Rana Neo 3500lm REC 600x600 840 CC 2L White	30	3,527	117	4,000	300	80	52	595	IP20	IK07	15	60,000
0052579	Rana Neo 3500lm REC 600x600 840 DALI 2L White	31	3,527	113	4,000	300	80	52	595	IP20	IK07	15	60,000
0052581	Rana Neo 3500lm REC 600x600 840 SSC 2L White	31	3,527	113	4,000	600	80	52	595	IP20	IK07	15	60,000
0044935	Rana Neo 3500lm REC 600x600 840 SSA01 2L White	31	3,527	113	4,000	300	80	60	595	IP20	IK07	15	60,000
0052583	Rana Neo 3500lm REC 600x600 840 CC EM 2L White	32	3,527	110	4,000	300	80	52	595	IP20	IK07	15	60,000
0052585	Rana Neo 3500lm REC 600x600 840 DALI EM 2L White	33	3,527	106	4,000	300	80	52	595	IP20	IK07	15	60,000
0052587	Rana Neo 3500lm REC 600x600 840 SSC EM 2L White	33	3,527	106	4,000	600	80	52	595	IP20	IK07	15	60,000
<b>1200 x 300</b>													
0052588	Rana Neo 3500lm REC 1200x300 830 CC 1L White	30	3,572	119	3,000	300	80	52	1196	IP20	IK07	18	60,000
0052590	Rana Neo 3500lm REC 1200x300 830 DALI 1L White	31	3,572	115	3,000	300	80	52	1196	IP20	IK07	18	60,000
0052592	Rana Neo 3500lm REC 1200x300 830 SSC 1L White	31	3,572	115	3,000	600	80	52	1196	IP20	IK07	18	60,000
0044937	Rana Neo 3500lm REC 1200x300 830 SSA01 1L White	31	3,572	115	3,000	300	80	60	1196	IP20	IK07	18	60,000
0052594	Rana Neo 3500lm REC 1200x300 830 CC EM 1L White	32	3,572	111	3,000	300	80	52	1196	IP20	IK07	18	60,000
0052596	Rana Neo 3500lm REC 1200x300 830 DALI EM 1L White	33	3,572	108	3,000	300	80	52	1196	IP20	IK07	18	60,000
0052598	Rana Neo 3500lm REC 1200x300 830 SSC EM 1L White	33	3,572	108	3,000	600	80	52	1196	IP20	IK07	18	60,000
0052589	Rana Neo 3700lm REC 1200x300 840 CC 1L White	30	3,761	125	4,000	300	80	52	1196	IP20	IK07	18	60,000
0052591	Rana Neo 3700lm REC 1200x300 840 DALI 1L White	31	3,761	121	4,000	300	80	52	1196	IP20	IK07	18	60,000
0052593	Rana Neo 3700lm REC 1200x300 840 SSC 1L White	31	3,761	121	4,000	600	80	52	1196	IP20	IK07	18	60,000
0044938	Rana Neo 3700lm REC 1200x300 840 SSA01 1L White	31	3,761	121	4,000	300	80	60	1196	IP20	IK07	18	60,000
0052595	Rana Neo 3700lm REC 1200x300 840 CC EM 1L White	32	3,761	117	4,000	300	80	52	1196	IP20	IK07	18	60,000
0052597	Rana Neo 3700lm REC 1200x300 840 DALI EM 1L White	33	3,761	113	4,000	300	80	52	1196	IP20	IK07	18	60,000
0052599	Rana Neo 3700lm REC 1200x300 840 SSC EM 1L White	33	3,761	113	4,000	600	80	52	1196	IP20	IK07	18	60,000
<b>625 x 625</b>													
0052600	Rana Neo 3500lm REC 625x625 840 CC 2L White	30	3,527	117	4,000	300	80	52	618	IP20	IK07	15	60,000
0052601	Rana Neo 3500lm REC 625x625 840 DALI 2L White	31	3,527	113	4,000	300	80	52	618	IP20	IK07	15	60,000
0052602	Rana Neo 3500lm REC 625x625 840 SSC 2L White	31	3,527	113	4,000	600	80	52	618	IP20	IK07	15	60,000
0044936	Rana Neo 3500lm REC 625x625 840 SSA01 2L White	31	3,527	113	4,000	300	80	60	618	IP20	IK07	15	60,000
0052603	Rana Neo 3500lm REC 625x625 840 CC EM 2L White	32	3,527	110	4,000	300	80	52	618	IP20	IK07	15	60,000
0052604	Rana Neo 3500lm REC 625x625 840 DALI EM 2L White	33	3,527	106	4,000	300	80	52	618	IP20	IK07	15	60,000
0052605	Rana Neo 3500lm REC 625x625 840 SSC EM 2L White	33	3,527	106	4,000	600	80	52	618	IP20	IK07	15	60,000
<b>1250 x 310</b>													
0052606	Rana Neo 3700lm REC 1250x310 840 CC 1L White	30	3,761	125	4,000	300	80	52	1246	IP20	IK07	18	60,000
0052607	Rana Neo 3700lm REC 1250x310 840 DALI 1L White	31	3,761	121	4,000	300	80	52	1246	IP20	IK07	18	60,000
0052608	Rana Neo 3700lm REC 1250x310 840 SSC 1L White	31	3,761	121	4,000	600	80	52	1246	IP20	IK07	18	60,000
0044939	Rana Neo 3700lm REC 1250x310 840 SSA01 1L White	31	3,761	121	4,000	300	80	60	1246	IP20	IK07	18	60,000
0052609	Rana Neo 3700lm REC 1250x310 840 CC EM 1L White	32	3,761	117	4,000	300	80	52	1246	IP20	IK07	18	60,000
0052610	Rana Neo 3700lm REC 1250x310 840 DALI EM 1L White	33	3,761	113	4,000	300	80	52	1246	IP20	IK07	18	60,000
0052611	Rana Neo 3700lm REC 1250x310 840 SSC EM 1L White	33	3,761	113	4,000	600	80	52	1246	IP20	IK07	18	60,000

# Rana Neo Surface

## Product information

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Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>3000K</b>													
0054210	Rana Neo 3300lm S 600 830 CC 2L White	30	3,300	110	3,000	300	80	56	616	IP20	IK07	15	60,000
0054212	Rana Neo 3300lm S 600 830 DALI 2L White	31	3,300	106	3,000	300	80	56	616	IP20	IK07	15	60,000
0054214	Rana Neo 3300lm S 600 830 SSC 2L White	31	3,300	106	3,000	600	80	56	616	IP20	IK07	15	60,000
0044940	Rana Neo 3300lm S 600 830 SSA01 2L White	31	3,300	106	3,000	300	80	63	616	IP20	IK07	15	60,000
0054216	Rana Neo 3300lm S 600 830 CC EM 2L White	32	3,300	103	3,000	300	80	56	616	IP20	IK07	15	60,000
0054218	Rana Neo 3300lm S 600 830 DALI EM 2L White	33	3,300	100	3,000	300	80	56	616	IP20	IK07	15	60,000
0054220	Rana Neo 3300lm S 600 830 SSC EM 2L White	33	3,300	100	3,000	600	80	56	616	IP20	IK07	15	60,000
<b>4000K</b>													
0054211	Rana Neo 3500lm S 600 840 CC 2L White	30	3,500	116	4,000	300	80	56	616	IP20	IK07	15	60,000
0054213	Rana Neo 3500lm S 600 840 DALI 2L White	31	3,500	112	4,000	300	80	56	616	IP20	IK07	15	60,000
0054215	Rana Neo 3500lm S 600 840 SSC 2L White	31	3,500	112	4,000	600	80	56	616	IP20	IK07	15	60,000
0044941	Rana Neo 3500lm S 600 840 SSA01 2L White	31	3,500	112	4,000	300	80	63	616	IP20	IK07	15	60,000
0054217	Rana Neo 3500lm S 600 840 CC EM 2L White	32	3,500	109	4,000	300	80	56	616	IP20	IK07	15	60,000
0054219	Rana Neo 3500lm S 600 840 DALI EM 2L White	33	3,500	106	4,000	300	80	56	616	IP20	IK07	15	60,000
0054221	Rana Neo 3500lm S 600 840 SSC EM 2L White	33	3,500	106	4,000	600	80	56	616	IP20	IK07	15	60,000
<b>1200 x 200 - low output - 3000K</b>													
0054222	Rana Neo 3600lm S 1200 830 CC 1L White	29	3,600	124	3,000	300	80	56	1,160	IP20	IK07	19	60,000
0054224	Rana Neo 3600lm S 1200 830 DALI 1L White	30	3,600	120	3,000	300	80	56	1,160	IP20	IK07	19	60,000
0054226	Rana Neo 3600lm S 1200 830 SSC 1L White	30	3,600	120	3,000	600	80	56	1,160	IP20	IK07	19	60,000
0044942	Rana Neo 3600lm S 1200 830 SSA01 1L White	30	3,600	120	3,000	300	80	60	1,160	IP20	IK07	19	60,000
0054228	Rana Neo 3600lm S 1200 830 CC EM 1L White	31	3,600	116	3,000	300	80	56	1,160	IP20	IK07	19	60,000
0054230	Rana Neo 3600lm S 1200 830 DALI EM 1L White	32	3,600	112	3,000	300	80	56	1,160	IP20	IK07	19	60,000
0054232	Rana Neo 3600lm S 1200 830 SSC EM 1L White	32	3,600	112	3,000	600	80	56	1,160	IP20	IK07	19	60,000
<b>4000K</b>													
0054223	Rana Neo 3800lm S 1200 840 CC 1L White	29	3,800	131	4,000	300	80	56	1,160	IP20	IK07	19	60,000
0054225	Rana Neo 3800lm S 1200 840 DALI 1L White	30	3,800	126	4,000	300	80	56	1,160	IP20	IK07	19	60,000
0054227	Rana Neo 3800lm S 1200 840 SSC 1L White	30	3,800	126	4,000	600	80	56	1,160	IP20	IK07	19	60,000
0044944	Rana Neo 3800lm S 1200 840 SSA01 1L White	30	3,800	126	4,000	300	80	60	1,160	IP20	IK07	19	60,000
0054229	Rana Neo 3800lm S 1200 840 CC EM 1L White	31	3,800	122	4,000	300	80	56	1,160	IP20	IK07	19	60,000
0054231	Rana Neo 3800lm S 1200 840 DALI EM 1L White	32	3,800	118	4,000	300	80	56	1,160	IP20	IK07	19	60,000
0054233	Rana Neo 3800lm S 1200 840 SSC EM 1L White	32	3,800	118	4,000	600	80	56	1,160	IP20	IK07	19	60,000
<b>1200 x 200 - high output - 3000K</b>													
0054234	Rana												



Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
0054243	Rana Neo 7500lm S 1200 840 DALI EM 2L White	60	7,500	125	4,000	300	80	56	1,160	IP20	IK07	18	60,000
0054245	Rana Neo 7500lm S 1200 840 SSC EM 2L White	60	7,500	125	4,000	300	80	56	1,160	IP20	IK07	18	60,000
<b>1500 x 200 - low output – 3000K</b>													
0054246	Rana Neo 4300lm S 1500 830 CC 1L White	36	4,400	122	3,000	300	80	56	1,447	IP20	IK07	18	60,000
0054248	Rana Neo 4300lm S 1500 830 DALI 1L White	37	4,400	118	3,000	300	80	56	1,447	IP20	IK07	18	60,000
0054250	Rana Neo 4300lm S 1500 830 SSC 1L White	37	4,400	118	3,000	300	80	56	1,447	IP20	IK07	18	60,000
0044946	Rana Neo 4300lm S 1500 830 SSA01 1L White	37	4,400	118	3,000	300	80	60	1,447	IP20	IK07	18	60,000
0054252	Rana Neo 4300lm S 1500 830 CC EM 1L White	38	4,400	115	3,000	300	80	56	1,447	IP20	IK07	18	60,000
0054254	Rana Neo 4300lm S 1500 830 DALI EM 1L White	39	4,400	112	3,000	300	80	56	1,447	IP20	IK07	18	60,000
0054256	Rana Neo 4300lm S 1500 830 SSC EM 1L White	39	4,400	112	3,000	300	80	56	1,447	IP20	IK07	18	60,000
<b>4000K</b>													
0054247	Rana Neo 4700lm S 1500 840 CC 1L White	36	4,700	130	4,000	300	80	56	1,447	IP20	IK07	18	60,000
0054249	Rana Neo 4700lm S 1500 840 DALI 1L White	37	4,700	127	4,000	300	80	56	1,447	IP20	IK07	18	60,000
0054251	Rana Neo 4700lm S 1500 840 SSC 1L White	37	4,700	127	4,000	300	80	56	1,447	IP20	IK07	18	60,000
0044948	Rana Neo 4700lm S 1500 840 SSA01 1L White	37	4,700	127	4,000	300	80	60	1,447	IP20	IK07	18	60,000
0054253	Rana Neo 4700lm S 1500 840 CC EM 1L White	38	4,700	123	4,000	300	80	56	1,447	IP20	IK07	18	60,000
0054255	Rana Neo 4700lm S 1500 840 DALI EM 1L White	39	4,700	120	4,000	300	80	56	1,447	IP20	IK07	18	60,000
0054257	Rana Neo 4700lm S 1500 840 SSC EM 1L White	39	4,700	120	4,000	300	80	56	1,447	IP20	IK07	18	60,000
<b>1500 x 200 - high output – 3000K</b>													
0054258	Rana Neo 8800lm S 1500 830 CC 2L White	70	8,800	125	3,000	300	80	56	1,447	IP20	IK07	17	60,000
0054260	Rana Neo 8800lm S 1500 830 DALI 2L White	71	8,800	123	3,000	300	80	56	1,447	IP20	IK07	17	60,000
0054262	Rana Neo 8800lm S 1500 830 SSC 2L White	71	8,800	123	3,000	300	80	56	1,447	IP20	IK07	17	60,000
0044947	Rana Neo 8800lm S 1500 830 SSA01 2L White	71	8,800	123	3,000	300	80	60	1,447	IP20	IK07	17	60,000
0054264	Rana Neo 8800lm S 1500 830 CC EM 2L White	72	8,800	122	3,000	300	80	56	1,447	IP20	IK07	17	60,000
0054266	Rana Neo 8800lm S 1500 830 DALI EM 2L White	73	8,800	120	3,000	300	80	56	1,447	IP20	IK07	17	60,000
0054268	Rana Neo 8800lm S 1500 830 SSC EM 2L White	73	8,800	120	3,000	300	80	56	1,447	IP20	IK07	17	60,000
<b>4000K</b>													
0054259	Rana Neo 9500lm S 1500 840 CC 2L White	70	9,500	135	4,000	300	80	56	1,447	IP20	IK07	17	60,000
0054261	Rana Neo 9500lm S 1500 840 DALI 2L White	71	9,500	133	4,000	300	80	56	1,447	IP20	IK07	17	60,000
0054263	Rana Neo 9500lm S 1500 840 SSC 2L White	71	9,500	133	4,000	300	80	56	1,447	IP20	IK07	17	60,000
0044949	Rana Neo 9500lm S 1500 840 SSA01 2L White	71	9,500	133	4,000	300	80	60	1,447	IP20	IK07	17	60,000
0054265	Rana Neo 9500lm S 1500 840 CC EM 2L White	72	9,500	131	4,000	300	80	56	1,447	IP20	IK07	17	60,000
0054267	Rana Neo 9500lm S 1500 840 DALI EM 2L White	73	9,500	130	4,000	300	80	56	1,447	IP20	IK07	17	60,000
0054269	Rana Neo 9500lm S 1500 840 SSC EM 2L White	73	9,500	130	4,000	300	80	56	1,447	IP20	IK07	17	60,000

**Rana Neo Surface – Accessories**

Code	Description
0050581	SUSPENSION KIT RANA SQUARE
5050568	RANA ACC FULL SUSP + POWER 3CORE SET 1W
5050571	RANA ACC FULL SUSP + POWER 5CORE SET 2W
5050574	RANA ACC FULL SUSP + POWER 3CORE SET 1T
5050577	RANA ACC FULL SUSP + POWER 5CORE SET 2T
5050580	RANA ACC SUSP + TW 3CORE 1200 SET 3
5050583	RANA ACC SUSP + TW 5CORE 1200 SET 4
5050586	RANA ACC SUSP + TW 3CORE 1500 SET 5
5050589	RANA ACC SUSP + TW 5CORE 1500 SET 6
5050604	RANA ACC CEILING ROSE
5050616	RANA ACC TW 3CORE 1500
5050619	RANA ACC TW 5CORE 1500
5050622	RANA ACC LINE CLIPS 10PCS
5054686	UNIVERSAL SUSPENSION KIT 1.5M

# Rana Linear Recessed

## Product information

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Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>RANA Linear – Micro Prismatic Optic (MPO) – 3000K</b>													
0052343	RANA Linear R 3Klm WW MPO	31	3,030	97	3,000	300	80	91	1,150	IP20	IK07	21	72,000
0052344	RANA Linear R 3Klm WW MPO D	31	3,030	97	3,000	300	80	91	1,150	IP20	IK07	21	72,000
0052345	RANA Linear R 3Klm WW MPO 1-10	31	3,030	97	3,000	300	80	91	1,150	IP20	IK07	21	72,000
0044915	RANA Linear R 3Klm WW MPO SSA01	31	2,900	93	3,000	300	80	91	1,194	IP20	IK07	21	72,000
<b>4000K</b>													
0052340	RANA Linear R 3Klm NW MPO	31	3,100	100	4,000	300	80	91	1,150	IP20	IK07	21	72,000
0052341	RANA Linear R 3Klm NW MPO D	31	3,100	97	4,000	300	80	91	1,150	IP20	IK07	21	72,000
0052342	RANA Linear R 3Klm NW MPO 1-10	31	3,100	100	4,000	305	80	91	1,150	IP20	IK07	21	72,000
0052477	RANA Linear R 3Klm NW MPO SSC01	32	3,100	97	4,000	600	80	91	1,150	IP20	IK07	21	72,000
0044917	RANA Linear R 3Klm NW MPO SSA01	31	3,100	100	4,000	300	80	91	1,194	IP20	IK07	21	72,000
0052348	RANA Linear R 3Klm NW MPO EM	35	2,890	82	4,000	300	80	91	1,150	IP20	IK07	21	72,000
0052349	RANA Linear R 3Klm NW MPO D EM	35	2,890	82	4,000	300	80	91	1,150	IP20	IK07	22	72,000
0052350	RANA Linear R 3Klm NW MPO 1-10 EM	35	2,890	82	4,000	300	80	91	1,150	IP20	IK07	23	72,000
<b>Louvre + Prismatic Optic – 3000K</b>													
0052355	RANA Linear R 3Klm WW LOUV+PRI	27	3,200	118	3,000	275	80	91	1,150	IP20	IK07	19	72,000
0052356	RANA Linear R 3Klm WW LOUV+PRI D	27	3,200	118	3,000	275	80	91	1,150	IP20	IK07	19	72,000
0052357	RANA Linear R 3Klm WW LOUV+PRI 1-10	27	3,200	118	3,000	275	80	91	1,150	IP20	IK07	19	72,000
0044911	RANA Linear R 3Klm WW LOUV+PRI SSA01	28	2,900	103	3,000	270	80	91	1,194	IP20	IK07	19	72,000
<b>4000K</b>													
0052352	RANA Linear R 3Klm NW LOUV+PRI	27	3,250	120	4,000	275	80	91	1,150	IP20	IK07	19	72,000
0052353	RANA Linear R 3Klm NW LOUV+PRI D	27	3,250	120	4,000	275	80	91	1,150	IP20	IK07	19	72,000
0052354	RANA Linear R 3Klm NW LOUV+PRI 1-10	27	3,250	120	4,000	275	80	91	1,150	IP20	IK07	19	72,000
0052479	RANA Linear R 3Klm NW LOUV+PRI SSC01	28	3,250	116	4,000	550	80	91	1,150	IP20	IK07	18	72,000
0044913	RANA Linear R 3Klm NW LOUV+PRI SSA01	28	3,050	108	4,000	270	80	91	1,194	IP20	IK07	19	72,000
0052360	RANA Linear R 3Klm NW LOUV+PRI EM	31	3,160	101	4,000	275	80	91	1,150	IP20	IK07	19	72,000
0052361	RANA Linear R 3Klm NW LOUV+PRI D EM	31	3,160	101	4,000	275	80	91	1,150	IP20	IK07	19	72,000
0052362	RANA Linear R 3Klm NW LOUV+PRI 1-10 EM	31	3,160	101	4,000	275	80	91	1,150	IP20	IK07	19	72,000
<b>Tunable White</b>													
0052485	RANA Linear R 3Klm TW LOUV+PRI SSC01	31	2,900	94	3,000-6000	600	80	91	1,150	IP20	IK07	17	72,000
<b>RANA Linear - Opal Diffuser – 3000K</b>													
0052367	RANA Linear R 3Klm WW OPAL	31	3,220	103	3,000	300	80	91	1,150	IP20	IK07	23	72,000
0052368	RANA Linear R 3Klm WW OPAL D	31	3,220	103	3,000	300	80	91	1,150	IP20	IK07	23	72,000
0052369	RANA Linear R 3Klm WW OPAL 1-10	31	3,220	103	3,000	300	80	91	1,150	IP20	IK07	23	72,000
0044919	RANA Linear R 3Klm WW OPAL SSA01	32	3,150	98	3,000	300	80	91	1,194	IP20	IK07	24	72,000
<b>4000K</b>													
0052364	RANA Linear R 3Klm NW OPAL	31	3,270	105	4,000	300	80	91	1,150	IP20	IK07	23	72,000
0052365	RANA Linear R 3Klm NW OPAL D	31	3,270	105	4,000	300	80	91	1,150	IP20	IK07	23	72,000
0052366	RANA Linear R 3Klm NW OPAL 1-10	31	3,270	105	4,000	305	80	91	1,150	IP20	IK07	23	72,000
0052481	RANA Linear R 3Klm NW OPAL SSC01	32	3,270	102	4,000	600	80	91	1,150	IP20	IK07	23	72,000
0044921	RANA Linear R 3Klm NW OPAL SSA01	32	3,300	103	4,000	300	80	91	1,194	IP20	IK07	24	72,000
0052372	RANA Linear R 3Klm NW OPAL EM	35	3,210	91	4,000	300	80	91	1,150	IP20	IK07	23	72,000
0052373	RANA Linear R 3Klm NW OPAL D EM	35	3,210	91	4,000	300	80	91	1,150	IP20	IK07	23	72,000
0052374	RANA Linear R 3Klm NW OPAL 1-10 EM	35	3,210	91	4,000	300	80	91	1,150	IP20	IK07	23	72,000



Rana Linear Recessed – Accessories

Code	Description
0051288	RANA LINEAR ACC END ROW MASKING PLATE
0051296	RANA LINEAR ACC TW POWER 3 X 1.5 1350MM
0051297	RANA LINEAR ACC TW POWER 5 X 1.5 1350MM
0051298	RANA LINEAR ACC DIFFUSER PC 1700MM MPO
0051300	RANA LINEAR ACC DIFFUSER PC 1700MM OPAL
0051301	RANA LIN R ACC BRACKET 1-20MM X 1
0051302	RANA LIN R ACC BRACKET 1-20MM X 5
0051303	RANA LIN R ACC BRACKET 21-40MM X 1
0051304	RANA LIN R ACC BRACKET 21-40MM X 5
0098125	RANA Linear ACC END ROW MASKING PLATE

## Rana Linear Surface

### Product information

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>RANA Linear - Micro Prismatic Optic (MPO) – 3000K</b>													
0051253	RANA Linear S 3Klm WW MPO	31	3,030	97	3,000	300	80	87	1,150	IP20	IK07	21	72,000
0051254	RANA Linear S 3Klm WW MPO D	31	3,100	97	3,000	300	80	87	1,150	IP20	IK07	21	72,000
0051255	RANA Linear S 3Klm WW MPO 1-10	31	3,030	97	3,000	305	80	87	1,150	IP20	IK07	21	72,000
0044927	RANA Linear S 3Klm WW MPO SSA01	31	2,900	93	3,000	300	80	98	1,190	IP20	IK07	21	72,000
<b>4000K</b>													
0051250	RANA Linear S 3Klm NW MPO	31	3,100	100	4,000	300	80	87	1,150	IP20	IK07	21	72,000
0051251	RANA Linear S 3Klm NW MPO D	31	3,100	100	4,000	300	80	87	1,150	IP20	IK07	21	72,000
0051252	RANA Linear S 3Klm NW MPO 1-10	31	3,100	100	4,000	305	80	87	1,150	IP20	IK07	21	72,000
0051339	RANA Linear S 3Klm NW MPO SSC01	32	3,100	97	4,000	600	80	87	1,150	IP20	IK07	21	72,000
0044929	RANA Linear S 3Klm NW MPO SSA01	31	3,100	100	4,000	300	80	87	1,190	IP20	IK07	21	72,000
0051258	RANA Linear S 3Klm NW MPO EM	35	2,890	82	4,000	300	80	87	1,150	IP20	IK07	21	72,000
0051259	RANA Linear S 3Klm NW MPO D EM	35	2,890	82	4,000	300	80	87	1,150	IP20	IK07	21	72,000
0051260	RANA Linear S 3Klm NW MPO 1-10 EM	35	2,890	82	4,000	300	80	87	1,150	IP20	IK07	21	72,000
<b>RANA Linear - Louvre + Prismatic Optic – 3000K</b>													
0051265	RANA Linear S 3Klm WW LOUV+PRI	27	3,200	118	3,000	275	80	87	1,150	IP20	IK07	19	72,000
0051266	RANA Linear S 3Klm WW LOUV+PRI D	27	3,200	118	3,000	275	80	87	1,150	IP20	IK07	19	72,000
0051267	RANA Linear S 3Klm WW LOUV+PRI 1-10	27	3,200	118	3,000	275	80	87	1,150	IP20	IK07	19	72,000
0044923	RANA Linear S 3Klm WW LOUV+PRI SSA01	28	2,900	103	3,000	270	80	87	1,190	IP20	IK07	19	72,000
<b>4000K</b>													
0051262	RANA Linear S 3Klm NW LOUV+PRI	27	3,250	120	4,000	275	80	87	1,150	IP20	IK07	19	72,000
0051263	RANA Linear S 3Klm NW LOUV+PRI D	27	3,250	120	4,000	275	80	87	1,150	IP20	IK07	19	72,000
0051264	RANA Linear S 3Klm NW LOUV+PRI 1-10	27	3,250	120	4,000	275	80	87	1,150	IP20	IK07	19	72,000
0051341	RANA Linear S 3Klm NW LOUV+PRI SSC01	28	3,250	116	4,000	550	80	87	1,150	IP20	IK07	18	72,000
0044925	RANA Linear S 3Klm NW LOUV+PRI SSA01	28	3,050	108	4,000	270	80	87	1,190	IP20	IK07	19	72,000
0051270	RANA Linear S 3Klm NW LOUV+PRI EM	31	3,160	101	4,000	275	80	87	1,150	IP20	IK07	19	72,000
0051271	RANA Linear S 3Klm NW LOUV+PRI D EM	31	3,160	101	4,000	275	80	87	1,150	IP20	IK07	19	72,000
0051272	RANA Linear S 3Klm NW LOUV+PRI 1-10 EM	31	3,160	101	4,000	275	80	87	1,150	IP20	IK07	19	72,000
<b>Tunable White</b>													
0051345	RANA Linear S 3Klm TW LOUV+PRI SSC01	31	2,900	94	3,000-6000	600	80	87	1,150	IP20	IK07	17	72,000

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>RANA Linear - Opal Diffuser – 3000K</b>													
0051278	RANA Linear S 3Klm WW OPAL	31	3,220	103	3,000	300	80	87	1,150	IP20	IK07	23	72,000
0051279	RANA Linear S 3Klm WW OPAL D	31	3,220	103	3,000	300	80	87	1,150	IP20	IK07	23	72,000
0051280	RANA Linear S 3Klm WW OPAL 1-10	31	3,220	103	3,000	305	80	87	1,150	IP20	IK07	23	72,000
0044931	RANA Linear S 3Klm WW OPAL SSA01	32	3,150	98	3,000	300	80	87	1,190	IP20	IK07	24	72,000
<b>4000K</b>													
0051275	RANA Linear S 3Klm NW OPAL	31	3,270	105	4,000	300	80	87	1,150	IP20	IK07	23	72,000
0051276	RANA Linear S 3Klm NW OPAL D	31	3,270	105	4,000	300	80	87	1,150	IP20	IK07	23	72,000
0051277	RANA Linear S 3Klm NW OPAL 1-10	31	3,270	105	4,000	305	80	87	1,150	IP20	IK07	23	72,000
0051343	RANA Linear S 3Klm NW OPAL SSC01	32	3,270	102	4,000	600	80	87	1,150	IP20	IK07	23	72,000
0044933	RANA Linear S 3Klm NW OPAL SSA01	32	3,300	103	4,000	300	80	87	1,190	IP20	IK07	24	72,000
0051283	RANA Linear S 3Klm NW OPAL EM	35	3,210	91	4,000	300	80	87	1,150	IP20	IK07	23	72,000
0051284	RANA Linear S 3Klm NW OPAL D EM	35	3,210	91	4,000	300	80	87	1,150	IP20	IK07	23	72,000
0051285	RANA Linear S 3Klm NW OPAL 1-10 EM	35	3,210	91	4,000	300	80	87	1,150	IP20	IK07	23	72,000

Accessories

Code	Description
<b>Rana Linear Suspended</b>	
0051290	RANA LIN S ACC SUSP + POWER 3 X 1.5MM W
0051291	RANA LIN S ACC SUSP + POWER 3 X 1.5MM T
0051292	RANA LIN S ACC SUSP + POWER 5 X 1.5MM W
0051293	RANA LIN S ACC SUSP + POWER 5 X 1.5MM T
0051294	RANA LIN S ACC IN-LINE SUSPENSION Y KIT
0051295	RANA LIN S ACC IN-LINE SURFACE KIT
0051315	RANA LIN S ACC 2 X SUSPENSION CABLES
0051316	RANA LIN S ACC IN-LINE SUSP Y KIT + TW 3
0051317	RANA LIN S ACC IN-LINE SUSP Y KIT + TW 5
0051318	RANA LIN S ACC IN-LINE SURF KIT + TW 3
0051319	RANA LIN S ACC IN-LINE SURF KIT + TW 5
<b>All Rana Linear</b>	
0051288	RANA LINEAR ACC END ROW MASKING PLATE
0051296	RANA LINEAR ACC TW POWER 3 X 1.5 1350MM
0051297	RANA LINEAR ACC TW POWER 5 X 1.5 1350MM
0051298	RANA LINEAR ACC DIFFUSER PC 1700MM MPO
0051300	RANA LINEAR ACC DIFFUSER PC 1700MM OPAL



# Optix Recessed – Concord Rebranded Generation

## Product information

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Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>600x600 - 3000K</b>														
0044120	2023590	OPTIX RECESSED 600 2L SO 3000K ALU	23	2,900	126	3,000	450	80	38	596	IP20	IK07	16	120,000
0044126	2023592	OPTIX RECESSED 600 2L SO 3000K WHT	21	2,800	133	3,000	400	80	38	596	IP20	IK07	19	120,000
0044123	2023591	OPTIX RECESSED 600 2L SO 3000K ALU DALI	23	2,900	126	3,000	225	80	38	596	IP20	IK07	19	120,000
0044127	2023593	OPTIX RECESSED 600 2L SO 3000K WHT DALI	21	2,800	133	3,000	200	80	38	596	IP20	IK07	19	120,000
0044102	2023606	OPTIX RECESSED 600 3L 3000K WHT	26	3,550	137	3,000	500	80	38	596	IP20	IK07	19	120,000
0044103	2023604	OPTIX RECESSED 600 3L 3000K ALU	26	3,250	125	3,000	500	80	38	596	IP20	IK07	16	120,000
0044104	2023607	OPTIX RECESSED 600 3L 3000K WHT DALI	26	3,550	137	3,000	150	80	38	596	IP20	IK07	19	120,000
0044105	2023605	OPTIX RECESSED 600 3L 3000K ALU DALI	26	3,250	125	3,000	175	80	38	596	IP20	IK07	16	120,000
0044118	2023572	OPTIX RECESSED 600 2L 3000K WHT	26	3,450	133	3,000	500	80	38	596	IP20	IK07	19	120,000
0044119	2023570	OPTIX RECESSED 600 2L 3000K ALU	26	3,200	123	3,000	500	80	38	596	IP20	IK07	16	120,000
0044121	2023573	OPTIX RECESSED 600 2L 3000K WHT DALI	26	3,450	133	3,000	250	80	38	596	IP20	IK07	19	120,000
0044122	2023571	OPTIX RECESSED 600 2L 3000K ALU DALI	26	3,200	123	3,000	250	80	38	596	IP20	IK07	16	120,000
0044232	2023618	OPTIX RECESSED 600 3L HO 3000K ALU	36	4,450	124	3,000	700	80	38	596	IP20	IK07	16	120,000
0044233	2023619	OPTIX RECESSED 600 3L HO 3000K ALU DALI	36	4,450	124	3,000	250	80	38	596	IP20	IK07	16	120,000
0044234	2023620	OPTIX RECESSED 600 3L HO 3000K WHT	34	4,600	135	3,000	700	80	38	596	IP20	IK07	19	120,000
0044235	2023621	OPTIX RECESSED 600 3L HO 3000K WHT DALI	34	4,600	135	3,000	235	80	38	596	IP20	IK07	19	120,000
<b>600x600 - 4000K</b>														
0044110	2023632	OPTIX RECESSED 600 3L SO 4000K ALU	21	2,900	138	4,000	400	80	38	596	IP20	IK07	16	120,000
0044111	2023634	OPTIX RECESSED 600 3L SO 4000K WHT	20	2,900	145	4,000	375	80	38	596	IP20	IK07	19	120,000
0044112	2023633	OPTIX RECESSED 600 3L SO 4000K ALU DALI	21	2,900	138	4,000	125	80	38	596	IP20	IK07	16	120,000
0044113	2023635	OPTIX RECESSED 600 3L SO 4000K WHT DALI	20	2,900	145	4,000	125	80	38	596	IP20	IK07	19	120,000
0044106	2023613	OPTIX RECESSED 600 3L 4000K WHT	24	3,450	144	4,000	500	80	38	596	IP20	IK07	19	120,000
0044107	2023608	OPTIX RECESSED 600 3L 4000K ALU	26	3,600	138	4,000	500	80	38	596	IP20	IK07	16	120,000
0044108	2023614	OPTIX RECESSED 600 3L 4000K WHT DALI	24	3,450	144	4,000	165	80	38	596	IP20	IK07	19	120,000
0044109	2023609	OPTIX RECESSED 600 3L 4000K ALU DALI	26	3,600	138	4,000	175	80	38	596	IP20	IK07	16	120,000
0044114	2023616	OPTIX RECESSED 600 3L 4000K WHT EM	24	3,450	144	4,000	450	80	38	596	IP20	IK07	19	120,000
0044115	2023611	OPTIX RECESSED 600 3L 4000K ALU EM	26	3,600	138	4,000	500	80	38	596	IP20	IK07	16	120,000
0044116	2023615	OPTIX RECESSED 600 3L 4000K WHT DALI EM	24	3,450	144	4,000	225	80	38	596	IP20	IK07	19	120,000
0044117	2023610	OPTIX RECESSED 600 3L 4000K ALU DALI EM	26	3,600	138	4,000	250	80	38	596	IP20	IK07	16	120,000
0044143	2023612	OPTIX RECESSED 600 3L 4000K ALU SSC	27	3,600	133	4,000	250	80	38	596	IP20	IK07	16	120,000
0044144	2023617	OPTIX RECESSED 600 3L 4000K WHT SSC	25	3,450	138	4,000	250	80	38	596	IP20	IK07	19	120,000
0044236	2023622	OPTIX RECESSED 600 3L HO 4000K ALU	33	4,500	136	4,000	700	80	38	596	IP20	IK07	16	120,000
0044237	2023627	OPTIX RECESSED 600 3L HO 4000K WHT	31	4,550	147	4,000	600	80	38	596	IP20	IK07	19	120,000
0044238	2023623	OPTIX RECESSED 600 3L HO 4000K ALU DALI	33	4,500	136	4,000	265	80	38	596	IP20	IK07	16	120,000
0044239	2023628	OPTIX RECESSED 600 3L HO 4000K WHT DALI	31	4,550	147	4,000	215	80	38	596	IP20	IK07	19	120,000
0044242	2023630	OPTIX RECESSED 600 3L HO 4000K WHT EM	31	4,550	147	4,000	600	80	38	596	IP20	IK07	19	120,000
0044243	2023625	OPTIX RECESSED 600 3L HO 4000K ALU EM	33	4,500	136	4,000	700	80	38	596	IP20	IK07	16	120,000
0044244	2023629	OPTIX RECESSED 600 3L HO 4000K WHT DALI EM	31	4,550	147	4,000	215	80	38	596	IP20	IK07	19	120,000
0044245	2023624	OPTIX RECESSED 600 3L HO 4000K ALU DALI EM	33	4,500	136	4,000	265	80	38	596	IP20	IK07	16	120,000
0044970	2023626	OPTIX RECESSED 600 3L HO 4000K ALU SSA01	34	4,500	132	4,000	255	80	38	596	IP20	IK07	16	120,000
0044971	2023631	OPTIX RECESSED 600 3L HO 4000K WHT SSA01	32	4,450	139	4,000	210	80	38	596	IP20	IK07	19	120,000
0044130	2023594	OPTIX RECESSED 600 2L SO 4000K ALU	21	2,800	133	4,000	400	80	38	596	IP20	IK07	16	120,000

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
0044131	2023599	OPTIX RECESSED 600 2L SO 4000K WHT	20	2,850	143	4,000	375	80	38	596	IP20	IK07	19	120,000
0044135	2023595	OPTIX RECESSED 600 2L SO 4000K ALU DALI	21	2,800	133	4,000	200	80	38	596	IP20	IK07	16	120,000
0044136	2023600	OPTIX RECESSED 600 2L SO 4000K WHT DALI	20	2,850	143	4,000	175	80	38	596	IP20	IK07	19	120,000
0044152	2023597	OPTIX RECESSED 600 2L SO 4000K ALU EM	21	2,900	138	4,000	400	80	38	596	IP20	IK07	16	120,000
0044150	2023602	OPTIX RECESSED 600 2L SO 4000K WHT EM	20	2,900	145	4,000	375	80	38	596	IP20	IK07	19	120,000
0044154	2023601	OPTIX RECESSED 600 2L SO 4000K WHT DALI EM	20	2,850	145	4,000	175	80	38	596	IP20	IK07	19	120,000
0044156	2023596	OPTIX RECESSED 600 2L SO 4000K ALU DALI EM	21	2,800	138	4,000	200	80	38	596	IP20	IK07	16	120,000
0044968	2023598	OPTIX RECESSED 600 2L SO 4000K ALU SSA01	22	2,800	127	4,000	200	80	38	596	IP20	IK07	16	120,000
0044969	2023603	OPTIX RECESSED 600 2L SO 4000K WHT SSA01	21	2,850	136	4,000	180	80	38	596	IP20	IK07	19	120,000
0044128	2023585	OPTIX RECESSED 600 2L 4000K WHT	23	3,350	146	4,000	500	80	38	596	IP20	IK07	19	120,000
0044129	2023574	OPTIX RECESSED 600 2L 4000K ALU	26	3,400	131	4,000	500	80	38	596	IP20	IK07	16	120,000
0044133	2023586	OPTIX RECESSED 600 2L 4000K WHT DALI	23	3,350	146	4,000	250	80	38	596	IP20	IK07	19	120,000
0044134	2023575	OPTIX RECESSED 600 2L 4000K ALU DALI	26	3,400	131	4,000	250	80	38	596	IP20	IK07	16	120,000
0044149	2023588	OPTIX RECESSED 600 2L 4000K WHT EM	24	3,450	144	4,000	500	80	38	596	IP20	IK07	19	120,000
0044151	2023577	OPTIX RECESSED 600 2L 4000K ALU EM	26	3,600	138	4,000	500	80	38	596	IP20	IK07	16	120,000
0044153	2023587	OPTIX RECESSED 600 2L 4000K WHT DALI EM	24	3,450	144	4,000	250	80	38	596	IP20	IK07	19	120,000
0044155	2023576	OPTIX RECESSED 600 2L 4000K ALU DALI EM	26	3,600	138	4,000	250	80	38	596	IP20	IK07	16	120,000
0044966	2023578	OPTIX RECESSED 600 2L 4000K ALU SSA01	27	3,400	126	4,000	250	80	38	596	IP20	IK07	16	120,000
0044967	2023589	OPTIX RECESSED 600 2L 4000K WHT SSA01	24	3,400	142	4,000	250	80	38	596	IP20	IK07	19	120,000
0044161	2023582	OPTIX RECESSED 600 2L 4000K C9 WHT	28	3,500	125	4,000	550	90	38	596	IP20	IK07	19	120,000
0044162	2023579	OPTIX RECESSED 600 2L 4000K C9 ALU	<b>30</b>	3,550	118	4,000	600	90	38	596	IP20	IK07	16	120,000
0044163	2023583	OPTIX RECESSED 600 2L 4000K C9 WHT DALI	28	3,500	125	4,000	275	90	38	596	IP20	IK07	19	120,000
0044164	2023580	OPTIX RECESSED 600 2L 4000K C9 ALU DALI	30	3,550	118	4,000	300	90	38	596	IP20	IK07	16	120,000
0044167	2023584	OPTIX RECESSED 600 2L 4000K C9 WHT EM	28	3,500	125	4,000	550	90	38	596	IP20	IK07	19	120,000
0044168	2023581	OPTIX RECESSED 600 2L 4000K C9 ALU EM	30	3,550	118	4,000	600	90	38	596	IP20	IK07	16	120,000
<b>600x600 - Tunable White</b>														
0044169	2023638	OPTIX RECESSED 600 3L TW WHT DALI	30	3,600	120	3,000	600	80	38	596	IP20	IK07	19	120,000
0044170	2023636	OPTIX RECESSED 600 3L TW ALU DALI	30	3,400	113	3,000	600	80	38	596	IP20	IK07	16	120,000
0044171	2023639	OPTIX RECESSED 600 3L TW WHT SSC01	31	3,600	120	3,000	600	80	38	596	IP20	IK07	19	120,000
0044172	2023637	OPTIX RECESSED 600 3L TW ALU SSC01	31	3,400	113	3,000	600	80	38	596	IP20	IK07	16	120,000
<b>625x625 - 4000K</b>														
0044173	2023645	OPTIX RECESSED 625 3L 4000K WHT	24	3,450	144	4,000	500	80	38	621	IP20	IK07	19	120,000
0044174	2023640	OPTIX RECESSED 625 3L 4000K ALU	26	3,600	138	4,000	500	80	38	621	IP20	IK07	16	120,000
0044175	2023646	OPTIX RECESSED 625 3L 4000K WHT DALI	24	3,450	144	4,000	250	80	38	621	IP20	IK07	19	120,000
0044176	2023641	OPTIX RECESSED 625 3L 4000K ALU DALI	26	3,600	138	4,000	250	80	38	621	IP20	IK07	16	120,000
0044179	2023649	OPTIX RECESSED 625 3L 4000K WHT SSC	25	3,450	138	4,000	250	80	38	621	IP20	IK07	19	120,000
0044180	2023644	OPTIX RECESSED 625												



Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>1200x300 - 3000K</b>														
0044183	2023654	OPTIX RECESSED 1200 1L 3000K ALU	26	3,200	123	3,000	500	80	38	1,196	IP20	IK07	19	120,000
0044184	2023655	OPTIX RECESSED 1200 1L 3000K ALU DALI	26	3,200	123	3,000	250	80	38	1,196	IP20	IK07	19	120,000
0044189	2023662	OPTIX RECESSED 1200 2L 3000K WHT	26	3,550	137	3,000	500	80	38	1,196	IP20	IK07	19	120,000
0044190	2023660	OPTIX RECESSED 1200 2L 3000K ALU	26	3,250	125	3,000	500	80	38	1,196	IP20	IK07	16	120,000
0044192	2023663	OPTIX RECESSED 1200 2L 3000K WHT DALI	26	3,550	137	3,000	250	80	38	1,196	IP20	IK07	19	120,000
0044193	2023661	OPTIX RECESSED 1200 2L 3000K ALU DALI	26	3,250	125	3,000	250	80	38	1,196	IP20	IK07	16	120,000
<b>1200x300 - 4000K</b>														
0044185	2023656	OPTIX RECESSED 1200 1L 4000K ALU	27	3,400	126	4,000	500	80	38	1,196	IP20	IK07	19	120,000
0044186	2023657	OPTIX RECESSED 1200 1L 4000K ALU DALI	27	3,400	126	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044187	2023659	OPTIX RECESSED 1200 1L 4000K ALU EM	27	3,400	126	4,000	500	80	38	1,196	IP20	IK07	19	120,000
0044188	2023658	OPTIX RECESSED 1200 1L 4000K ALU DALI EM	27	3,400	126	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044195	2023676	OPTIX RECESSED 1200 2L 4000K WHT	24	3,450	144	4,000	500	80	38	1,196	IP20	IK07	19	120,000
0044196	2023664	OPTIX RECESSED 1200 2L 4000K ALU	26	3,600	138	4,000	500	80	38	1,196	IP20	IK07	16	120,000
0044198	2023677	OPTIX RECESSED 1200 2L 4000K WHT DALI	24	3,450	144	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044199	2023665	OPTIX RECESSED 1200 2L 4000K ALU DALI	26	3,600	138	4,000	250	80	38	1,196	IP20	IK07	16	120,000
0044204	2023679	OPTIX RECESSED 1200 2L 4000K WHT EM	24	3,450	144	4,000	500	80	38	1,196	IP20	IK07	19	120,000
0044205	2023667	OPTIX RECESSED 1200 2L 4000K ALU EM	26	3,600	138	4,000	500	80	38	1,196	IP20	IK07	16	120,000
0044206	2023678	OPTIX RECESSED 1200 2L 4000K WHT DALI EM	24	3,450	144	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044207	2023666	OPTIX RECESSED 1200 2L 4000K ALU DALI EM	26	3,600	138	4,000	250	80	38	1,196	IP20	IK07	16	120,000
0044145	2023669	OPTIX RECESSED 1200 2L 4000K ALU SSC	27	3,600	133	4,000	250	80	38	1,196	IP20	IK07	16	120,000
0044146	2023681	OPTIX RECESSED 1200 2L 4000K WHT SSC	25	3,450	138	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044976	2023668	OPTIX RECESSED 1200 2L 4000K ALU SSA01	27	3,600	133	4,000	250	80	38	1,196	IP20	IK07	16	120,000
0044977	2023680	OPTIX RECESSED 1200 2L 4000K WHT SSA01	25	3,500	140	4,000	250	80	38	1,196	IP20	IK07	19	120,000
0044210	2023673	OPTIX RECESSED 1200 2L 4000K C9 WHT	25	3,500	140	4,000	500	90	38	1,196	IP20	IK07	19	120,000
0044211	2023670	OPTIX RECESSED 1200 2L 4000K C9 ALU	28	3,500	125	4,000	550	90	38	1,196	IP20	IK07	16	120,000
0044212	2023674	OPTIX RECESSED 1200 2L 4000K C9 WHT DALI	25	3,500	140	4,000	250	90	38	1,196	IP20	IK07	19	120,000
0044213	2023671	OPTIX RECESSED 1200 2L 4000K C9 ALU DALI	28	3,500	125	4,000	275	90	38	1,196	IP20	IK07	16	120,000
0044216	2023675	OPTIX RECESSED 1200 2L 4000K C9 WHT EM	25	3,500	140	4,000	500	90	38	1,196	IP20	IK07	19	120,000
0044217	2023672	OPTIX RECESSED 1200 2L 4000K C9 ALU EM	28	3,500	125	4,000	550	90	38	1,196	IP20	IK07	16	120,000
<b>1200x300 - Tunable White</b>														
0044218	2023684	OPTIX RECESSED 1200 2L TW WHT DALI	30	3,600	120	3,000	600	80	38	1,196	IP20	IK07	19	120,000
0044219	2023682	OPTIX RECESSED 1200 2L TW ALU DALI	30	3,200	107	3,000	600	80	38	1,196	IP20	IK07	16	120,000
0044220	2023685	OPTIX RECESSED 1200 2L TW WHT SSC01	31	3,600	120	3,000	600	80	38	1,196	IP20	IK07	19	120,000
0044221	2023683	OPTIX RECESSED 1200 2L TW ALU SSC01	31	3,200	107	3,000	600	80	38	1,196	IP20	IK07	16	120,000
<b>1250x310 - 4000K</b>														
0044222	2023691	OPTIX RECESSED 1250 2L 4000K WHT	24	3,450	144	4,000	500	80	38	1,246	IP20	IK07	19	120,000
0044223	2023686	OPTIX RECESSED 1250 2L 4000K ALU	26	3,600	138	4,000	500	80	38	1,246	IP20	IK07	16	120,000
0044224	2023692	OPTIX RECESSED 1250 2L 4000K WHT DALI	24	3,450	144	4,000	250	80	38	1,246	IP20	IK07	19	120,000
0044225	2023687	OPTIX RECESSED 1250 2L 4000K ALU DALI	26	3,600	138	4,000	250	80	38	1,246	IP20	IK07	16	120,000
0044228	2023695	OPTIX RECESSED 1250 2L 4000K WHT SSC	25	3,450	138	4,000	250	80	38	1,246	IP20	IK07	19	120,000
0044229	2023690	OPTIX RECESSED 1250 2L 4000K ALU SSC	27	3,600	133	4,000	250	80	38	1,246	IP20	IK07	16	120,000
0044230	2023693	OPTIX RECESSED 1250 2L 4000K WHT EMCB	24	3,450	144	4,000	500	80	38	1,246	IP20	IK07	19	120,000
0044231	2023688	OPTIX RECESSED 1250 2L 4000K ALU EMCB	26	3,600	138	4,000	500	80	38	1,246	IP20	IK07	16	120,000
0044980	2023689	OPTIX RECESSED 1250 2L 4000K ALU SSA01	27	3,600	133	4,000	250	80	38	1,246	IP20	IK07	16	120,000
0044981	2023694	OPTIX RECESSED 1250 2L 4000K WHT SSA01	25	3,500	140	4,000	250	80	38	1,246	IP20	IK07	19	120,000

<b>1250x310 - Tunable White</b>														
0044147	2023699	OPTIX RECESSED 1250 2L TW WHT SSC01	31	3,600	120	3,000	600	80	38	1,246	IP20	IK07	19	120,000
0044148	2023697	OPTIX RECESSED 1250 2L TW ALU SSC01	31	3,200	107	3,000	600	80	38	1,246	IP20	IK07	16	120,000
0044194	2023698	OPTIX RECESSED 1250 2L TW WHT DALI	30	3,600	120	3,000	600	80	38	1,246	IP20	IK07	19	120,000
0044197	2023696	OPTIX RECESSED 1250 2L TW ALU DALI	30	3,200	107	3,000	600	80	38	1,246	IP20	IK07	16	120,000
<b>Accessories</b>														
Code	Description													
0044248	Optix Recessed Pull Up Kit													
0044249	Optix Recessed Surface Mounting Kit 600X600													

## Optix Surface – Concord Rebranded Generation

### Product information

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Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>1200x200 - 3000K</b>														
0045000	2023700	OPTIX SURFACE 1200 2L 3000K ALU	26	3,400	131	3,000	500	80	45	1,129	IP20	IK07	16	120,000
0045001	2023702	OPTIX SURFACE 1200 2L 3000K WHT	23	3,400	148	3,000	500	80	45	1,129	IP20	IK07	19	120,000
0045002	2023701	OPTIX SURFACE 1200 2L 3000K ALU DALI	26	3,400	131	3,000	250	80	45	1,129	IP20	IK07	16	120,000
0045003	2023703	OPTIX SURFACE 1200 2L 3000K WHT DALI	23	3,400	148	3,000	280	80	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - Direct/Indirect - 3000K</b>														
0045030	2023720	OPTIX SURFACE 1200 2L D/I 3000K ALU	29	4,000	138	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045031	2023722	OPTIX SURFACE 1200 2L D/I 3000K WHT	26	4,000	154	3,000	500	80	45	1,129	IP20	IK07	19	120,000
0045032	2023721	OPTIX SURFACE 1200 2L D/I 3000K ALU DALI	29	4,000	138	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045033	2023723	OPTIX SURFACE 1200 2L D/I 3000K WHT DALI	26	4,000	154	3,000	500	80	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - Direct/Indirect - High Output - 3000K</b>														
0045061	2023740	OPTIX SURFACE 1200 2L D/I HO 3000K ALU	36	5,100	142	3,000	250	80	45	1,129	IP20	IK07	16	120,000
0045062	2023742	OPTIX SURFACE 1200 2L D/I HO 3000K WHT	33	5,100	155	3,000	700	80	45	1,129	IP20	IK07	19	120,000
0045063	2023741	OPTIX SURFACE 1200 2L D/I HO 3000K ALU DALI	36	5,100	142	3,000	750	80	45	1,129	IP20	IK07	16	120,000
0045064	2023743	OPTIX SURFACE 1200 2L D/I HO 3000K WHT DALI	33	5,100	155	3,000	700	80	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - 4000K</b>														
0045004	2023704	OPTIX SURFACE 1200 2L 4000K ALU	26	3,600	138	4,000	500	80	45	1,129	IP20	IK07	16	120,000
0045005	2023714	OPTIX SURFACE 1200 2L 4000K WHT	23	3,600	157	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0045006	2023705	OPTIX SURFACE 1200 2L 4000K ALU DALI	26	3,600	138	4,000	250	80	45	1,129	IP20	IK07	16	120,000
0045007	2023715	OPTIX SURFACE 1200 2L 4000K WHT DALI	23	3,600	157	4,000	250	80	45	1,129	IP20	IK07	19	120,000
0045010	2023709	OPTIX SURFACE 1200 2L 4000K ALU SSC	27	3,600	133	4,000	250	80	45	1,129	IP20	IK07	16	120,000
0045011	2023719	OPTIX SURFACE 1200 2L 4000K WHT SSC	24	3,600	150	4,000	250	80	45	1,129	IP20	IK07	19	120,000
0045012	2023707	OPTIX SURFACE 1200 2L 4000K ALU EM	29	3,600	124	4,000	500	80	45	1,129				



Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>1200x200 - Direct/Indirect - 4000K</b>														
0045034	2023724	OPTIX SURFACE 1200 2L D/I 4000K ALU	29	4,100	141	4,000	550	80	45	1,129	IP20	IK07	16	120,000
0045035	2023734	OPTIX SURFACE 1200 2L D/I 4000K WHT	25	4,100	164	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0045036	2023725	OPTIX SURFACE 1200 2L D/I 4000K ALU DALI	29	4,100	141	4,000	550	80	45	1,129	IP20	IK07	16	120,000
0045037	2023735	OPTIX SURFACE 1200 2L D/I 4000K WHT DALI	25	4,100	164	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0045040	2023729	OPTIX SURFACE 1200 2L D/I 4000K ALU SSC	30	4,100	137	4,000	550	80	45	1,129	IP20	IK07	16	120,000
0045041	2023739	OPTIX SURFACE 1200 2L D/I 4000K WHT SSC	26	4,100	158	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0045042	2023727	OPTIX SURFACE 1200 2L D/I 4000K ALU EM	32	4,100	128	4,000	550	80	45	1,129	IP20	IK07	16	120,000
0045043	2023737	OPTIX SURFACE 1200 2L D/I 4000K WHT EM	28	4,100	146	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0045044	2023726	OPTIX SURFACE 1200 2L D/I 4000K ALU DALI EM	32	4,100	128	4,000	550	80	45	1,129	IP20	IK07	16	120,000
0045045	2023736	OPTIX SURFACE 1200 2L D/I 4000K WHT DALI EM	28	4,100	146	4,000	500	80	45	1,129	IP20	IK07	19	120,000
0044984	2023728	OPTIX SURFACE 1200 2L D/I 4000K ALU SSA01	30	4,100	137	4,000	180	80	45	1,129	IP20	IK07	16	120,000
0044985	2023738	OPTIX SURFACE 1200 2L D/I 4000K WHT SSA01	26	4,100	158	4,000	170	80	45	1,129	IP20	IK07	19	120,000
0045048	2023730	OPTIX SURFACE 1200 2L D/I 4000K C9 ALU DALI	32	4,100	128	4,000	650	90	45	1,129	IP20	IK07	16	120,000
0045049	2023732	OPTIX SURFACE 1200 2L D/I 4000K C9 WHT DALI	29	4,100	141	4,000	600	90	45	1,129	IP20	IK07	19	120,000
0045051	2023731	OPTIX SURFACE 1200 2L D/I 4000K C9 ALU DALI EM	35	4,100	117	4,000	650	90	45	1,129	IP20	IK07	16	120,000
0045052	2023733	OPTIX SURFACE 1200 2L D/I 4000K C9 WHT DALI EM	32	4,100	128	4,000	600	90	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - Direct/Indirect - High Output - 4000K</b>														
0044986	2023748	OPTIX SURFACE 1200 2L D/I HO 4000K ALU SSA01	37	5,600	151	4,000	250	80	45	1,129	IP20	IK07	16	120,000
0044987	2023754	OPTIX SURFACE 1200 2L D/I HO 4000K WHT SSA01	36	5,600	156	4,000	230	80	45	1,129	IP20	IK07	19	120,000
0045065	2023744	OPTIX SURFACE 1200 2L D/I HO 4000K ALU	36	5,600	156	4,000	250	80	45	1,129	IP20	IK07	16	120,000
0045066	2023750	OPTIX SURFACE 1200 2L D/I HO 4000K WHT	35	5,600	160	4,000	700	80	45	1,129	IP20	IK07	19	120,000
0045067	2023745	OPTIX SURFACE 1200 2L D/I HO 4000K ALU DALI	36	5,600	156	4,000	750	80	45	1,129	IP20	IK07	16	120,000
0045068	2023751	OPTIX SURFACE 1200 2L D/I HO 4000K WHT DALI	35	5,600	160	4,000	700	80	45	1,129	IP20	IK07	19	120,000
0045071	2023749	OPTIX SURFACE 1200 2L D/I HO 4000K ALU SSC	37	5,600	151	4,000	750	80	45	1,129	IP20	IK07	16	120,000
0045072	2023755	OPTIX SURFACE 1200 2L D/I HO 4000K WHT SSC	36	5,600	156	4,000	700	80	45	1,129	IP20	IK07	19	120,000
0045073	2023747	OPTIX SURFACE 1200 2L D/I HO 4000K ALU EM	39	5,600	144	4,000	250	80	45	1,129	IP20	IK07	16	120,000
0045074	2023753	OPTIX SURFACE 1200 2L D/I HO 4000K WHT EM	38	5,600	147	4,000	700	80	45	1,129	IP20	IK07	19	120,000
0045075	2023746	OPTIX SURFACE 1200 2L D/I HO 4000K ALU DALI EM	39	5,600	144	4,000	750	80	45	1,129	IP20	IK07	16	120,000
0045076	2023752	OPTIX SURFACE 1200 2L D/I HO 4000K WHT DALI EM	38	5,600	147	4,000	700	80	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - Tunable White</b>														
0045022	2023764	OPTIX SURFACE 1200 2L TW ALU DALI	30	3,200	107	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045023	2023768	OPTIX SURFACE 1200 2L TW WHT DALI	30	3,600	120	3,000	600	80	45	1,129	IP20	IK07	19	120,000
0045024	2023766	OPTIX SURFACE 1200 2L TW ALU SSC	31	3,200	103	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045025	2023770	OPTIX SURFACE 1200 2L TW WHT SSC	31	3,600	116	3,000	600	80	45	1,129	IP20	IK07	19	120,000
0045026	2023765	OPTIX SURFACE 1200 2L TW ALU DALI EM	33	3,200	97	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045027	2023769	OPTIX SURFACE 1200 2L TW WHT DALI EM	33	3,600	109	3,000	600	80	45	1,129	IP20	IK07	19	120,000
0045028	2023767	OPTIX SURFACE 1200 2L TW ALU SSC EM	34	3,200	94	3,000	600	80	45	1,129	IP20	IK07	16	120,000
0045029	2023771	OPTIX SURFACE 1200 2L TW WHT SSC EM	34	3,600	106	3,000	600	80	45	1,129	IP20	IK07	19	120,000
<b>1200x200 - Direct/Indirect - Tunable White</b>														
0045053	2023756	OPTIX SURFACE 1200 2L D/I TW ALU DALI	31	3,700	119	3,000	200	80	45	1,129	IP20	IK07	16	120,000
0045054	2023760	OPTIX SURFACE 1200 2L D/I TW WHT DALI	31	3,900	126	3,000	200	80	45	1,129	IP20	IK07	19	120,000
0045055	2023758	OPTIX SURFACE 1200 2L D/I TW ALU SSC	32	3,700	116	3,000	200	80	45	1,129	IP20	IK07	16	120,000
0045056	2023762	OPTIX SURFACE 1200 2L D/I TW WHT SSC	32	3,900	122	3,000	200	80	45	1,129	IP20	IK07	19	120,000
0045057	2023757	OPTIX SURFACE 1200 2L D/I TW ALU DALI EM	34	3,700	109	3,000	200	80	45	1,129	IP20	IK07	16	120,000
0045058	2023761	OPTIX SURFACE 1200 2L D/I TW WHT DALI EM	34	3,900	115	3,000	200	80	45	1,129	IP20	IK07	19	120,000

0045059	2023759	OPTIX SURFACE 1200 2L D/I TW ALU SSC EM	35	3,700	106	3,000	200	80	45	1,129	IP20	IK07	16	120,000
0045060	2023763	OPTIX SURFACE 1200 2L D/I TW WHT SSC EM	35	3,900	111	3,000	200	80	45	1,129	IP20	IK07	19	120,000
<b>1500x200 - Direct/Indirect - High Output - 4000K</b>														
0045098	2023772	OPTIX SURFACE 1500 2L D/I HO 4000K ALU DALI	46	7,000	152	4,000	950	80	45	1,410	IP20	IK07	14	120,000
0045099	2023777	OPTIX SURFACE 1500 2L D/I HO 4000K WHT DALI	41	7,000	171	4,000	850	80	45	1,410	IP20	IK07	19	120,000
0045102	2023776	OPTIX SURFACE 1500 2L D/I HO 4000K ALU SSC	47	7,000	149	4,000	950	80	45	1,410	IP20	IK07	14	120,000
0045103	2023781	OPTIX SURFACE 1500 2L D/I HO 4000K WHT SSC	42	7,000	167	4,000	850	80	45	1,410	IP20	IK07	19	120,000
0045104	2023774	OPTIX SURFACE 1500 2L D/I HO 4000K ALU EM	49	7,000	143	4,000	350	80	45	1,410	IP20	IK07	14	120,000
0045105	2023779	OPTIX SURFACE 1500 2L D/I HO 4000K WHT EM	44	7,000	159	4,000	300	80	45	1,410	IP20	IK07	19	120,000
0045106	2023773	OPTIX SURFACE 1500 2L D/I HO 4000K ALU DALI EM	49	7,000	143	4,000	950	80	45	1,410	IP20	IK07	14	120,000
0045107	2023778	OPTIX SURFACE 1500 2L D/I HO 4000K WHT DALI EM	44	7,000	159	4,000	850	80	45	1,410	IP20	IK07	19	120,000
0044988	2023775	OPTIX SURFACE 1500 2L D/I HO 4000K ALU SSA01	47	7,000	149	4,000	350	80	45	1,410	IP20	IK07	14	120,000
0044989	2023780	OPTIX SURFACE 1500 2L D/I HO 4000K WHT SSA01	42	7,000	167	4,000	330	80	45	1,410	IP20	IK07	19	120,000

#### Accessories

Old Code	Code	Description
<b>Mechanical accessories</b>		
0044261	2021712	OPTIX S PLASTIC JOINING KIT
<b>Through wiring accessories</b>		
0044255	2021721	OPTIX LIN ACC THROUGH WIRE 3X1,5MM2
0044256	2021722	OPTIX LIN ACC THROUGH WIRE 4X1,5MM2
0044257	2021723	OPTIX LIN ACC THR WIRE 3X1,5+2X0,5MM2
0044258	2021724	OPTIX LIN ACC THR WIRE 2X0,5+2X0,5MM2
0044265	2021727	OPTIX LIN ACC THR WRE 3X1,5 1500MM
0044266	2021728	OPTIX LIN ACC THR WRE 4X1,5 1500MM
0044267	2021729	OPTIX LIN ACC THR WRE 3X1,5+2X0,5 1500MM
0044268	2021730	OPTIX LIN ACC THR WRE 2X0,5+2X0,5 1500MM
<b>Infill panel</b>		
0045113	2021713	OPTIX S 2L INFILL 600mm
0045114	2021714	OPTIX S 2L INFILL 900mm
0045115	2021715	OPTIX S 2L INFILL 1200mm
0045116	2021716	OPTIX S 2L INFILL 1500mm

## Optix Recessed Asym – Concord Rebranded Generation

### Product information

### Product overview on page 28

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Optix Asymmetric - Recessed - CRI 80 3000K</b>												
2021682	OPTIX R 1200 ASYMMETRIC 3K White	30	3,380	113	3,000	300	80	52	1,196	20	07	70,000
2021683	OPTIX R 1200 ASYMMETRIC 3K DALI White	30	3,380	113	3,000	300	80	52	1,196	20	07	70,000
2021684	OPTIX R 1200 ASYMMETRIC 3K SSC White	31	3,380	109	3,000	300	80	52	1,196	20	07	70,000
<b>CRI 80 4000K</b>												
2021685	OPTIX R 1200 ASYMMETRIC 4K White	30	3,480	116	4,000	300	80	52	1,196	20	07	70,000
2021686	OPTIX R 1200 ASYMMETRIC 4K DALI White	30	3,480	116	4,000	300	80	52	1,196	20	07	70,000
2021687	OPTIX R 1200 ASYMMETRIC 4K SSC White	31	3,480	112	4,000	300	80	52	1,196	20	07	70,000



# Optix Surface Asym – Concord Rebranded Generation

## Product information

Product overview on page 29

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Optix Asymmetric - Surface &amp; Suspended - CRI 80 3000K</b>												
2021676	OPTIX S 1200 ASYMMETRIC 3K White	30	3,380	113	3,000	300	80	50	1,200	IP20	IK07	100000
2021677	OPTIX S 1200 ASYMMETRIC 3K DALI White	30	3,380	113	3,000	300	80	50	1,200	IP20	IK07	100000
2021678	OPTIX S 1200 ASYMMETRIC 3K SSC White	31	3,380	109	3,000	300	80	50	1,200	IP20	IK07	100000
<b>CRI 80 4000K</b>												
2021679	OPTIX S 1200 ASYMMETRIC 4K White	30	3,480	116	4,000	300	80	50	1,200	IP20	IK07	100000
2021680	OPTIX S 1200 ASYMMETRIC 4K DALI White	30	3,480	116	4,000	300	80	50	1,200	IP20	IK07	100000
2021681	OPTIX S 1200 ASYMMETRIC 4K SSC White	31	3,480	112	4,000	300	80	50	1,200	IP20	IK07	100000

### Accessories

Code	Product Description
<b>Mechanical accessories</b>	
2021712	OPTIX S PLASTIC JOINING KIT
5054686	UNIVERSAL SUSPENSION KIT 1.5M
2021713	OPTIX S 2L INFILL 600mm
2021714	OPTIX S 2L INFILL 900mm
2021715	OPTIX S 2L INFILL 1200mm
2021716	OPTIX S 2L INFILL 1500mm
0044100	WALL BRACKETS
<b>Suspension with electrical connections</b>	
5050568	RANA ACC FULL SUSP + POWER 3CORE SET 1W
5050571	RANA ACC FULL SUSP + POWER 5CORE SET 2W
5050574	RANA ACC FULL SUSP + POWER 3CORE SET 1T
5050577	RANA ACC FULL SUSP + POWER 5CORE SET 2T
5050604	RANA ACC CEILING ROSE
<b>Through wiring accessories</b>	
2021721	OPTIX LIN ACC THROUGH WIRE 3X1,5MM2
2021722	OPTIX LIN ACC THROUGH WIRE 4X1,5MM2

# Optix 4cells – Concord Rebranded Generation

## Product information

Product overview on page 30

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Length (mm)	CRI	UGR	IP rating	IK rating	Lifespan L70B50 (hours)	Dimmable
<b>3000K</b>															
0044304	2021690	Optix Recessed 4 Cells 3000K WHT	9	1,059	118	3,000	150	45	310	80	22	IP20	IK07	120,000	No
0044305	2021688	Optix Recessed 4 Cells 3000K ALU	9	962	107	3,000	150	45	310	80	18	IP20	IK07	120,000	No
0044306	2021691	Optix Recessed 4 Cells 3000K WHT DALI	9	1,059	118	3,000	150	45	310	80	22	IP20	IK07	120,000	Yes
0044307	2021689	Optix Recessed 4 Cells 3000K ALU DALI	9	962	107	3,000	150	45	310	80	18	IP20	IK07	120,000	Yes
<b>4000K</b>															
0044300	2021694	Optix Recessed 4 Cells 4000K WHT	9	1,098	122	4,000	150	45	310	80	22	IP20	IK07	120,000	No
0044301	2021692	Optix Recessed 4 Cells 4000K ALU	9	1,010	112	4,000	150	45	310	80	18	IP20	IK07	120,000	No
0044302	2021695	Optix Recessed 4 Cells 4000K WHT DALI	9	1,098	122	4,000	150	45	310	80	22	IP20	IK07	120,000	Yes
0044303	2021693	Optix Recessed 4 Cells 4000K ALU DALI	9	1,010	112	4,000	150	45	310	80	18	IP20	IK07	120,000	Yes

# Optix MPO – Concord Rebranded Generation

## Product information

Product overview on page 31

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>Optix MPO - Direct – Standard Output</b>														
0044083	2021672	OPTIX S 1200 MPO D 4K CC White	23	2,863	124	4,000	225	80	50	1,200	IP20	IK07	19	60,000
0044084	2021673	OPTIX S 1200 MPO D 4K EM White	26	2,863	110	4,000	225	80	50	1,200	IP20	IK07	19	60,000
0044085	2021674	OPTIX S 1200 MPO D 4K DA White	24	2,863	119	4,000	225	80	50	1,200	IP20	IK07	19	60,000
0044086	2021675	OPTIX S 1200 MPO D 4K D+EM White	26	2,863	110	4,000	225	80	50	1,200	IP20	IK07	19	60,000
<b>High Output</b>														
0044075	2021664	OPTIX S 1200 MPO D HO 4K CC White	30	3,550	118	4,000	300	80	50	1,200	IP20	IK07	20	60,000
0044076	2021665	OPTIX S 1200 MPO D HO 4K EM White	33	3,550	107	4,000	300	80	50	1,200	IP20	IK07	20	60,000
0044077	2021666	OPTIX S 1200 MPO D HO 4K DA White	31	3,550	114	4,000	300	80	50	1,200	IP20	IK07	20	60,000
0044078	2021667	OPTIX S 1200 MPO D HO 4K D+EM White	33	3,550	107	4,000	300	80	50	1,200	IP20	IK07	20	60,000
<b>Optix MPO - Direct/Indirect – Standard Output</b>														
0044079	2021668	OPTIX S 1200 MPO D/I 4K CC White	36	4,900	136	4,000	250	80	50	1,200	IP20	IK07	17	60,000
0044080	2021669	OPTIX S 1200 MPO D/I 4K EM White	39	4,900	125	4,000	250	80	50	1,200	IP20	IK07	17	60,000
0044081	2021670	OPTIX S 1200 MPO D/I 4K DA White	37	4,900	132	4,000	250	80	50	1,200	IP20	IK07	17	60,000
0044082	2021671	OPTIX S 1200 MPO D/I 4K D+EM White	39	4,900	125	4,000	250	80	50	1,200	IP20	IK07	17	60,000
<b>High Output</b>														
0044071	2021660	OPTIX S 1200 MPO D/I HO 4K CC White	44	5,770	131	4,000	300	80	50	1,200	IP20	IK07	18	60,000
0044072	2021661	OPTIX S 1200 MPO D/I HO 4K EM White	47	5,770	122	4,000	300	80	50	1,200	IP20	IK07	18	60,000
0044073	2021662	OPTIX S 1200 MPO D/I HO 4K DA White	45	5,770	128	4,000	300	80	50	1,200	IP20	IK07	18	60,000
0044074	2021663	OPTIX S 1200 MPO D/I HO 4K D+EM White	47	5,770	122	4,000	300	80	50	1,200	IP20	IK07	18	60,000
<b>Accessories</b>														
<b>Code</b>		<b>Description</b>												
5054686		UNIVERSAL SUSPENSION KIT 1.5M												

# Optix Linear Recessed – Concord Rebranded Generation

## Product information

Product overview on page 32

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>3000K</b>														
0045501	2023782	OPTIX LINEAR RECESSED 1200 3000K ALU	26	3,200	123	3,000	500	80	90	1,146	IP20	IK07	19	120,000
0045502	2023783	OPTIX LINEAR RECESSED 1200 3000K ALU DALI	26	3,200	123	3,000	250	80	90	1,146	IP20	IK07	19	120,000
<b>4000K</b>														
0044960	2023788	OPTIX LINEAR RECESSED 1200 4000K ALU SSA01	27	3,400	126	4,000	250	80	90	1,178	IP20	IK07	19	120,000
0045503	2023784	OPTIX LINEAR RECESSED 1200 4000K ALU	26	3,400	131	4,000	500	80	90	1,146	IP20	IK07	19	120,000
0045504	2023785	OPTIX LINEAR RECESSED 1200 4000K ALU DALI	26	3,400	131	4,000	250	80	90	1,146	IP20	IK07	19	120,000
0045506	2023789	OPTIX LINEAR RECESSED 1200 4000K ALU SSC	27	3,400	126	4,000	500	80	90	1,146	IP20	IK07	19	120,000
0045507	2023787	OPTIX LINEAR RECESSED 1200 4000K ALU EM	28	3,400	121	4,000	500	80	90	1,169	IP20	IK07	19	120,000
0045508	2023786	OPTIX LINEAR RECESSED 1200 4000K ALU DALI EM	28	3,400	121	4,000	250	80	90	1,169	IP20	IK07	19	120,000
0045510	2023790	OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM	29	3,400	117	4,000	500	80	90	1,169	IP20	IK07	19	120,000
0045511	2023791	OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI	30	3,650	122	4,000	300	90	90	1,146	IP20	IK07	19	120,000
0045512	2023792	OPTIX LINEAR RECESSED 1200 4000K C9 ALU DALI EM	32	3,650	114	4,000	300	90	90	1,169	IP20	IK07	19	120,000



Tunable White														
Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
0045513	2023793	OPTIX LINEAR RECESSED 1200 TW ALU DALI	21	2,200	105	3,000	400	80	90	1,146	IP20	IK07	16	120,000
0045514	2023795	OPTIX LINEAR RECESSED 1200 TW ALU SSC	22	2,200	105	3,000	400	80	90	1,146	IP20	IK07	16	120,000
0045515	2023794	OPTIX LINEAR RECESSED 1200 TW ALU DALI EM	24	2,200	92	3,000	400	80	90	1,169	IP20	IK07	16	120,000
0045516	2023796	OPTIX LINEAR RECESSED 1200 TW ALU SSC EM	25	2,200	88	3,000	400	80	90	1,169	IP20	IK07	16	120,000

#### Accessories

Code	Description
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#### Mechanical Accessories

0044251	2021717	OPTIX LIN R ACC BRACKET 1-20MM X1
0044252	2021718	OPTIX LIN R ACC BRACKET 1-20MM X5
0044253	2021719	OPTIX LIN R ACC BRACKET 21-40MM X1
0044254	2021720	OPTIX LIN R ACC BRACKET 21-40MM X5
0044259	2021725	OPTIX LIN R ACC U JOINER KIT

#### Through Wiring Accessories

0044255	2021721	OPTIX LIN ACC THROUGH WIRE 3X1,5MM2
0044256	2021722	OPTIX LIN ACC THROUGH WIRE 4X1,5MM2
0044257	2021723	OPTIX LIN ACC THR WIRE 3X1,5+2X0,5MM2
0044258	2021724	OPTIX LIN ACC THR WIRE 2X0,5+2X0,5MM2

## Optix Linear Surface – Concord Rebranded Generation

### Product information

### Product overview on page 33

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
Optix 1200 x 90mm surface module – 3000K - CRI80														
0045517	2023797	OPTIX LINEAR SURFACE 1200 3K ALU	27	3,200	119	4,000	500	80	80	1,129	20	7	19	72,000
0045518	2023798	OPTIX LINEAR SURFACE 1200 3K ALU DA	27	3,200	119	4,000	250	80	80	1,129	20	7	19	72,000
4000K - CRI80														
0045519	2023799	OPTIX LINEAR SURFACE 1200 4K ALU	26	3,400	131	4,000	500	80	80	1,129	20	7	19	72,000
0045520	2023800	OPTIX LINEAR SURFACE 1200 4K ALU DA	26	3,400	131	4,000	250	80	80	1,129	20	7	19	72,000
0044962	2023803	OPTIX LINEAR SURFACE 1200 4K ALU SSA01	27	3,400	126	4,000	250	80	80	1,165	20	7	19	72,000
0045522	2023804	OPTIX LINEAR SURFACE 1200 4K ALU SSC	27	3,400	126	4,000	250	80	80	1,129	20	7	19	72,000
0045523	2023802	OPTIX LINEAR SURFACE 1200 4K ALU EM	29	3,400	117	4,000	500	80	80	1,160	20	7	19	72,000
0045524	2023801	OPTIX LINEAR SURFACE 1200 4K ALU DA EM	29	3,400	117	4,000	250	80	80	1,160	20	7	19	72,000
0045526	2023805	OPTIX LINEAR SURFACE 1200 4K ALU SSC EM	30	3,400	113	4,000	250	80	80	1,160	20	7	19	72,000
4000K - CRI90														
0045527	2023806	OPTIX LINEAR SURFACE 1200 4K C9 ALU DA	27	3,100	115	4,000	275	90	80	1,129	20	7	19	72,000
0045528	2023807	OPTIX LINEAR SURFACE 1200 4K C9 ALU DA EM	30	3,100	103	4,000	275	90	80	1,160	20	7	19	72,000
TW - CRI80														
0045529	2023823	OPTIX LINEAR SURFACE 1200 TW ALU DA	21	2,200	105	3,000-6,000	400	80	80	1,129	20	7	16	72,000
0045530	2023825	OPTIX LINEAR SURFACE 1200 TW ALU SSC	22	2,200	100	3,000-6,000	400	80	80	1,129	20	7	16	72,000
0045531	2023824	OPTIX LINEAR SURFACE 1200 TW ALU DA EM	24	2,200	92	3,000-6,000	400	80	80	1,160	20	7	16	72,000
0045532	2023826	OPTIX LINEAR SURFACE 1200 TW ALU SSC EM	25	2,200	88	3,000-6,000	400	80	80	1,160	20	7	16	72,000
Optix 1200 x 90mm suspended module direct / indirect – 3000K - CRI80														
0045533	2023808	OPTIX LINEAR SURFACE 1200 D/I 3K ALU	31	4,200	135	4,000	600	80	80	1,129	20	7	16	72,000
0045534	2023809	OPTIX LINEAR SURFACE 1200 D/I 3K ALU DA	31	4,200	135	4,000	200	80	80	1,129	20	7	16	72,000

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Height (mm)	Length (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
4000K - CRI80														
0045535	2023810	OPTIX LINEAR SURFACE 1200 D/I 4K ALU	31	4,500	145	4,000	600	80	80	1,129	20	7	16	72,000
0045536	2023811	OPTIX LINEAR SURFACE 1200 D/I 4K ALU DA	31	4,500	145	4,000	200	80	80	1,129	20	7	16	72,000
0044964	2023814	OPTIX LINEAR SURFACE 1200 D/I 4K ALU SSA01	32	3,400	141	4,000	200	80	80	1,165	20	7	16	72,000
0045538	2023815	OPTIX LINEAR SURFACE 1200 D/I 4K ALU SSC	32	4,500	141	4,000	200	80	80	1,129	20	7	16	72,000
0045539	2023813	OPTIX LINEAR SURFACE 1200 D/I 4K ALU EM	34	4,500	132	4,000	600	80	80	1,160	20	7	16	72,000
0045540	2023812	OPTIX LINEAR SURFACE 1200 D/I 4K ALU DA EM	34	4,500	132	4,000	200	80	80	1,160	20	7	16	72,000
0045542	2023816	OPTIX LINEAR SURFACE 1200 D/I 4K ALU SSC EM	35	4,500	129	4,000	200	80	80	1,160	20	7	16	72,000

#### 4000K - CRI90

0045543	2023817	OPTIX LINEAR SURFACE 1200 D/I 4K C9 ALU DA	33	4,100	124	4,000	225	90	80	1,129	20	7	16	72,000
0045544	2023818	OPTIX LINEAR SURFACE 1200 D/I 4K C9 ALU DA EM	36	4,100	114	4,000	225	90	80	1,160	20	7	16	72,000

#### TW - CRI80

0045545	2023819	OPTIX LINEAR SURFACE 1200 D/I TW ALU DA	31	3,700	119	3,000-6,000	600	80	80	1,129	20	7	16	72,000
0045546	2023821	OPTIX LINEAR SURFACE 1200 D/I TW ALU SSC	32	3,700	116	3,000-6,000	600	80	80	1,129	20	7	16	72,000
0045547	2023820	OPTIX LINEAR SURFACE 1200 D/I TW ALU DA EM	34	3,700	109	3,000-6,000	600	80	80	1,160	20	7	16	72,000
0045548	2023822	OPTIX LINEAR SURFACE 1200 D/I TW ALU SSC EM	35	3,700	106	3,000-6,000	600	80	80	1,160	20	7	16	72,000

#### Accessories

Code	Description
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0044260	Optix Linear Surface & Suspended Plastic Joining Kit
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## Sylpendant

### Product information

### Product overview on page 36

Code	Description	Total System power consumption (W)	IP rating	IK rating	Electrical Safty Class	Voltage (V)
0043370	SylPendant Black	25	IP20	IK02	Class I	220-240V
0043372	SylPendant Brass	25	IP20	IK02	Class I	220-240V
0043371	SylPendant Copper	25	IP20	IK02	Class I	220-240V
0043369	SylPendant White	25	IP20	IK02	Class I	220-240V

## Sylpendant Vintage

### Product information

### Product overview on page 37

Code	Description	Total System power consumption (W)	IP rating	IK rating	Electrical Safty Class	Voltage (V)
0044401	SYLPENDANT TRIO E27	25	IP20	3	I	220-240V
0044402	SYLPENDANT VINTAGE E27	25	IP20	3	I	220-240V
0044403	SYLPENDANT VINTAGE TRIO E27	25	IP20	3	I	220-240V
0044404	SYLPENDANT VINTAGE LUNA E27	25	IP20	3	I	220-240V
0044405	SYLPENDANT VINTAGE ARC E27	25	IP20	3	I	220-240V
0044406	SYLPENDANT VINTAGE FLARE E27	25	IP20	3	I	220-240V



# START eco Downlight

## Product information

Product overview on page 38

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Recessed – 3000K</b>											
0053910	START eco Downlight 95 640lm 830	8	640	80	3,000	58	Ø115	Ø100	IP20	IK02	30,000
0053911	START eco Downlight 145 950lm 830	12	950	79	3,000	85	Ø165	Ø150	IP20	IK02	30,000
0053912	START eco Downlight 195 1250lm 830	15	1,250	83	3,000	135	Ø215	Ø200	IP20	IK02	30,000
0053913	START eco Downlight 195 2100lm 830	24	2,100	88	3,000	173	Ø215	Ø200	IP20	IK02	30,000
0053924	START eco Downlight 195 Square 1400lm 830	15	1,400	93	3,000	156		215 x 215	IP20	IK02	30,000
<b>Recessed – 4000K</b>											
0053914	START eco Downlight 95 640lm 840	8	640	80	4,000	58	Ø115	Ø100	IP20	IK02	30,000
0053915	START eco Downlight 145 950lm 840	12	950	79	4,000	85	Ø165	Ø150	IP20	IK02	30,000
0053916	START eco Downlight 195 1250lm 840	15	1,250	83	4,000	135	Ø215	Ø200	IP20	IK02	30,000
0053917	START eco Downlight 195 2100lm 840	24	2,100	88	4,000	173	Ø215	Ø200	IP20	IK02	30,000
0053927	START eco Downlight 195 Square 1400lm 840	15	1,400	93	4,000	156		215 x 215	IP20	IK02	30,000
<b>Surface Mounted – 3000K</b>											
0054103	START eco Downlight 165 950lm 830 Surface	12	950	79	3,000	85	Ø165	Ø150	IP20	IK02	30,000
0054104	START eco Downlight 215 1250lm 830 Surface	15	1,250	83	3,000	135	Ø215	Ø200	IP20	IK02	30,000
0054105	START eco Downlight 215 2100lm 830 Surface	24	2,100	88	3,000	173	Ø215	Ø200	IP20	IK02	30,000
0054113	START eco Downlight 215 Square 1400lm 830 Surface	15	1,400	93	3,000	93		215 x 215	IP20	IK02	30,000
<b>Surface Mounted – 4000K</b>											
0054106	START eco Downlight 165 950lm 840 Surface	12	950	79	4,000	85	Ø165	Ø150	IP20	IK02	30,000
0054107	START eco Downlight 215 1250lm 840 Surface	15	1,250	83	4,000	135	Ø215	Ø200	IP20	IK02	30,000
0054108	START eco Downlight 215 2100lm 840 Surface	24	2,100	88	4,000	173	Ø215	Ø200	IP20	IK02	30,000
0054115	START eco Downlight 215 Square 1400lm 840 Surface	15	1,400	93	4,000	93		215 x 215	IP20	IK02	30,000

# START eco Downlight Flat IP44

## Product information

Product overview on page 39

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Recessed – 3000K</b>											
0053937	START eco Downlight Flat 155 IP44 1000lm 830 DIM	12	1,000	83	3,000	300	Ø172	Ø155	IP44/20	IK06	30,000
0053938	START eco Downlight Flat 205 IP44 1550lm 830 DIM	17	1,550	91	3,000	450	Ø224	Ø205	IP44/20	IK06	30,000
0053939	START eco Downlight Flat 206 Square IP44 1650lm 830 DIM	17	1,650	97	3,000	450		205 x 205	IP44/20	IK06	30,000
0053940	START eco Downlight Flat 205 IP44 2200lm 830 DIM	24	2,200	92	3,000	600	Ø224	Ø205	IP44/20	IK06	30,000
<b>Recessed – 4000K</b>											
0053941	START eco Downlight Flat 155 IP44 1100lm 840 DIM	12	1,100	92	4,000	300	Ø172	Ø155	IP44/20	IK06	30,000
0053942	START eco Downlight Flat 205 IP44 1750lm 840 DIM	17	1,750	103	4,000	450	Ø224	Ø205	IP44/20	IK06	30,000
0053943	START eco Downlight Flat 206 Square IP44 1700lm 840 DIM	17	1,700	100	4,000	450		205 x 205	IP44/20	IK06	30,000
0053944	START eco Downlight Flat 205 IP44 2250lm 840 DIM	24	2,250	94	4,000	600	Ø224	Ø205	IP44/20	IK06	30,000

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Surface mounted – 3000K</b>											
0053945	START eco Downlight Flat 172 1100lm 830 DIM Surface	12	1,100	92	3,000	300	Ø172		IP20	IK06	30,000
0053946	START eco Downlight Flat 226 1700lm 830 DIM Surface	17	1,700	100	3,000	450	Ø226		IP20	IK06	30,000
<b>Surface mounted – 4000K</b>											
0053947	START eco Downlight Flat 172 1200lm 840 DIM Surface	12	1,200	100	4,000	300	Ø172		IP20	IK06	30,000
0053948	START eco Downlight Flat 226 1750lm 840 DIM Surface	17	1,750	103	4,000	450	Ø226		IP20	IK06	30,000
<b>Accessories</b>											
<b>Code</b>	<b>Description</b>										
0046600	Emergency Pack Standard 6V-55V										

# START eco Downlight 5in1

## Product information

Product overview on page 40

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Non dimmable</b>											
0053412	START eco Downlight 5IN1 50-125 600lm	6	600	100	3,000-4,000-6500	65	164	50-125	IP20	IK03	30,000
0053413	START eco Downlight 5IN1 50-125 1150lm	11	1150	105	3,000-4,000-6500	130	164	50-125	IP20	IK03	30,000
0053414	START eco Downlight 5in1 55-175 1850lm	18	1850	103	3,000-4,000-6500	190	217	55-175	IP20	IK03	30,000
0053415	START eco Downlight 5in1 55-250 1900lm	18	1900	106	3,000-4,000-6500	190	217	55-175	IP20	IK03	30,000
0053416	START eco Downlight 5in1 55-250 2500lm	23	2500	109	3,000-4,000-6500	260	290	55-250	IP20	IK03	30,000
<b>PIR</b>											
0053394	START eco Downlight 5in1 55-175 600lm PIR	21	2000	95	3,000-4,000-6500	210	217	55-175	IP20	IK03	30,000
<b>Accessories</b>											
<b>Code</b>	<b>Description</b>										
0053434	Brushed Chrome Bezel 165										
0053435	Brushed Chrome Bezel 220										
0053436	Brushed Chrome Bezel 295										
0053437	Black Bezel 165										
0053438	Black Bezel 220										
0053439	Black Bezel 295										

# START Downlight IP44

## Product information

Product overview on page 41

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	v
<b>Recessed - 3000K</b>											
0030379	START Downlight 90 IP44 830lm 830 DIM	8	830	106	3,000	250	Ø109	Ø90	IP44/20	IK07	100,000
0030324	START Downlight 150 IP44 1100lm 830	12	1,100	92	3,000	290	Ø165	Ø150	IP44/20	IK07	100,000
0030326	START Downlight 175 IP44 1425lm 830	15	1,425	95	3,000	390	Ø195	Ø175	IP44/20	IK07	100,000
0030328	START Downlight 205 IP44 1950lm 830	21	1,950	93	3,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030330	START Downlight 225 IP44 2275lm 830	24	2,275	95	3,000	630	Ø240	Ø225	IP44/20	IK07	100,000



Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cut-out (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>4000K</b>											
0030380	START Downlight 90 IP44 880lm 840 DIM	8	880	113	4,000	250	Ø109	Ø90	IP44/20	IK07	100,000
0030325	START Downlight 150 IP44 1175lm 840	12	1,175	98	4,000	290	Ø165	Ø145	IP44/20	IK07	100,000
0030327	START Downlight 175 IP44 1525lm 840	15	1,525	102	4,000	390	Ø195	Ø175	IP44/20	IK07	100,000
0030329	START Downlight 205 IP44 2025lm 840	21	2,025	96	4,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030331	START Downlight 225 IP44 2325lm 840	24	2,325	97	4,000	630	Ø240	Ø225	IP44/20	IK07	100,000
<b>CR190</b>											
0030433	START Downlight 150 IP44 1075lm 940	13	1,075	83	4,000	290	Ø165	Ø150	IP44/20	IK07	100,000
0030435	START Downlight 205 IP44 1750lm 940	20	1,750	88	4,000	600	Ø220	Ø205	IP44/20	IK07	100,000
<b>DALI Dimmable – 3000K</b>											
0030332	START Downlight 150 IP44 DALI 1,150Lm 830	12	1,150	96	3,000	300	Ø165	Ø150	IP44/20	IK07	100,000
0030334	START Downlight 175 IP44 DALI 1400Lm 830	15	1,400	93	3,000	400	Ø195	Ø175	IP44/20	IK07	100,000
0030336	START Downlight 205 IP44 DALI 1950Lm 830	20	1,950	98	3,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030338	START Downlight 225 IP44 DALI 2325Lm 830	23	2,325	101	3,000	650	Ø240	Ø225	IP44/20	IK07	100,000
<b>DALI Dimmable – 4000K</b>											
0030333	START Downlight 150 IP44 DALI 1160Lm 840	12	1,160	97	4,000	300	Ø165	Ø150	IP44/20	IK07	100,000
0030335	START Downlight 175 IP44 DALI 1475Lm 840	15	1,475	98	4,000	400	Ø195	Ø175	IP44/20	IK07	100,000
0030337	START Downlight 205 IP44 DALI 2000Lm 840	20	2,000	100	4,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030339	START Downlight 225 IP44 DALI 2350Lm 840	23	2,350	102	4,000	650	Ø240	Ø225	IP44/20	IK07	100,000
<b>1-10V Dimmable – 3000K</b>											
0030340	START Downlight 150 IP44 1-10V 1,150Lm 830	12	1,150	96	3,000	300	Ø165	Ø150	IP44/20	IK07	100,000
0030342	START Downlight 175 IP44 1-10V 1400Lm 830	15	1,400	100	3,000	380	Ø195	Ø175	IP44/20	IK07	100,000
0030344	START Downlight 205 IP44 1-10V 1950Lm 830	20	1,950	98	3,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030346	START Downlight 225 IP44 1-10V 2325Lm 830	23	2,325	101	3,000	650	Ø240	Ø225	IP44/20	IK07	100,000
<b>1-10V Dimmable – 4000K</b>											
0030341	START Downlight 150 IP44 1-10V 1175Lm 840	12	1,175	98	4,000	300	Ø165	Ø150	IP44/20	IK07	100,000
0030343	START Downlight 175 IP44 1-10V 1425Lm 840	15	1,425	95	4,000	380	Ø195	Ø175	IP44/20	IK07	100,000
0030345	START Downlight 205 IP44 1-10V 1975Lm 840	20	1,975	99	4,000	600	Ø220	Ø205	IP44/20	IK07	100,000
0030347	START Downlight 225 IP44 1-10V 2350Lm 840	23	2,350	102	4,000	650	Ø240	Ø225	IP44/20	IK07	100,000
<b>Sylsmart – 3000K</b>											
0030375	START Downlight 205 IP44 SSC01 1950lm 830	21	1,950	93	3,000	600	Ø220	Ø205	IP44/20	IK07	100,000
<b>Sylsmart – 4000K</b>											
0030376	START Downlight 205 IP44 SSC01 2025lm 840	21	2,025	96	4,000	600	Ø220	Ø205	IP44/20	IK07	100,000
<b>Surface Mounted - 3000K - IP20</b>											
0030444	START Downlight 165 IP20 1100lm 830 Surface	12	1,100	92	3,000	290	Ø165		IP20	IK07	100,000
0030446	START Downlight 220 IP20 1950lm 830 Surface	21	1,950	93	3,000	600	Ø220		IP20	IK07	100,000
<b>Surface Mounted - 4000K - IP20</b>											
0030445	START Downlight 165 IP20 1175lm 840 Surface	12	1,175	98	4,000	290	Ø165		IP20	IK07	100,000
0030447	START Downlight 220 IP20 2025lm 840 Surface	21	2,025	96	4,000	600	Ø220		IP20	IK07	100,000

# Insaver Slim

## Product information

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Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>Recessed – UGR&lt;19 – 3000K</b>												
0030300	Insaver Slim UGR19 IP44 150 1050lm 830	9	1,050	117	3,000	290	164	150	IP44/20	IK07	19	90,000
0030302	Insaver Slim UGR19 IP44 175 1500lm 830	13	1,500	115	3,000	390	193	175	IP44/20	IK07	19	90,000
0030304	Insaver Slim UGR19 IP44 205 2300lm 830	20	2,300	115	3,000	600	220	205	IP44/20	IK07	19	90,000
0030312	Insaver Slim Square UGR19 IP44 150 1025lm 830	9	1,025	114	3,000	290		150	IP44/20	IK07	19	90,000
0030314	Insaver Slim Square UGR19 IP44 200 2250lm 830	20	2,250	113	3,000	600		200	IP44/20	IK07	19	90,000
0030348	Insaver Slim UGR19 IP44 DALI 150 1075lm 830	9	1,075	119	3,000	290	164	150	IP44/20	IK07	19	90,000
0030350	Insaver Slim UGR19 IP44 DALI 175 1525lm 830	13	1,525	117	3,000	390	193	175	IP44/20	IK07	19	90,000
0030352	Insaver Slim UGR19 IP44 DALI 205 2350lm 830	20	2,350	118	3,000	600	220	205	IP44/20	IK07	19	90,000
0030362	Insaver Slim Square UGR19 IP44 DALI 200 2350lm 830	20	2,350	118	3,000	600		200	IP44/20	IK07	19	90,000
0030390	Insaver Slim UGR19 IP44 SSC 205 2350lm 830	20	2,350	118	3,000	600	220	205	IP44/20	IK07	19	90,000
0030320	Insaver Slim UGR19 IP44 175 PIR 1050lm 830	9	1,050	117	3,000	290	195	175	IP44/20	IK07	19	90,000
<b>UGR&lt;19 – 4000K</b>												
0030301	Insaver Slim UGR19 IP44 150 1075lm 840	9	1,075	119	4,000	290	164	150	IP44/20	IK07	19	90,000
0030303	Insaver Slim UGR19 IP44 175 1600lm 840	13	1,600	123	4,000	390	193	175	IP44/20	IK07	19	90,000
0030305	Insaver Slim UGR19 IP44 205 2400lm 840	20	2,400	120	4,000	600	220	205	IP44/20	IK07	19	90,000
0030313	Insaver Slim Square UGR19 IP44 150 1025lm 840	9	1,025	114	4,000	290		150	IP44/20	IK07	19	90,000
0030315	Insaver Slim Square UGR19 IP44 200 2400lm 840	20	2,400	120	4,000	600		200	IP44/20	IK07	19	90,000
0030349	Insaver Slim UGR19 IP44 DALI 150 1150lm 840	9	1,150	128	4,000	290	164	150	IP44/20	IK07	19	90,000
0030351	Insaver Slim UGR19 IP44 DALI 175 1650lm 840	13	1,650	127	4,000	390	193	175	IP44/20	IK07	19	90,000
0030353	Insaver Slim UGR19 IP44 DALI 205 2500lm 840	20	2,500	125	4,000	600	220	205	IP44/20	IK07	19	90,000
0030363	Insaver Slim Square UGR19 IP44 DALI 200 2500lm 840	20	2,500	125	4,000	600		200	IP44/20	IK07	19	90,000
0030391	Insaver Slim UGR19 IP44 SSC 205 2500lm 840	20	2,500	125	4,000	600	220	205	IP44/20	IK07	19	90,000
0030321	Insaver Slim UGR19 IP44 175 PIR 1075lm 840	9	1,075	119	4,000	290	195	175	IP44/20	IK07	19	90,000
<b>High Output – 3000K</b>												
0030306	Insaver Slim IP44 225 2900lm 830	25	2,900	116	3,000	630	240	225	IP44/20	IK07	21	90,000
0030308	Insaver Slim IP44 225 3850lm 830	33	3,850	117	3,000	750	240	225	IP44/20	IK07	21	90,000
0030310	Insaver Slim IP44 225 4700lm 830	40	4,700	118	3,000	750	240	225	IP44/20	IK07	21	90,000
0030358	Insaver Slim IP44 DALI 225 4850lm 830	41	4,850	118	3,000	750	240	225	IP44/20	IK07	21	90,000
<b>High Output – 4000K</b>												
0030307	Insaver Slim IP44 225 3050lm 840	25	3,050	122	4,000	630	240	225	IP44/20	IK07	21	90,000
0030309	Insaver Slim IP44 225 4100lm 840	33	4,100	124	4,000	750	240	225	IP44/20	IK07	21	90,000
0030311	Insaver Slim IP44 225 4950lm 840	40	4,950	124	4,000	750	240	225	IP44/20	IK07	21	90,000
0030359	Insaver Slim IP44 DALI 225 5200lm 840	41	5,200	127	4,000	750	240	225	IP44/20	IK07	21	90,000
<b>Surface Mounted – UGR&lt;19 – 3000K</b>												
0030316	Insaver Slim UGR19 165 1050lm 830 Surface	9	1,050	117	3,000	290	164		IP20	IK07	19	90,000
0030318	Insaver Slim UGR19 220 2300lm 830 Surface	20	2,300	115	3,000	600	220		IP20	IK07	19	90,000
0030317	Insaver Slim UGR19 165 1075lm 840 Surface	9	1,075	119	4,000	290	164		IP20	IK07	19	90,000
0030319	Insaver Slim UGR19 220 2400lm 840 Surface	20	2,400	120	4,000	600	220		IP20	IK07	19	90,000
<b>MultiPower</b>												
0030389	Insaver Slim 225 IP44 Multipower 1060-2230Lm 840	17	2,230	131	4,000	450	240	225	IP44/20	IK07	19	90,000
0030388	Insaver Slim 225 IP44 Multipower 1000-2100Lm 830	17	2,100	124	3,000	450	240	225	IP44/20	IK07	19	90,000
<b>CR190 - 3000K</b>												
0030436	Insaver Slim UGR19 150 IP44 850lm 930	9	850	94	3,000	290	165	150	IP44/20	IK07	19	90,000
0030438	Insaver Slim UGR19 175 IP44 1275lm 930	13	1,275	98	3,000	390	195	175	IP44/20	IK07	19	90,000
0030440	Insaver Slim UGR19 205 IP44 2000lm 930	20	2,000	100	3,000	600	220	205	IP44/20	IK07	19	90,000



Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	UGR	Lifespan L70B50 (hours)
<b>CRI90 - 4000K</b>												
0030437	Insaver Slim UGR19 150 IP44 875lm 940	9	875	97	4,000	290	165	150	IP44/20	IK07	19	90,000
0030439	Insaver Slim UGR19 175 IP44 1300lm 940	13	1,300	100	4,000	390	195	175	IP44/20	IK07	19	90,000
0030441	Insaver Slim UGR19 205 IP44 2050lm 940	20	2,050	103	4,000	600	220	205	IP44/20	IK07	19	90,000
<b>Wide Bezel</b>												
0030442	Insaver Slim UGR19 175 IP44 1050lm 830 wide bezel	9	1,050	117	3,000	290	195	175	IP44/20	IK07	19	90,000
0030443	Insaver Slim UGR19 175 IP44 1075lm 840 wide bezel	9	1,075	119	4,000	290	195	175	IP44/20	IK07	19	90,000

**Insaver Slim – Accessories**

Code	Description
0046600	Emergency Pack Standard 6V-55V
0046601	Emergency Pack DALI 6V-55V
3007950	Recess Box Large (545x300x150)
3007940	Recess Box Small (300x300x150)

## START eco Spot IP44 / IP65

### Product information

### Product overview on page 43

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Non Dimmable IP44</b>												
0005370	START eco Spot 420lm 830 IP44 WHT	5	420	84	3,000	100	38	87	68-74	IP44/20	IK03	30,000
0005371	START eco Spot 480lm 840 IP44 WHT	5	480	96	4,000	100	38	87	87	IP44/20	IK03	30,000
<b>Dimmable IP44</b>												
0005376	START eco Spot 420lm 830 IP44 DIM WHT	6	420	76	3,000	100	38	87	87	IP44/20	IK03	30,000
0005377	START eco Spot 480lm 840 IP44 DIM WHT	6	480	87	4,000	100	38	87	87	IP44/20	IK03	30,000
<b>Non Dimmable IP65</b>												
0005373	START eco Spot 540lm 830 IP65 WHT	7	540	83	3,000	70	100	87	87	IP65/20	IK03	30,000
0005374	START eco Spot 600lm 840 IP65 WHT	7	600	92	4,000	70	100	87	87	IP65/20	IK03	30,000
<b>Dimmable IP65</b>												
0005379	START eco Spot 540lm 830 IP65 DIM WHT	7	540	77	3,000	70	100	87	87	IP65/20	IK03	30,000
0005380	START eco Spot 600lm 840 IP65 DIM WHT	7	600	86	4,000	70	100	87	87	IP65/20	IK03	30,000
<b>Dimmable IP44 3-CCT</b>												
0005387	START ECO SPOT 450lm 3-CCT DIM IP44 WH	6	450	75	3,000-4,000-6500	100	38	87	68-74	IP44/20	IK03	86,000
0005391	START ECO SPOT HO 880lm 3-CCT DIM IP44 WH	9	880	98	3,000-4,000-6500	150	38	105	85-90	IP44/20	IK03	56,000
<b>Dimmable IP65 3CCT</b>												
0005388	START ECO SPOT 630lm 3-CCT DIM IP65 WH	7	630	90	3,000-4,000-6500	127	110	87	68-74	IP65/20	IK03	86,000
0005392	START ECO SPOT HO 950lm 3-CCT DIM IP65 WH	11	950	90	3,000-4,000-6500	165	110	105	85-90	IP65/20	IK03	86,000
0005393	START ECO SPOT LV 630lm 3-CCT DIM IP65 WH	7	630	90	3,000-4,000-6500	300	110	87	68-74	IP65/20	IK03	86,000

## START eco Spot Aluminium

### Product information

### Product overview on page 44

Code	Description	Total System power consumption (W)	Lumen output - White Reflector (lm)	Lumen output - Black Reflector (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>IP44</b>													
0005170	START eco Spot Aluminium 740lm 830 IP44 WHT	9	740	660	82	3,000	165	40	86	68-72	IP44/20	IK03	30,000
0005171	START eco Spot Aluminium 800lm 840 IP44 WHT	9	800	760	89	4,000	165	40	86	68-72	IP44/20	IK03	30,000
0005172	START eco Spot Aluminium 740lm 830 IP44 BRA	9	740	660	82	3,000	165	40	86	68-72	IP44/20	IK03	30,000
0005173	START eco Spot Aluminium 800lm 840 IP44 BRA	9	800	760	89	4,000	165	40	86	68-72	IP44/20	IK03	30,000
<b>IP65</b>													
0005174	START eco Spot Aluminium 740lm 830 IP65 WHT	9	740	82	82	3,000	165	40	86	68-72	IP65/20	IK03	30,000
0005175	START eco Spot Aluminium 800lm 840 IP65 WHT	9	800	89	89	4,000	165	40	86	68-72	IP65/20	IK03	30,000
0005176	START eco Spot Aluminium 660lm 830 IP65 BRA	9	660	73	73	3,000	165	40	86	68-72	IP65/20	IK03	30,000
0005177	START eco Spot Aluminium 760lm 840 IP65 BRA	9	760	84	84	4,000	165	40	86	68-72	IP65/20	IK03	30,000

## START eco Spot Fire

### Product information

### Product overview on page 45

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0059830	START eco Spot Fire IP65 540lm 3CCT WH	5.5	540	98	3,000-4,000-6,500	135	60	87	70-75	IP65/20	IK03	30,000
0059831	START eco Spot Fire IP65 540lm 3CCT WH 3-PK	5.5	540	98	3,000-4,000-6,500	135	60	87	70-75	IP65/20	IK03	30,000
<b>Accessories</b>												
<b>Code Description</b>												
0059835	START eco Spot Fire IP65 Bezel Nickel 3-PK											
0059836	START eco Spot Fire IP65 Bezel Black 3-PK											
0059837	START eco Spot Fire IP65 Bezel Silver 3-PK											

## START eco Spot Kit & Housing

### Product information

### Product overview on page 46

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Beam Angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)	
0005556	Start Spot Kit R 345lm 830 Dim Adj IP20 WHT	5	345	69	3,000	36	Ø95	Ø75-80	IP20	IK03	25,000	
0005557	Start Spot Kit R 345lm 840 Dim Adj IP20 WHT	5	345	69	4,000	36	Ø95	Ø75-80	IP20	IK03	25,000	
0005560	Start Spot Kit R 345lm 830 Dim Adj IP44 WHT	5	345	69	3,000	36	Ø95	Ø75-80	IP44/20	IK03	25,000	
0005561	Start Spot Kit R 345lm 840 Dim Adj IP44 WHT	5	345	69	4,000	36	Ø95	Ø75-80	IP44/20	IK03	25,000	
<b>START Spot Housing</b>												
0005670	Start Spot Housing Round FX IP20 WH							Ø80	Ø67-72	IP20	IK03	
0005671	Start Spot Housing Round FX IP20 BN							Ø80	Ø67-72	IP20	IK03	
0005672	Start Spot Housing Round AD IP20 WH							Ø85	Ø75-78	IP20	IK03	
0005673	Start Spot Housing Round AD IP20 BN							Ø85	Ø75-78	IP20	IK03	
0005675	Start Spot Housing Round AD IP44 OUT WH							Ø95	Ø75-80	IP44/20	IK03	
0005677	Start Spot Housing Round AD IP44 BK							Ø95	Ø75-80	IP44/20	IK03	



# START Spot Scoop

## Product information

Product overview on page 47

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Cutout 115mm</b>												
0060580	START Spot Scoop 1050lm 930 MB WHT	12	1,050	88	3,000	300	32	Ø126	Ø115	IP40/20	IK03	50,000
0060581	START Spot Scoop 1050lm 940 MB WHT	12	1,050	88	4,000	300	32	Ø126	Ø115	IP40/20	IK03	50,000
<b>Cutout 155mm</b>												
0060582	START Spot Scoop 1800lm 930 MB WHT	20	1,800	88	3,000	500	32	Ø167	Ø155	IP40/20	IK03	50,000
0060583	START Spot Scoop 1950lm 940 MB WHT	20	1,950	98	4,000	500	32	Ø167	Ø155	IP40/20	IK03	50,000
0060584	START Spot Scoop 3100lm 930 MB WHT	35	3,100	90	3,000	900	32	Ø167	Ø155	IP40/20	IK03	50,000
0060585	START Spot Scoop 3200lm 940 MB WHT	35	3,200	92	4,000	900	32	Ø167	Ø155	IP40/20	IK03	50,000
<b>Cutout 205mm</b>												
0060586	START Spot Scoop 4200lm 930 MB WHT	48	4,200	85	3,000	1,200	32	Ø220	Ø205	IP40/20	IK03	50,000
0060587	START Spot Scoop 4500lm 940 MB WHT	48	4,500	94	4,000	1,200	32	Ø220	Ø205	IP40/20	IK03	50,000

# START Ludospot 50 / 111

## Product information

Product overview on page 48

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Modules 50</b>											
0005301	Ludospot 50 950lm 930 NB DIM	12	950	80	3,000	250	73	50	IP20	IK03	50,000
0005302	Ludospot 50 990lm 940 NB DIM	12	990	83	4,000	250	73	50	IP20	IK03	50,000
0005303	Ludospot 50 950lm 930 MB DIM	12	950	80	3,000	250	73	50	IP20	IK03	50,000
0005304	Ludospot 50 1000lm 940 MB DIM	12	1,000	83	4,000	250	73	50	IP20	IK03	50,000
0005305	Ludospot 50 920lm 930 WB DIM	12	920	77	3,000	250	73	50	IP20	IK03	50,000
0005306	Ludospot 50 940lm 940 WB DIM	12	940	78	4,000	250	73	50	IP20	IK03	50,000
<b>Modules 111</b>											
0005331	Ludospot 111 2025lm 930 MB	24	2,025	84	3,000	600	43	111	IP20	IK03	50,000
0005332	Ludospot 111 2225lm 940 MB	24	2,225	93	4,000	600	43	111	IP20	IK03	50,000
0005333	Ludospot 111 3500lm 930 MB	38	3,500	92	3,000	950	80	111	IP20	IK03	50,000
0005334	Ludospot 111 3550lm 940 MB	38	3,550	93	4,000	950	80	111	IP20	IK03	50,000
<b>Housing 50 - Round</b>											
0005307	Ludospot 50 Housing Round 90MM FIXED IP44 WHT						26.5	70	IP44/20	IK03	
0005309	Ludospot 50 Housing Round 110MM CARDAN WHT						37.5	90	IP20	IK03	
0005313	Ludospot 50 Housing Round DECO 110MM FIX IP44 WHT						41.5	90	IP44/20	IK03	
0005314	Ludospot 50 Housing Round DECO 110MM TILT WHT						41.5	90	IP20	IK03	
0005316	Ludospot 50 Housing Round 110MM TILT WHT BLK						37.5	90	IP20	IK03	
0005318	Ludospot 50 Housing Round DECO 85MM TILT WHT BLK						61	75	IP20	IK03	
0005320	Ludospot 50 Housing Round WW 95 FIXED IP44 WHT						76	90	IP44/20	IK03	
<b>Housing 111 - Round</b>											
0005335	Ludospot 111 Housing Round 135MM FIX IP44 WHT						27	120	IP44/20	IK03	
0005336	Ludospot 111 Housing Round 145MM TILT WHT						30.5	140	IP20	IK03	
0005337	Ludospot 111 Housing Round 180MM CARDAN WHT						37.5	165	IP20	IK03	
0005342	Ludospot 111 Housing Round 165MM SURFACE WHT						150	165	IP20	IK03	

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Height (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Housing 50 - Square</b>											
0005308	Ludospot 50 Housing Square 90MM FIXED IP44 WHT						26.5	70	IP44/20	IK03	
0005310	Ludospot 50 Housing Square RECT X1 CARDAN WHT						37.5	90	IP20	IK03	
0005311	Ludospot 50 Housing Square RECT X2 CARDAN WHT						42.5	205 x 95	IP20	IK03	
0005312	Ludospot 50 Housing Square RECT X3 CARDAN WHT						42.5	315 x 95	IP20	IK03	
0005315	Ludospot 50 Housing Square DECO 85 TILT WHT						62	75 x 75	IP20	IK03	
0005317	Ludospot 50 Housing Square 110MM TILT WHT BLK						37.5	90	IP20	IK03	
0005319	Ludospot 50 Housing Square DECO 85MM TILT WHT BLK						62	75 x 75	IP20	IK03	
<b>Housing 111 - Square</b>											
0005338	Ludospot 111 Housing Square 180MM CARDAN WHT						37.5	165	IP20	IK03	
0005339	Ludospot 111 Housing Square RECT X1 CARDAN WHT						152	180 x 180	IP20	IK03	
0005340	Ludospot 111 Housing Square RECT X2 CARDAN WHT						152	320 x 180	IP20	IK03	
0005341	Ludospot 111 Housing Square RECT X3 CARDAN WHT						152	475 x 180	IP20	IK03	
<b>Accessories</b>											
<b>Code</b>	<b>Description</b>										
0005321	Ludospot 50 ACCESSORY GRILLE +300MM WIRE										

# Obico

## Product information

Product overview on page 50

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam angle (°)	Diameter (mm)	Cutout (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0005350	OBICO IP65 740lm 2CCT DIM ADJ WHT	8.5	720	84	4,000	185	38	96	78	IP65/20	IK03	82,000
0005352	OBICO IP65 FIRE 740lm 2CCT DIM ADJ WHT	8.5	720	84	4,000	185	38	96	78	IP65/20	IK03	82,000

# START eco Surface IP44

## Product information

Product overview on page 51

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Standard</b>											
0043114	0043425	START ECO SURFACE IP44 520lm 830/840 DUALTONE	6	520	85	3,000 / 4,000	19	Ø180	IP44	IK03	30,000
0043115	0043426	START ECO SURFACE IP44 1025lm 830/840 DUALTONE	12	1025	85	3,000 / 4,000	38	Ø250	IP44	IK03	30,000
0043116	0043427	START ECO SURFACE IP44 1550lm 830/840 DUALTONE	18	1550	85	3,000 / 4,000	57	Ø330	IP44	IK03	30,000
0043117	0043428	START ECO SURFACE IP44 2050lm 830/840 DUALTONE	14	2050	85	3,000 / 4,000	75	Ø360	IP44	IK03	30,000
<b>Dimmable</b>											
	0043433	START ECO SURFACE IP44 1550lm DIM 830/840 DUALTONE	18	1550	90	3,000 / 4,000	131	Ø330	IP44	IK03	30,000
	0043434	START ECO SURFACE IP44 2050lm DIM 830/840 DUALTONE	24	2050	90	3,000 / 4,000	174	Ø360	IP44	IK03	30,000
<b>Microwave</b>											
0043121	0043435	START ECO SURFACE IP44 1550lm MW 830/840 DUALTONE	18	1550	85	3,000 / 4,000	57	Ø330	IP44	IK03	30,000
0043119	0043436	START ECO SURFACE IP44 2050lm MW 830/840 DUALTONE	24	2050	85	3,000 / 4,000	74	Ø360	IP44	IK03	30,000
<b>PIR</b>											
	0043437	START ECO SURFACE IP44 PIR 1400lm 830/840 DUALTONE	18	1400	78	3,000 / 4,000	56	Ø330	IP44	IK03	30,000
	0043438	START ECO SURFACE IP44 PIR 1800lm 830/840 DUALTONE	24	1800	75	3,000 / 4,000	75	Ø360	IP44	IK03	30,000



# START Surface Slim IP54

## Product information

## Product overview on page 52

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Round</b>										
0043510	START SURFACE SLIM IP54 ROUND 1500lm 2CCT D WH	15	1500	100	4,000	195	Ø220	IP54	IK07	30,000
0043511	START SURFACE SLIM IP54 ROUND 1900lm 2CCT D WH	18	1900	106	4,000	225	Ø280	IP54	IK07	30,000
0043512	START SURFACE SLIM IP54 ROUND 2500lm 2CCT D WH	24	2500	104	4,000	285	Ø330	IP54	IK07	30,000
0043513	START SURFACE SLIM IP54 ROUND 4000lm 2CCT D WH	35	4,000	114	4,000	275	Ø400	IP54	IK07	30,000
<b>Square</b>										
0043517	START SURFACE SLIM IP54 SQUARE 1900lm 2CCT D WH	18	1900	106	4,000	225		IP54	IK07	30,000
0043519	START SURFACE SLIM IP54 SQUARE 4000lm 2CCT D WH	35	4,000	114	4,000	275		IP54	IK07	30,000

# START Surface IP66

## Product information

## Product overview on page 53

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Ø300mm</b>										
0049284	START Surface IP66 1050lm 830 IK10 BLK	12	1,050	88	3,000	350	300	IP66	IK10	50,000
0049285	START Surface IP66 1100lm 840 IK10 BLK	12	1,100	92	4,000	350	300	IP66	IK10	50,000
0049286	START Surface IP66 1050lm 830 IK10 WHT	12	1,050	88	3,000	350	300	IP66	IK10	50,000
0049287	START Surface IP66 1100lm 840 IK10 WHT	12	1,100	92	4,000	350	300	IP66	IK10	50,000
<b>Ø300mm Sensor Dim</b>										
0049288	START Surface IP66 1050lm 830 IK10 MW SENS BLK	12	1,050	88	3,000	350	300	IP66	IK10	50,000
0049289	START Surface IP66 1100lm 840 IK10 MW SENS BLK	12	1,100	92	4,000	350	300	IP66	IK10	50,000
0049290	START Surface IP66 1050lm 830 IK10 MW SENS WHT	12	1,050	88	3,000	350	300	IP66	IK10	50,000
0049291	START Surface IP66 1100lm 840 IK10 MW SENS WHT	12	1,100	92	4,000	350	300	IP66	IK10	50,000
<b>Ø350mm</b>										
0049000	START Surface IP66 1450lm 830 IK10 WHT	14.5	1,450	100	3,000	450	350	IP66	IK10	50,000
0049001	START Surface IP66 1500lm 840 IK10 WHT	14.5	1,500	103	4,000	450	350	IP66	IK10	50,000
0049002	START Surface IP66 1450lm 830 IK10 BLK	14.5	1,450	100	3,000	450	350	IP66	IK10	50,000
0049003	START Surface IP66 1500lm 840 IK10 BLK	14.5	1,500	103	4,000	450	350	IP66	IK10	50,000
0049016	START Surface IP66 2400lm 830 IK10 WHT	24	2,400	100	3,000	750	350	IP66	IK10	50,000
0049017	START Surface IP66 2500lm 840 IK10 WHT	24	2,500	104	4,000	750	350	IP66	IK10	50,000
0049018	START Surface IP66 2400lm 830 IK10 BLK	24	2,400	100	3,000	750	350	IP66	IK10	50,000
0049019	START Surface IP66 2500lm 840 IK10 BLK	24	2,500	104	4,000	750	350	IP66	IK10	50,000
<b>Ø350mm Emergency*</b>										
0049008	START Surface IP66 1450lm 830 EM3 IK10 WHT	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049009	START Surface IP66 1500lm 840 EM3 IK10 WHT	14	1,500	107	4,000	350	350	IP66	IK10	50,000
0049010	START Surface IP66 1450lm 830 EM3 IK10 BLK	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049011	START Surface IP66 1500lm 840 EM3 IK10 BLK	14	1,500	107	4,000	350	350	IP66	IK10	50,000
<b>Ø350mm Sensor Dim*</b>										
0049004	START Surface IP66 1450lm 830 MW SENS IK10 WHT	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049005	START Surface IP66 1500lm 840 MW SENS IK10 WHT	14	1,500	107	4,000	350	350	IP66	IK10	50,000
0049006	START Surface IP66 1450lm 830 MW SENS IK10 BLK	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049007	START Surface IP66 1500lm 840 MW SENS IK10 BLK	14	1,500	107	4,000	350	350	IP66	IK10	50,000
0049020	START Surface IP66 2400lm 830 MW SENS IK10 WHT	25	2,400	96	3,000	700	350	IP66	IK10	50,000
0049021	START Surface IP66 2500lm 840 MW SENS IK10 WHT	25	2,500	100	4,000	700	350	IP66	IK10	50,000

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Diameter (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0049022	START Surface IP66 2400lm 830 MW SENS IK10 BLK	25	2,400	96	3,000	700	350	IP66	IK10	50,000
0049023	START Surface IP66 2500lm 840 MW SENS IK10 BLK	25	2,500	100	4,000	700	350	IP66	IK10	50,000
<b>Ø350mm Sensor Dim Emergency*</b>										
0049012	START Surface IP66 1450lm 830 MW SENS EM3 IK10 WHT	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049013	START Surface IP66 1500lm 840 MW SENS EM3 IK10 WHT	14	1,500	107	4,000	350	350	IP66	IK10	50,000
0049014	START Surface IP66 1450lm 830 MW SENS EM3 IK10 BLK	14	1,450	104	3,000	350	350	IP66	IK10	50,000
0049015	START Surface IP66 1500lm 840 MW SENS EM3 IK10 BLK	14	1,500	107	4,000	350	350	IP66	IK10	50,000
<b>Ø350mm DALI*</b>										
0049245	START Surface IP66 1450lm 830 IK10 DA WH	14	1,450	107	3,000	350	350	IP66	IK10	60,000
0049246	START Surface IP66 1500lm 840 IK10 DA WH	14	1,500	111	4,000	350	350	IP66	IK10	60,000
0049247	START Surface IP66 1450lm 830 IK10 DA BLK	14	1,450	107	3,000	350	350	IP66	IK10	60,000
0049248	START Surface IP66 1500lm 840 IK10 DA BLK	14	1,500	111	4,000	350	350	IP66	IK10	60,000
0049253	START Surface IP66 2400lm 830 IK10 DALI WHT	26	2,400	92	3,000	700	350	IP66	IK10	60,000
0049254	START Surface IP66 2500lm 840 IK10 DALI WHT	26	2,500	96	4,000	700	350	IP66	IK10	60,000
0049255	START Surface IP66 2400lm 830 IK10 DALI BLK	26	2,400	92	3,000	700	350	IP66	IK10	60,000
0049256	START Surface IP66 2500lm 840 IK10 DALI BLK	26	2,500	96	4,000	700	350	IP66	IK10	60,000
<b>Ø350mm DALI Emergency*</b>										
0049249	START Surface IP66 1450lm 830 IK10 DA EM3 WHT	14	1,450	107	3,000	350	350	IP66	IK10	60,000
0049250	START Surface IP66 1500lm 840 IK10 DA EM3 WHT	14	1,500	111	4,000	350	350	IP66	IK10	60,000
0049251	START Surface IP66 1450lm 830 IK10 DA EM3 BLK	14	1,450	107	3,000	350	350	IP66	IK10	60,000
0049252	START Surface IP66 1500lm 840 IK10 DA EM3 BLK	14	1,500	111	4,000	350	350	IP66	IK10	60,000

### Accessories

Code	Description
0049342	START Surface IP66 300MM EYELID BLK
0049343	START Surface IP66 300MM EYELID WHT
0049032	START Surface IP66 350MM EYELID WHT
0049033	START Surface IP66 350MM EYELID BLK
0049034	START Surface IP66 350MM GRILLE WHT
0049035	START Surface IP66 350MM GRILLE BLK

# SylMirror

## Product information

## Product overview on page 54

Code	Description	Fixture Colour	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Flute</b>											
0043210	SylMirror LED Flute IP44 NW	Chrome	6	540	90	4,000	25	400	IP44	IK03	25,000
0043235	SylMirror LED Flute IP44 WW	Chrome	6	540	90	3,000	25	400	IP44	IK03	25,000
<b>Slim</b>											
0043213	SylMirror LED Slim IP44 NW	Chrome	8	560	70	4,000	60	400	IP44	IK03	25,000
0043241	SylMirror LED Slim IP44 WW	Chrome	8	560	70	3,000	60	400	IP44	IK03	25,000



# LED Pipe

## Product information

Old Code	Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>High Output - 3000K</b>											
0051041	0051371	LED PIPE L300 HIGH OUTPUT WW	4.5	520	116	3,000	50	300	IP20	IK03	30,000
0051042	0051372	LED PIPE L600 HIGH OUTPUT WW	8	920	115	3,000	100	600	IP20	IK03	30,000
0051043	0051373	LED PIPE L900 HIGH OUTPUT WW	11.5	1,325	115	3,000	100	900	IP20	IK03	30,000
0051044	0051374	LED PIPE L1200 HIGH OUTPUT WW	15	1,725	115	3,000	150	1200	IP20	IK03	30,000
0051045	0051375	LED PIPE L1500 HIGH OUTPUT WW	19	2,175	114	3,000	150	1500	IP20	IK03	30,000
<b>High Output - 4000K</b>											
0051046	0051376	LED PIPE L300 HIGH OUTPUT NW	4.5	560	124	4,000	50	300	IP20	IK03	30,000
0051047	0051377	LED PIPE L600 HIGH OUTPUT NW	8	1,000	125	4,000	100	600	IP20	IK03	30,000
0051048	0051378	LED PIPE L900 HIGH OUTPUT NW	11.5	1,450	126	4,000	100	900	IP20	IK03	30,000
0051049	0051379	LED PIPE L1200 HIGH OUTPUT NW	15	1,875	125	4,000	150	1200	IP20	IK03	30,000
0051050	0051380	LED PIPE L1500 HIGH OUTPUT NW	19	2,375	125	4,000	150	1500	IP20	IK03	30,000

### LED Pipe – Accessories

Old Code	Code	Description
0051058	0051387	LED PIPE CONNECTING CABLE 3 PACK
0051059	0051388	LED PIPE UK CABLE ACC
0051060	0051389	LED PIPE EUROPE CABLE ACC
	0051390	LED PIPE Tilttable bracket
	0051391	LED PIPE Non-Tilttable bracket
0049035		START Surface IP66 350MM GRILLE BLK

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# START Track Spot

## Product information

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
<b>Small standard – 3000K – White</b>									
0004859	START Track Spot S 1275lm 930 NB WHT	14	1,284	92	3,000	350	90	12	50,000
0004860	START Track Spot S 1250lm 930 MB WHT	14	1,262	90	3,000	350	90	36	50,000
0004861	START Track Spot S 1250lm 930 WB WHT	14	1,262	90	3,000	350	90	64	50,000
0004862	START Track Spot S 1975lm 930 NB WHT	24	1,987	83	3,000	600	90	12	50,000
0004863	START Track Spot S 1950lm 930 MB WHT	24	1,944	81	3,000	600	90	36	50,000
0004864	START Track Spot S 1925lm 930 WB WHT	24	1,928	80	3,000	600	90	64	50,000
<b>4,000 – White</b>									
0004871	START Track Spot S 1350lm 940 NB WHT	14	1,349	96	4,000	350	90	12	50,000
0004872	START Track Spot S 1350lm 940 MB WHT	14	1,359	97	4,000	350	90	36	50,000
0004873	START Track Spot S 1350lm 940 WB WHT	14	1,352	97	4,000	350	90	64	50,000
0004874	START Track Spot S 2150lm 940 NB WHT	24	2,155	90	4,000	600	90	12	50,000
0004875	START Track Spot S 2150lm 940 MB WHT	24	2,141	89	4,000	600	90	36	50,000
0004876	START Track Spot S 2075lm 940 WB WHT	24	2,087	87	4,000	600	90	64	50,000
<b>3000K – Black</b>									
0004883	START Track Spot S 1275lm 930 NB BLK	14	1,284	92	3,000	350	90	12	50,000
0004884	START Track Spot S 1250lm 930 MB BLK	14	1,262	90	3,000	350	90	36	50,000
0004885	START Track Spot S 1250lm 930 WB BLK	14	1,262	90	3,000	350	90	64	50,000

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
0004886	START Track Spot S 1975lm 930 NB BLK	24	1,987	83	3,000	600	90	12	50,000
0004887	START Track Spot S 1950lm 930 MB BLK	24	1,944	81	3,000	600	90	36	50,000
0004888	START Track Spot S 1925lm 930 WB BLK	24	1,928	80	3,000	600	90	64	50,000
<b>4,000 – Black</b>									
0004895	START Track Spot S 1350lm 940 NB BLK	14	1,349	96	4,000	350	90	12	50,000
0004896	START Track Spot S 1350lm 940 MB BLK	14	1,359	97	4,000	350	90	36	50,000
0004897	START Track Spot S 1350lm 940 WB BLK	14	1,352	97	4,000	350	90	64	50,000
0004898	START Track Spot S 2150lm 940 NB BLK	24	2,155	90	4,000	600	90	12	50,000
0004899	START Track Spot S 2150lm 940 MB BLK	24	2,141	89	4,000	600	90	36	50,000
0004900	START Track Spot S 2075lm 940 WB BLK	24	2,087	87	4,000	600	90	64	50,000
<b>Small DALI – 3000K – White</b>									
0004923	START Track Spot S DALI 1250lm 930 MB WHT	14	1,262	90	3,000	350	90	36	50,000
0004924	START Track Spot S DALI 1250lm 930 WB WHT	14	1,262	90	3,000	350	90	64	50,000
0004925	START Track Spot S DALI 1950lm 930 MB WHT	25	1,944	78	3,000	600	90	36	50,000
0004926	START Track Spot S DALI 1925lm 930 WB WHT	25	1,928	77	3,000	600	90	64	50,000
<b>4,000 – White</b>									
0004931	START Track Spot S DALI 1350lm 940 MB WHT	14	1,359	97	4,000	350	90	36	50,000
0004932	START Track Spot S DALI 1350lm 940 WB WHT	14	1,352	97	4,000	350	90	64	50,000
0004933	START Track Spot S DALI 2150lm 940 MB WHT	25	2,141	86	4,000	600	90	36	50,000
0004934	START Track Spot S DALI 2075lm 940 WB WHT	25	2,087	83	4,000	600	90	64	50,000
<b>3000K – Black</b>									
0004939	START Track Spot S DALI 1250lm 930 MB BLK	14	1,262	90	3,000	350	90	36	50,000
0004940	START Track Spot S DALI 1250lm 930 WB BLK	14	1,262	90	3,000	350	90	64	50,000
0004941	START Track Spot S DALI 1950lm 930 MB BLK	25	1,944	78	3,000	600	90	36	50,000
0004942	START Track Spot S DALI 1925lm 930 WB BLK	25	1,928	77	3,000	600	90	64	50,000
<b>4,000 – Black</b>									
0004947	START Track Spot S DALI 1350lm 940 MB BLK	14	1,359	97	4,000	350	90	36	50,000
0004948	START Track Spot S DALI 1350lm 940 WB BLK	14	1,352	97	4,000	350	90	64	50,000
0004949	START Track Spot S DALI 2150lm 940 MB BLK	25	2,141	86	4,000	600	90	36	50,000
0004950	START Track Spot S DALI 2075lm 940 WB BLK	25	2,087	83	4,000	600	90	64	50,000
<b>Small standard HO – 3000K – White</b>									
0004811	START Track Spot S HO 1550lm 830 NB WHT	14	1,551	111	3,000	350	80	12	50,000
0004812	START Track Spot S HO 1500lm 830 MB WHT	14	1,508	108	3,000	350	80	36	50,000
0004813	START Track Spot S HO 1500lm 830 WB WHT	14	1,498	107	3,000	350	80	64	50,000
0004814	START Track Spot S HO 2350lm 830 NB WHT	24	2,334	97	3,000	600	80	12	50,000
0004815	START Track Spot S HO 2325lm 830 MB WHT	24	2,314	96	3,000	600	80	36	50,000
0004816	START Track Spot S HO 2325lm 830 WB WHT	24	2,318	97	3,000	600	80	64	50,000
<b>4,000 – White</b>									
0004823	START Track Spot S HO 1600lm 840 NB WHT	14	1,608	115	4,000	350	80	12	50,000
0004824	START Track Spot S HO 1600lm 840 MB WHT	14	1,598	114	4,000	350	80	36	50,000
0004825	START Track Spot S HO 1550lm 840 WB WHT	14	1,558	111	4,000	350	80	64	50,000
0004826	START Track Spot S HO 2525lm 840 NB WHT	24	2,529	105	4,000	600	80	12	50,000
0004827	START Track Spot S HO 2475lm 840 MB WHT	24	2,487	104	4,000	600	80	36	50,000
0004828	START Track Spot S HO 2475lm 840 WB WHT	24	2,476	103	4,000	600	80	64	50,000
<b>3000K – Black</b>									
0004835	START Track Spot S HO 1550lm 830 NB BLK	14	1,551	111	3,000	350	80	12	50,000
0004836	START Track Spot S HO 1500lm 830 MB BLK	14	1,508	108	3,000	350	80	36	50,000
0004837	START Track Spot S HO 1500lm 830 WB BLK	14	1,498	107	3,000	350	80	64	50,000
0004838	START Track Spot S HO 2350lm 830 NB BLK	24	2,334	97	3,000	600	80	12	50,000

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
0004839	START Track Spot S HO 2325lm 830 MB BLK	24	2,314	96	3,000	600	80	36	50,000
0004840	START Track Spot S HO 2325lm 830 WB BLK	24	2,318	97	3,000	600	80	64	50,000
<b>4,000 – Black</b>									
0004847	START Track Spot S HO 1600lm 840 NB BLK	14	1,608	115	4,000	350	80	12	50,000
0004848	START Track Spot S HO 1600lm 840 MB BLK	14	1,598	114	4,000	350	80	36	50,000
0004849	START Track Spot S HO 1550lm 840 WB BLK	14	1,558	111	4,000	350	80	64	50,000
0004850	START Track Spot S HO 2525lm 840 NB BLK	24	2,529	105	4,000	600	80	12	50,000
0004851	START Track Spot S HO 2475lm 840 MB BLK	24	2,487	104	4,000	600	80	36	50,000
0004852	START Track Spot S HO 2475lm 840 WB BLK	24	2,476	103	4,000	600	80	64	50,000
<b>Large standard – 3000K – White</b>									
0004865	START Track Spot L 3300lm 930 NB WHT	35	3,287	94	3,000	900	90	15	50,000
0004866	START Track Spot L 3300lm 930 MB WHT	35	3,306	94	3,000	900	90	38	50,000
0004867	START Track Spot L 3250lm 930 WB WHT	35	3,260	93	3,000	900	90	52	50,000
0004868	START Track Spot L 4400lm 930 NB WHT	55	4,416	80	3,000	1,400	90	15	50,000
0004869	START Track Spot L 4450lm 930 MB WHT	55	4,448	81	3,000	1,400	90	38	50,000
0004870	START Track Spot L 4400lm 930 WB WHT	55	4,405	80	3,000	1,400	90	52	50,000
<b>4,000 – White</b>									
0004877	START Track Spot L 3600lm 940 NB WHT	35	3,593	103	4,000	900	90	15	50,000
0004878	START Track Spot L 3600lm 940 MB WHT	35	3,616	103	4,000	900	90	38	50,000
0004879	START Track Spot L 3550lm 940 WB WHT	35	3,562	102	4,000	900	90	52	50,000
0004880	START Track Spot L 4950lm 940 NB WHT	55	4,965	90	4,000	1,400	90	15	50,000
0004881	START Track Spot L 4900lm 940 MB WHT	55	4,897	89	4,000	1,400	90	38	50,000
0004882	START Track Spot L 4800lm 940 WB WHT	55	4,824	88	4,000	1,400	90	52	50,000
<b>3000K – Black</b>									
0004889	START Track Spot L 3300lm 930 NB BLK	35	3,287	94	3,000	900	90	15	50,000
0004890	START Track Spot L 3300lm 930 MB BLK	35	3,306	94	3,000	900	90	38	50,000
0004891	START Track Spot L 3250lm 930 WB BLK	35	3,260	93	3,000	900	90	52	50,000
0004892	START Track Spot L 4400lm 930 NB BLK	55	4,416	80	3,000	1,400	90	15	50,000
0004893	START Track Spot L 4450lm 930 MB BLK	55	4,448	81	3,000	1,400	90	38	50,000
0004894	START Track Spot L 4400lm 930 WB BLK	55	4,405	80	3,000	1,400	90	52	50,000
<b>4,000 – Black</b>									
0004901	START Track Spot L 3600lm 940 NB BLK	35	3,593	103	4,000	900	90	15	50,000
0004902	START Track Spot L 3600lm 940 MB BLK	35	3,616	103	4,000	900	90	38	50,000
0004903	START Track Spot L 3550lm 940 WB BLK	35	3,562	102	4,000	900	90	52	50,000
0004904	START Track Spot L 4950lm 940 NB BLK	55	4,965	90	4,000	1,400	90	15	50,000
0004905	START Track Spot L 4900lm 940 MB BLK	55	4,897	89	4,000	1,400	90	38	50,000
0004906	START Track Spot L 4800lm 940 WB BLK	55	4,824	88	4,000	1,400	90	52	50,000
<b>Large DALI – 3000K – White</b>									
0004927	START Track Spot L DALI 3300lm 930 MB WHT	36	3,306	92	3,000	900	90	38	50,000
0004928	START Track Spot L DALI 3250lm 930 WB WHT	36	3,260	91	3,000	900	90	52	50,000
0004929	START Track Spot L DALI 4450lm 930 MB WHT	57	4,448	78	3,000	1,400	90	38	50,000
0004930	START Track Spot L DALI 4400lm 930 WB WHT	57	4,405	77	3,000	1,400	90	52	50,000
<b>4,000 – White</b>									
0004935	START Track Spot L DALI 3600lm 940 MB WHT	36	3,616	100	4,000	900	90	38	50,000
0004936	START Track Spot L DALI 3550lm 940 WB WHT	36	3,562	99	4,000	900	90	52	50,000
0004937	START Track Spot L DALI 4900lm 940 MB WHT	57	4,897	86	4,000	1,400	90	38	50,000
0004938	START Track Spot L DALI 4800lm 940 WB WHT	57	4,824	85	4,000	1,400	90	52	50,000

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
<b>3000K – Black</b>									
0004943	START Track Spot L DALI 3300lm 930 MB BLK	36	3,306	92	3,000	900	90	38	50,000
0004944	START Track Spot L DALI 3250lm 930 WB BLK	36	3,260	91	3,000	900	90	52	50,000
0004945	START Track Spot L DALI 4450lm 930 MB BLK	57	4,448	78	3,000	1,400	90	38	50,000
0004946	START Track Spot L DALI 4400lm 930 WB BLK	57	4,405	77	3,000	1,400	90	52	50,000
<b>4,000 – Black</b>									
0004951	START Track Spot L DALI 3600lm 940 MB BLK	36	3,616	100	4,000	900	90	38	50,000
0004952	START Track Spot L DALI 3550lm 940 WB BLK	36	3,562	99	4,000	900	90	52	50,000
0004953	START Track Spot L DALI 4900lm 940 MB BLK	57	4,897	86	4,000	1,400	90	38	50,000
0004954	START Track Spot L DALI 4800lm 940 WB BLK	57	4,824	85	4,000	1,400	90	52	50,000
<b>Large standard HO – 3000K – White</b>									
0004817	START Track Spot L HO 4000lm 830 NB WHT	35	4,005	114	3,000	900	80	15	50,000
0004818	START Track Spot L HO 4000lm 830 MB WHT	35	4,008	115	3,000	900	80	38	50,000
0004819	START Track Spot L HO 3950lm 830 WB WHT	35	3,943	113	3,000	900	80	52	50,000
0004820	START Track Spot L HO 5400lm 830 NB WHT	55	5,449	99	3,000	1,400	80	15	50,000
0004821	START Track Spot L HO 5400lm 830 MB WHT	55	5,381	98	3,000	1,400	80	38	50,000
0004822	START Track Spot L HO 5300lm 830 WB WHT	55	5,298	96	3,000	1,400	80	52	50,000
<b>4,000 – White</b>									
0004829	START Track Spot L HO 4200lm 840 NB WHT	35	4,174	119	4,000	900	80	15	50,000
0004830	START Track Spot L HO 4000lm 840 MB WHT	35	4,017	115	4,000	900	80	38	50,000
0004831	START Track Spot L HO 4000lm 840 WB WHT	35	4,010	115	4,000	900	80	52	50,000
0004832	START Track Spot L HO 5400lm 840 NB WHT	55	5,426	99	4,000	1,400	80	15	50,000
0004833	START Track Spot L HO 5400lm 840 MB WHT	55	5,378	98	4,000	1,400	80	38	50,000
0004834	START Track Spot L HO 5300lm 840 WB WHT	55	5,320	97	4,000	1,400	80	52	50,000
<b>3000K – Black</b>									
0004841	START Track Spot L HO 4000lm 830 NB BLK	35	4,005	114	3,000	900	80	15	50,000
0004842	START Track Spot L HO 4000lm 830 MB BLK	35	4,008	115	3,000	900	80	38	50,000
0004843	START Track Spot L HO 3950lm 830 WB BLK	35	3,943	113	3,000	900	80	52	50,000
0004844	START Track Spot L HO 5400lm 830 NB BLK	55	5,449	99	3,000	1,400	80	15	50,000
0004845	START Track Spot L HO 5400lm 830 MB BLK	55	5,381	98	3,000	1,400	80	38	50,000
0004846	START Track Spot L HO 5300lm 830 WB BLK	55	5,298	96	3,000	1,400	80	52	50,000
<b>4,000 – Black</b>									
0004853	START Track Spot L HO 4200lm 840 NB BLK	35	4,174	119	4,000	900	80	15	50,000
0004854	START Track Spot L HO 4000lm 840 MB BLK	35	4,017	115	4,000	900	80	38	50,000
0004855	START Track Spot L HO 4000lm 840 WB BLK	35	4,010	115	4,000	900	80	52	50,000
0004856	START Track Spot L HO 5400lm 840 NB BLK	55	5,426	99	4,000	1,400	80	15	50,000
0004857	START Track Spot L HO 5400lm 840 MB BLK	55	5,378	98	4,000	1,400	80	38	50,000
0004858	START Track Spot L HO 5300lm 840 WB BLK	55	5,320	97	4,000	1,400	80	52	50,000



# Lenzo

## Product information

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Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
<b>Lenzo small</b>									
0005522	LENZO S 15W 500lm 930 GLB O/B WHT	15	240/720	48	3,000	350	90	8°-45°	50,000
0005523	LENZO S 15W 500lm 930 GLB O/B BLK	15	200/500	33	3,000	350	90	8°-45°	50,000
0005524	LENZO S 15W 500lm 940 GLB O/B WHT	15	240/720	48	4,000	350	90	8°-45°	50,000
0005525	LENZO S 15W 500lm 940 GLB O/B BLK	15	200/500	33	4,000	350	90	8°-45°	50,000
<b>Lenzo large</b>									
0005526	LENZO L 28W 2000lm 930 GLB O/B WHT	28	1000/2000	70	3,000	750	90	20°-50°	50,000
0005527	LENZO L 28W 2000lm 930 GLB O/B BLK	28	800/1600	56	3,000	750	90	20°-50°	50,000
0005528	LENZO L 28W 2000lm 940 GLB O/B WHT	28	1000/2200	76	4,000	750	90	20°-50°	50,000
0005529	LENZO L 28W 2000lm 940 GLB O/B BLK	28	800/1600	57	4,000	750	90	20°-50°	50,000

# Pixo Mini

## Product information

## Product overview on page 58

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
<b>Track Line*</b>									
0006156	Pixo Mini TRACK 490lm 927 MB White	6.5	490	75	2700	150	90	40	72,000
0006157	Pixo Mini TRACK 490lm 927 MB BLACK	6.5	490	75	2700	150	90	40	72,000
0006158	Pixo Mini TRACK 520lm 930 MB White	6.5	520	80	3,000	150	90	40	72,000
0006159	Pixo Mini TRACK 520lm 930 MB BLACK	6.5	520	80	3,000	150	90	40	72,000
0006160	Pixo Mini TRACK 560lm 940 MB White	6.5	560	86	4,000	150	90	40	72,000
0006161	Pixo Mini TRACK 560lm 940 MB BLACK	6.5	560	86	4,000	150	90	40	72,000
<b>Surface*</b>									
0006162	Pixo Mini SURFACE 490lm 927 MB White	6.5	490	75	2700	150	90	40	72,000
0006163	Pixo Mini SURFACE 490lm 927 MB BLACK	6.5	490	75	2700	150	90	40	72,000
0006164	Pixo Mini SURFACE 520lm 930 MB White	6.5	520	80	3,000	150	90	40	72,000
0006165	Pixo Mini SURFACE 520lm 930 MB BLACK	6.5	520	80	3,000	150	90	40	72,000
0006166	Pixo Mini SURFACE 560lm 940 MB White	6.5	560	86	4,000	150	90	40	72,000
0006167	Pixo Mini SURFACE 560lm 940 MB BLACK	6.5	560	86	4,000	150	90	40	72,000
<b>Recessed</b>									
0006168	Pixo Mini RECESSED 490lm 927 MB White	6.5	490	75	2700	150	90	40	72,000
0006169	Pixo Mini RECESSED 490lm 927 MB BLACK	6.5	490	75	2700	150	90	40	72,000
0006170	Pixo Mini RECESSED 520lm 930 MB White	6.5	520	80	3,000	150	90	40	72,000
0006171	Pixo Mini RECESSED 520lm 930 MB BLACK	6.5	520	80	3,000	150	90	40	72,000
0006172	Pixo Mini RECESSED 560lm 940 MB White	6.5	560	86	4,000	150	90	40	72,000
0006173	Pixo Mini RECESSED 560lm 940 MB BLACK	6.5	560	86	4,000	150	90	40	72,000
<b>Retractable</b>									
0006174	Pixo Mini RETRACTABLE 490lm 927 MB White/White	6.5	490	75	2700	150	90	40	72,000
0006175	Pixo Mini RETRACTABLE 490lm 927 MB BLACK/BLACK	6.5	490	75	2700	150	90	40	72,000
0006176	Pixo Mini RETRACTABLE 490lm 927 MB White/BLACK	6.5	490	75	2700	150	90	40	72,000
0006177	Pixo Mini RETRACTABLE 520lm 930 MB White/White	6.5	520	80	3,000	150	90	40	72,000
0006178	Pixo Mini RETRACTABLE 520lm 930 MB BLACK/BLACK	6.5	520	80	3,000	150	90	40	72,000
0006179	Pixo Mini RETRACTABLE 520lm 930 MB White/BLACK	6.5	520	80	3,000	150	90	40	72,000
0006180	Pixo Mini RETRACTABLE 560lm 940 MB White/White	6.5	560	86	4,000	150	90	40	72,000

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
0006181	Pixo Mini RETRACTABLE 560lm 940 MB BLACK/BLACK	6.5	560	86	4,000	150	90	40	72,000
0006182	Pixo Mini RETRACTABLE 560lm 940 MB White/BLACK	6.5	560	86	4,000	150	90	40	72,000
<b>Pendant*</b>									
0006185	Pixo Mini PENDANT 490lm 927 MB White	6.5	490	75	2700	150	90	40	72,000
0006186	Pixo Mini PENDANT 490lm 927 MB BLACK	6.5	490	75	2700	150	90	40	72,000
0006187	Pixo Mini PENDANT 520lm 930 MB White	6.5	520	80	3,000	150	90	40	72,000
0006188	Pixo Mini PENDANT 520lm 930 MB BLACK	6.5	520	80	3,000	150	90	40	72,000
0006189	Pixo Mini PENDANT 560lm 940 MB White	6.5	560	86	4,000	150	90	40	72,000
0006190	Pixo Mini PENDANT 560lm 940 MB BLACK	6.5	560	86	4,000	150	90	40	72,000

# Pixo

## Product information

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New Code	Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam angle (°)	Lifespan L70B50 (hours)
<b>3000K white</b>										
0005440	0005422	START Track Spot Integral 1350lm 930 MB WB WHT	17	1,350	80	3,000	410	36	90	50,000
0005442	0005424	START Track Spot Integral 2700lm 930 MB WB WHT	32	2,700	85	3,000	800	36	90	50,000
0005444	0005426	START Track Spot Integral 4700lm 930 MB WB WHT	54	4,700	87	3,000	1,400	36	90	50,000
<b>4,000 white</b>										
0005446	0005428	START Track Spot Integral 1500lm 940 MB WB WHT	17	1,500	88	4,000	410	36	90	50,000
0005448	0005430	START Track Spot Integral 3000lm 940 MB WB WHT	32	3,000	94	4,000	800	36	90	50,000
0005450	0005432	START Track Spot Integral 5000lm 940 MB WB WHT	54	5,000	93	4,000	1,400	36	90	50,000
<b>3000K black</b>										
0005441	0005423	START Track Spot Integral 1350lm 930 MB WB BLK	17	1,350	80	3,000	410	36	90	50,000
0005443	0005425	START Track Spot Integral 2700lm 930 MB WB BLK	32	2,700	85	3,000	800	36	90	50,000
0005445	0005427	START Track Spot Integral 4700lm 930 MB WB BLK	54	4,700	87	3,000	1,400	36	90	50,000
<b>4,000 black</b>										
0005447	0005429	START Track Spot Integral 1500lm 940 MB WB BLK	17	1,500	88	4,000	410	36	90	50,000
0005449	0005431	START Track Spot Integral 3000lm 940 MB WB BLK	32	3,000	94	4,000	800	36	90	50,000
0005451	0005433	START Track Spot Integral 5000lm 940 MB WB BLK	54	5,000	93	4,000	1,400	36	90	50,000
Old Code	Code	New generation								
<b>3000K white</b>										
0005422	0005440	Pixo Small 1490lm 930 NB MB WB WHT	17	1490	88	3,000	400	90	24-36-54	72,000
0005424	0005442	Pixo Medium 2800lm 930 NB MB WB WHT	31.5	2800	89	3,000	800	90	24-36-54	72,000
0005426	0005444	Pixo Large 4725lm 930 NB MB WB WHT	52.5	4725	90	3,000	1,350	90	24-36-54	72,000
<b>4,000 white</b>										
0005428	0005446	Pixo Small 1600lm 940 NB MB WB WHT	17	1600	94	4,000	400	90	24-36-54	72,000
0005430	0005448	Pixo Medium 3000lm 940 NB MB WB WHT	31.5	3,000	95	4,000	800	90	24-36-54	72,000
0005432	0005450	Pixo Large 5200lm 940 NB MB WB WHT	52.5	5200	99	4,000	1,350	90	24-36-54	72,000
<b>3000K black</b>										
0005423	0005441	Pixo Small 1490lm 930 NB MB WB BLK	17	1490	88	3,000	400	90	24-36-54	72,000
0005425	0005443	Pixo Medium 2800lm 930 NB MB WB BLK	31.5	2800	89	3,000	800	90	24-36-54	72,000
0005427	0005445	Pixo Large 4725lm 930 NB MB WB BLK	52.5	4725	90	3,000	1,350	90	24-36-54	72,000
<b>4,000 black</b>										
0005429	0005447	Pixo Small 1600lm 940 NB MB WB BLK	17	1560	92	4,000	400	90	24-36-54	72,000
0005431	0005449	Pixo Medium 3000lm 940 NB MB WB BLK	31.5	3,000	95	4,000	800	90	24-36-54	72,000
0005433	0005451	Pixo Large 5200lm 940 NB MB WB BLK	52.5	5200	99	4,000	1,350	90	24-36-54	72,000

## Product information

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Code	Description	Colour	Polarity ridge	Length (mm)	Width (mm)	Height (mm)
<b>Global Trac PRO – SM &amp; Suspended</b>						
XTS4100-2	GLOBAL TRAC PRO 1M BLACK	Black RAL9005	Universal	1,000	31.5	32.5
XTS4100-3	GLOBAL TRAC PRO 1M White	White RAL9010	Universal	1,000	31.5	32.5
XTS4200-2	GLOBAL TRAC PRO 2M BLACK	Black RAL9005	Universal	2,000	31.5	32.5
XTS4200-3	GLOBAL TRAC PRO 2M White	White RAL9010	Universal	2,000	31.5	32.5
XTS4300-2	GLOBAL TRAC PRO 3M BLACK	Black RAL9005	Universal	3,000	31.5	32.5
XTS4300-3	GLOBAL TRAC PRO 3M White	White RAL9010	Universal	3,000	31.5	32.5
XTS4400-2	GLOBAL TRAC PRO 4M BLACK	Black RAL9005	Universal	4,000	31.5	32.5
XTS4400-3	GLOBAL TRAC PRO 4M White	White RAL9010	Universal	4,000	31.5	32.5
<b>Recessed</b>						
XTSF4100-2	GLOBAL TRAC PRO REC 1M BLACK	Black RAL9005	Universal	1,000	31.5	32.5
XTSF4100-3	GLOBAL TRAC PRO REC 1M White	White RAL9010	Universal	1,000	31.5	32.5
XTSF4200-2	GLOBAL TRAC PRO REC 2M BLACK	Black RAL9005	Universal	2,000	31.5	32.5
XTSF4200-3	GLOBAL TRAC PRO REC 2M White	White RAL9010	Universal	2,000	31.5	32.5
XTSF4300-2	GLOBAL TRAC PRO REC 3M BLACK	Black RAL9005	Universal	3,000	31.5	32.5
XTSF4300-3	GLOBAL TRAC PRO REC 3M White	White RAL9010	Universal	3,000	31.5	32.5
XTSF4400-2	GLOBAL TRAC PRO REC 4M BLACK	Black RAL9005	Universal	4,000	31.5	32.5
XTSF4400-3	GLOBAL TRAC PRO REC 4M White	White RAL9010	Universal	4,000	31.5	32.5
<b>End feeds</b>						
XTS11-2	GLOBAL TRAC PRO END FEED-L BLACK	Black RAL9005	Left	105	32	33
XTS11-3	GLOBAL TRAC PRO END FEED-L White	White RAL9010	Left	105	32	33
XTS12-2	GLOBAL TRAC PRO END FEED-R BLACK	Black RAL9005	Right	105	32	33
XTS12-3	GLOBAL TRAC PRO END FEED-R White	White RAL9010	Right	105	32	33
<b>Mid feeds</b>						
XTS14-2	GLOBAL TRAC PRO MID FEED BLACK	Black RAL9005	Universal	170	32	33
XTS14-3	GLOBAL TRAC PRO MID FEED White	White RAL9010	Universal	170	32	33
<b>Connectors</b>						
XTS21-2	GLOBAL TRAC PRO STRAIGHT BLACK	Black RAL9005	Universal	70	20	26
XTS21-3	GLOBAL TRAC PRO STRAIGHT White	White RAL9010	Universal	70	20	26
XTS23-2	GLOBAL TRAC PRO FLEX COR BLACK	Black RAL9005	Universal	248	32	33
XTS23-3	GLOBAL TRAC PRO FLEX COR White	White RAL9010	Universal	248	32	33
XTS24-2	GLOBAL TRAC PRO ADJ COR BLACK	Black RAL9005	Universal	226	32	33
XTS24-3	GLOBAL TRAC PRO ADJ COR White	White RAL9010	Universal	226	32	33
<b>L feeds</b>						
XTS34-2	GLOBAL TRAC PRO L FEED IN BLACK	Black RAL9005	Inside	99	99	33
XTS34-3	GLOBAL TRAC PRO L FEED IN White	White RAL9010	Inside	99	99	33
XTS35-2	GLOBAL TRAC PRO L FEED OUT BLACK	Black RAL9005	Outside	99	99	33
XTS35-3	GLOBAL TRAC PRO L FEED OUT White	White RAL9010	Outside	99	99	33
<b>T feeds</b>						
XTS36-2	GLOBAL TRAC PRO T OUT-R BLACK	Black RAL9005	Outside/Right	166	99	33
XTS36-3	GLOBAL TRAC PRO T OUT-R White	White RAL9010	Outside/Right	166	99	33
XTS37-2	GLOBAL TRAC PRO T IN-L BLACK	Black RAL9005	Inside/Left	166	99	33
XTS37-3	GLOBAL TRAC PRO T IN-L White	White RAL9010	Inside/Left	166	99	33
XTS39-2	GLOBAL TRAC PRO T OUT-L BLACK	Black RAL9005	Ourside/Left	166	99	33
XTS39-3	GLOBAL TRAC PRO T OUT-L White	White RAL9010	Ourside/Left	166	99	33
XTS40-2	GLOBAL TRAC PRO T IN-R BLACK	Black RAL9005	Inside/Right	166	99	33
XTS40-3	GLOBAL TRAC PRO T IN-R White	White RAL9010	Inside/Right	166	99	33

Code	Description	Colour	Polarity ridge	Length (mm)	Width (mm)	Height (mm)
<b>X feeds</b>						
XTS38-2	GLOBAL TRAC PRO X FEED BLACK	Black RAL9005	Universal	166	166	33
XTS38-3	GLOBAL TRAC PRO X FEED White	White RAL9010	Universal	166	166	33
<b>Monopoint base</b>						
GA70-2	GLOBAL TRAC PRO FIX-POINT BLACK	Black RAL9005	Universal	100	100	32
GA70-3	GLOBAL TRAC PRO FIX-POINT White	White RAL9010	Universal	100	100	32
<b>Recessed accessory</b>						
XTSA71-2	GLOBAL TRAC FIX-POINT CONNECTOR RECESSED BOX BLACK	Black RAL9005	-	130	130	60
XTSA71-3	GLOBAL TRAC FIX-POINT CONNECTOR RECESSED BOX White	White RAL9010	-	130	130	60
<b>Feed cover</b>						
XTSF10-2	GLOBAL TRAC PRO COVER XTS11-14 BLACK	Black RAL9005	-	15	25	4
XTSF10-3	GLOBAL TRAC PRO COVER XTS11-14 White	White RAL9010	-	15	25	4
XTSF30-2	GLOBAL TRAC PRO COVER XTS34-40 BLACK	Black RAL9005	-	90	25	4
XTSF30-3	GLOBAL TRAC PRO COVER XTS34-40 White	White RAL9010	-	90	25	4
<b>Global Trac Pulse – SM &amp; Suspended</b>						
XTSC6100-2	GLOBAL TRAC PULSE 1M BLACK	Black RAL9005	Universal	1,000	31.5	32.5
XTSC6100-3	GLOBAL TRAC PULSE 1M White	White RAL9010	Universal	1,000	31.5	32.5
XTSC6200-2	GLOBAL TRAC PULSE 2M BLACK	Black RAL9005	Universal	2,000	31.5	32.5
XTSC6200-3	GLOBAL TRAC PULSE 2M White	White RAL9010	Universal	2,000	31.5	32.5
XTSC6300-2	GLOBAL TRAC PULSE 3M BLACK	Black RAL9005	Universal	3,000	31.5	32.5
XTSC6300-3	GLOBAL TRAC PULSE 3M White	White RAL9010	Universal	3,000	31.5	32.5
XTSC6400-2	GLOBAL TRAC PULSE 4M BLACK	Black RAL9005	Universal	4,000	31.5	32.5
XTSC6400-3	GLOBAL TRAC PULSE 4M White	White RAL9010	Universal	4,000	31.5	32.5
<b>Recessed</b>						
XTSCF6100-2	GLOBAL TRAC PULSE RECESSED 1M BLACK	Black RAL9005	Universal	1,000	31.5	32.5
XTSCF6100-3	GLOBAL TRAC PULSE RECESSED 1M White	White RAL9010	Universal	1,000	31.5	32.5
XTSCF6200-2	GLOBAL TRAC PULSE RECESSED 2M BLACK	Black RAL9005	Universal	2,000	31.5	32.5
XTSCF6200-3	GLOBAL TRAC PULSE RECESSED 2M White	White RAL9010	Universal	2,000	31.5	32.5
XTSCF6300-2	GLOBAL TRAC PULSE RECESSED 3M BLACK	Black RAL9005	Universal	3,000	31.5	32.5
XTSCF6300-3	GLOBAL TRAC PULSE RECESSED 3M White	White RAL9010	Universal	3,000	31.5	32.5
XTSCF6400-2	GLOBAL TRAC PULSE RECESSED 4M BLACK	Black RAL9005	Universal	4,000	31.5	32.5
XTSCF6400-3	GLOBAL TRAC PULSE RECESSED 4M White	White RAL9010	Universal	4,000	31.5	32.5
<b>End feeds</b>						
XTSC611-2	GLOBAL TRAC PULSE END FEED-L BLACK	White RAL9010	Left	105	32	33
XTSC611-3	GLOBAL TRAC PULSE END FEED-L White	White RAL9010	Left	105	32	33
XTSC612-2	GLOBAL TRAC PULSE END FEED-R BLACK	Black RAL9005	Right	105	32	33
XTSC612-3	GLOBAL TRAC PULSE END FEED-R White	White RAL9010	Right	105	32	33
<b>Mid feeds</b>						
XTSC614-2	GLOBAL TRAC PULSE MID FEED BLACK	Black RAL9005	Universal	170	32	33
XTSC614-3	GLOBAL TRAC PULSE MID FEED White	White RAL9010	Universal	170	32	33
<b>Connectors</b>						
XTSC621-2	GLOBAL TRAC PULSE STRAIGHT CONNECTOR BLACK	Black RAL9005	Universal	70	20	26
XTSC621-3	GLOBAL TRAC PULSE STRAIGHT CONNECTOR White	White RAL9010	Universal	70	20	26
XTSC623-2	GLOBAL TRAC PULSE FLEX CORNER CONNECTOR BLACK	Black RAL9005	Universal	248	32	33
XTSC623-3	GLOBAL TRAC PULSE FLEX CORNER CONNECTOR White	White RAL9010	Universal	248	32	33
<b>L feeds</b>						
XTSC634-2	GLOBAL TRAC PULSE L FEED IN BLACK	Black RAL9005	Inside	99	99	33
XTSC634-3	GLOBAL TRAC PULSE L FEED IN White	White RAL9010	Inside	99	99	33



Code	Description	Colour	Polarity ridge	Length (mm)	Width (mm)	Height (mm)
XTSC635-2	GLOBAL TRAC PULSE L FEED OUT BLACK	Black RAL9005	Outside	99	99	33
XTSC635-3	GLOBAL TRAC PULSE L FEED OUT White	White RAL9010	Outside	99	99	33
<b>T feeds</b>						
XTSC636-2	GLOBAL TRAC PULSE T OUT-RIGHT BLACK	Black RAL9005	Outside/Right	166	99	33
XTSC636-3	GLOBAL TRAC PULSE T OUT-RIGHT White	White RAL9010	Outside/Right	166	99	33
XTSC637-2	GLOBAL TRAC PULSE T IN-LEFT BLACK	Black RAL9005	Inside/Left	166	99	33
XTSC637-3	GLOBAL TRAC PULSE T IN-LEFT White	White RAL9010	Inside/Left	166	99	33
XTSC639-2	GLOBAL TRAC PULSE T OUT-LEFT BLACK	Black RAL9005	Outside/Left	166	99	33
XTSC639-3	GLOBAL TRAC PULSE T OUT-LEFT White	White RAL9010	Outside/Left	166	99	33
XTSC640-2	GLOBAL TRAC PULSE T IN-RIGHT BLACK	Black RAL9005	Inside/Right	166	99	33
XTSC640-3	GLOBAL TRAC PULSE T IN-RIGHT White	White RAL9010	Inside/Right	166	99	33
<b>X feeds</b>						
XTSC638-2	GLOBAL TRAC PULSE X FEED BLACK	Black RAL9005	Universal	166	166	33
XTSC638-3	GLOBAL TRAC PULSE X FEED White	White RAL9010	Universal	166	166	33
<b>Feed cover</b>						
XTSF610-2	GLOBAL TRAC PULSE XTSC611-614 COVER PLATE BLACK	Black RAL9005	-	15	25	4
XTSF610-3	GLOBAL TRAC PULSE XTSC611-614 COVER PLATE White	White RAL9010	-	15	25	4
XTSF630-2	GLOBAL TRAC PULSE XTSC634-640 COVER PLATE BLACK	Black RAL9005	-	90	25	4
XTSF630-3	GLOBAL TRAC PULSE XTSC634-640 COVER PLATE White	White RAL9010	-	90	25	4
<b>Clamps</b>						
SKB11R-2	GLOBAL TRAC SNAP ON CLAMP FOR M6 ROD FMAX 150N BLK	Black RAL9005	SPW65-1			
SKB11R-3	GLOBAL TRAC SNAP ON CLAMP FOR M6 ROD FMAX 150N WHT	White RAL9010	SPW65-1			
SKB11T-2	GLOBAL TRAC SNAP ON CLAMP FOR T BAR FMAX 50N BLACK	Black RAL9005				
SKB11T-3	GLOBAL TRAC SNAP ON CLAMP FOR T BAR FMAX 50N White	White RAL9010				
SKB11WL-2	GLOBAL TRAC SNAP ON CLAMP FOR 1.5MM WIRE BLACK	Black RAL9005	SPW65-1			
SKB11WL-3	GLOBAL TRAC SNAP ON CLAMP FOR 1.5MM WIRE White	White RAL9010	SPW65-1			
SKB12-2	GLOBAL TRAC CEIL CLAMP BLACK	Black RAL9005	SPW65-1	30	30	12
SKB12-3	GLOBAL TRAC CEIL CLAMP White	White RAL9010	SPW65-1	30	30	12
SKB12H-2	GLOBAL TRAC CEILING CLAMP 29MM FMAX 200N BLACK	Black RAL9005	SPW65-1	30	30	32
SKB12H-3	GLOBAL TRAC CEILING CLAMP 29MM FMAX 200N White	White RAL9010	SPW65-1	30	30	32
SKB16-2	GLOBAL TRAC SUS CLAMP BLACK	Black RAL9005	SPW65-1 / 2,057484	25	30	39
SKB16-3	GLOBAL TRAC SUS CLAMP White	White RAL9010	SPW65-1 / 2,057484	25	30	39
SKB18-2	GLOBAL TRAC SUPPORT BLACK	Black RAL9005	SPW65-1 / 2,057484	185	30	20
SKB18-3	GLOBAL TRAC SUPPORT White	White RAL9010	SPW65-1 / 2,057484	185	30	20
<b>Suspension wire kit</b>						
SPW65-1	GLOBAL TRAC SUSPENSION WIRE 1.5M FMAX 150N			1,500		
2057484	SUSPENSION KIT 10M			5,000 x 2		
<b>End cap</b>						
XTS41-2	GLOBAL TRAC PRO END CAP BLACK	Black RAL9005		31	32	33
XTS41-3	GLOBAL TRAC PRO END CAP White	White RAL9010		31	32	33
<b>Feeds cover plate</b>						
XTSF40-2	GLOBAL TRAC FEED OUTLET/COVER PLATE BLACK	Black RAL9005		110	110	12
XTSF40-3	GLOBAL TRAC FEED OUTLET/COVER PLATE White	White RAL9010		110	110	12
<b>Cover strip</b>						
XTSP11-2	GLOBAL TRAC COVER STRIP 3M BLACK	Black RAL9005		3,000		
XTSP11-3	GLOBAL TRAC COVER STRIP 3M White	White RAL9010		3,000		

<b>Additional hook</b>						
XTAK11-1	GLOBAL TRAC STEEL HARDWARE HOOK 2MM					
XTAK142-2	GLOBAL TRAC HOOK BASE FOR 2MM WIRE BLACK	Black RAL9005				
XTAK142-3	GLOBAL TRAC HOOK BASE FOR 2 MM WIRE White	White RAL9010				
<b>Wire bend tool</b>						
XTSV12	GLOBAL TRAC WIRE BEND TOOL			135		23

## START Flex

### Product information

### Product overview on page 62

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Voltage (V)	Colour temperature (K)	Number of Leds per 5m	Length (m)	IP rating	Lifespan L70B50 (hours)
<b>Low output IP20</b>										
0068129	START Flex IP20 827 2400lm	22	2,400	108	24V	2,700	300	5	IP20	54,000
0068100	START Flex IP20 830 2500lm	22	2,500	116	24V	3,000	300	5	IP20	54,000
0068101	START Flex IP20 840 2600lm	22	2,600	121	24V	4,000	300	5	IP20	54,000
<b>Low output IP65</b>										
0068130	START Flex IP65 827 2200lm	22	2,200	101	24V	2,700	300	5	IP65	54,000
0068127	START Flex IP65 830 2300lm	22	2,300	108	24V	3,000	300	5	IP65	54,000
0068128	START Flex IP65 840 2400lm	22	2,400	113	24V	4,000	300	5	IP65	54,000
<b>High Output IP20</b>										
0068131	START Flex IP20 827 9500lm	74	9,500	128	24V	2,700	420	5	IP20	54,000
0068114	START Flex IP20 830 10000lm	74	10,000	134	24V	3,000	420	5	IP20	54,000
0068115	START Flex IP20 840 10700lm	74	10,700	144	24V	4,000	420	5	IP20	54,000
<b>High Output IP65</b>										
0068132	START Flex IP65 827 9000lm	74	9,000	121	24V	2,700	420	5	IP65	54,000
0068118	START Flex IP65 830 9350lm	74	9,350	126	24V	3,000	420	5	IP65	54,000
0068119	START Flex IP65 840 10100lm	74	10,100	136	24V	4,000	420	5	IP65	54,000
<b>RGB &amp; RGB+W</b>										
0068125	START eco Flex IP20 RGB 1600lm	52	RGB	31	24V	RGB	600	5	IP20	30,000
0068126	START eco Flex IP67 RGB 1300lm	52	RGB	25	24V	RGB	600	5	IP67	30,000
0068122	START eco Flex IP20 RGBW 3200lm	58	RGBW	55	24V	RGBW	600	5	IP20	30,000
0068124	START eco Flex IP67 RGBW 2600lm	58	RGBW	45	24V	RGBW	600	5	IP67	30,000
<b>Outdoor IP67</b>										
0068135	START eco Flex IP67 827 4100lm	43	4,100	95	24V	2,700	300	5	IP67	30,000
0068106	START eco Flex IP67 830 4300lm	43	4,300	100	24V	3,000	300	5	IP67	30,000
0068107	START eco Flex IP67 840 4550lm	43	4,550	105	24V	4,000	300	5	IP67	30,000

# START Flex Pro

## Product information

## Product overview on page 66

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Voltage (V)	Colour temperature (K)	Number of Leds per 5m	Length (m)	IP rating	Lifespan L70B50 (hours)
<b>Low output</b>										
0068168	Flex Pro IP20 2450lm 930	24	2,450	102	24V	3,000	300	5	IP20	54,000
0068169	Flex Pro IP20 2500lm 940	24	2,500	104	24V	4,000	300	5	IP20	54,000
<b>Medium output</b>										
0068176	Flex Pro IP20 4750lm 930	48	4,750	99	24V	3,000	600	5	IP20	54,000
0068177	Flex Pro IP20 5150lm 940	48	5,150	107	24V	4,000	600	5	IP20	54,000
0068180	Flex Pro IP65 4400lm 930	48	4,400	92	24V	3,000	600	5	IP65	54,000
0068181	Flex Pro IP65 4800lm 940	48	4,800	100	24V	4,000	600	5	IP65	54,000
<b>High Output</b>										
0068184	Flex Pro IP20 9000lm 930	72	9,000	125	24V	3,000	400	5	IP20	54,000
0068185	Flex Pro IP20 9700lm 940	72	9,700	135	24V	4,000	400	5	IP20	54,000
0068188	Flex Pro IP65 8250lm 930	72	8,250	115	24V	3,000	400	5	IP65	54,000
0068189	Flex Pro IP65 8900lm 940	72	8,900	124	24V	4,000	400	5	IP65	54,000

# Driver

## Product information

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Code	Description	Total System power consumption (W)	Mains Voltage (V)	Length (mm)	IP Rating
<b>Standard IP20</b>					
3036292	Lumidriver CV 24VDC 20W	20	24	167	IP20
9014921	CV DRIVER 35W 24V	35	24	142	IP20
9014922	CV DRIVER 60W 24V	60	24	225	IP20
9014923	CV DRIVER 100W 24V	100	24	295	IP20
9014924	CV DRIVER 200W 24V	200	24	325	IP20
<b>Standard IP67</b>					
9014932	CV Driver 35W 24V IP67	35	24	199	IP67
9014933	CV Driver 75W 24V IP67	75	24	164	IP67
9014934	CV Driver 100W 24V IP67	100	24	164	IP67
9014935	CV Driver 200W 24V IP67	200	24	232	IP67
<b>1-10V</b>					
3036237	LUMIDRIVER CV 24VDC 120W 1-10	120	24	240	IP20
<b>DALI</b>					
9014925	CV DRIVER DALI 35W 24V	35	24	195	IP20
9014926	CV DRIVER DALI 60W 24V	60	24	225	IP20
9014927	CV DRIVER DALI 100W 24V	100	24	295	IP20
9014928	CV DRIVER DALI 150W 24V	150	24	325	IP20
<b>SylSmart</b>					
9014913	CV DRIVER SSC 35W 24V	35	24	195	IP20
9014914	CV DRIVER SSC 60W 24V	60	24	225	IP20
9014915	CV DRIVER SSC 100W 24V	100	24	295	IP20
9014916	CV DRIVER SSC 150W 24V	150	24	325	IP20
<b>PWM4 Dimme</b>					
9041535	SylSmart SSC PWM4		24	72	IP20

# START eco Emergency

## Product information

## Product overview on page 78

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Mounting	Duration	Mode of Operation
<b>Start eco Emergency Bulkhead Ip65</b>								
0032004	START eco Emergency Bulkhead Manual Test Maintained/Non Maintained 3h 170lm	3.5	170	49	5,500	Surface	3 hour	Maintained / Non Maintained
<b>Start eco Emergency Exit</b>								
0032000	START eco Emergency Exit Surface Manual Test Maintained 3h	0.5	-	-	-	Surface	3 hour	Maintained
0032001	START eco Emergency Exit Surface Suspended Manual Test Maintained 3h	0.5	-	-	-	Surface Suspended	3 hour	Maintained
<b>Start eco Emergency Spot</b>								
0032002	START eco Emergency Spot Manual Test Non Maintained 3h Open Area	1.3	170	131	6500	Recessed	3 hour	Non Maintained
0032003	START eco Emergency Spot Manual Test Non Maintained 3h Corridor	1.3	170	131	6500	Recessed	3 hour	Non Maintained

# START eco Batten IP65

## Product information

## Product overview on page 81

Old Code	Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Single</b>											
0045150	0045747	START eco Batten 1200 IP65 2600lm 830*	18	2600	144	3,000	240	1280	IP65	IK08	50,000
0045151	0045748	START eco Batten 1200 IP65 2600lm 840	18	2600	144	4,000	240	1280	IP65	IK08	50,000
0045154	0045751	START eco Batten 1500 IP65 3300lm 830*	23	3300	143	3,000	320	1570	IP65	IK08	50,000
0045155	0045752	START eco Batten 1500 IP65 3300lm 840	23	3300	143	4,000	320	1570	IP65	IK08	50,000
<b>Twin</b>											
0045152	0045749	START eco Batten 1200 IP65 5200lm 830*	36	5200	144	3,000	80	1260	IP65	IK08	50,000
0045153	0045750	START eco Batten 1200 IP65 5200lm 840	36	5200	144	4,000	80	1260	IP65	IK08	50,000
0045156	0045753	START eco Batten 1500 IP65 6000lm 830*	42	6000	143	3,000	95	1560	IP65	IK08	50,000
0045157	0045754	START eco Batten 1500 IP65 6000lm 840	42	6000	143	4,000	95	1560	IP65	IK08	50,000

# Wayline – New Generation of START Batten

## Product information

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New Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>4000K</b>											
0048912	0045358	START Batten 1200 3000lm 840	22	3,000	136	4,000	120	1,200	IP20	IK08	50,000
0048913	0045359	START Batten 1200 5800lm 840	45	5,800	129	4,000	210	1,200	IP20	IK08	50,000
0048914	0045360	START Batten 1500 4300lm 840	33	4,300	130	4,000	180	1,500	IP20	IK08	50,000
0048915	0045361	START Batten 1500 8600lm 840	68	8,600	126	4,000	310	1,500	IP20	IK08	50,000
<b>3000K</b>											
0048918	0045364	START Batten 1200 2800lm 830	22	2,800	127	3,000	120	1,200	IP20	IK08	50,000
0048919	0045365	START Batten 1200 5400lm 830	45	5,400	120	3,000	210	1,200	IP20	IK08	50,000
0048920	0045366	START Batten 1500 4100lm 830	33	4,100	124	3,000	180	1,500	IP20	IK08	50,000



NEW Generation											
Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Standard</b>											
	0048910	Wayline 600 1200lm 840	9	1,200	133	4,000	240	672	IP20	IK08	90,000
	0048911	Wayline 600 2900lm 840	21	2,900	138	4,000	550	672	IP20	IK08	90,000
0045358 0045172	0048912	Wayline 1200 3200lm 840	23	3,200	139	4,000	550	1,220	IP20	IK08	90,000
0045359 0045173	0048913	Wayline 1200 5700lm 840	40	5,700	143	4,000	900	1,220	IP20	IK08	90,000
0045360 0045174	0048914	Wayline 1500 5200lm 840	36	5,200	144	4,000	900	1,523	IP20	IK08	90,000
0045361 0045175	0048915	Wayline 1500 8400lm 840	60	8,400	140	4,000	1,400	1,523	IP20	IK08	90,000
	0048916	Wayline 600 1100lm 830	9	1,100	122	3,000	240	672	IP20	IK08	90,000
	0048917	Wayline 600 2600lm 830	21	2,600	124	3,000	550	672	IP20	IK08	90,000
0045364 0045178	0048918	Wayline 1200 2900lm 830	23	2,900	126	3,000	550	1,220	IP20	IK08	90,000
0045365 0045179	0048919	Wayline 1200 5100lm 830	40	5,100	128	3,000	900	1,220	IP20	IK08	90,000
0045366 0045180	0048920	Wayline 1500 4900lm 830	36	4,900	136	3,000	900	1,523	IP20	IK08	90,000
<b>DALI</b>											
	0048924	Wayline 1200 DALI 3100lm 840	23	3,100	135	4,000	550	1,220	IP20	IK08	90,000
	0048925	Wayline 1200 DALI 5500lm 840	40	5,500	138	4,000	900	1,220	IP20	IK08	90,000
	0048926	Wayline 1500 DALI 5200lm 840	37	5,200	141	4,000	900	1,523	IP20	IK08	90,000
	0048927	Wayline 1500 DALI 8300lm 840	60	8,300	138	4,000	1,400	1,523	IP20	IK08	90,000
	0048928	Wayline 1200 3200lm 840 EM	26	3,200	123	4,000	550	1,220	IP20	IK08	90,000
	0048929	Wayline 1200 5700lm 840 EM	44	5,700	130	4,000	900	1,220	IP20	IK08	90,000
	0048930	Wayline 1500 5200lm 840 EM	41	5,200	127	4,000	900	1,523	IP20	IK08	90,000
	0048931	Wayline 1500 8400lm 840 EM	64	8,400	131	4,000	1,400	1,523	IP20	IK08	90,000
<b>Microwave</b>											
	0048932	Wayline 1200 MW 3200lm 840	24	3,200	133	4,000	550	1,220	IP20	IK08	90,000
	0048933	Wayline 1200 MW 5700lm 840	41	5,700	139	4,000	900	1,220	IP20	IK08	90,000
	0048934	Wayline 1500 MW 5200lm 840	37	5,200	141	4,000	900	1,523	IP20	IK08	90,000
	0048935	Wayline 1500 MW 8400lm 840	61	8,400	138	4,000	1,400	1,523	IP20	IK08	90,000
	0048949	Wayline 600 MW 1200lm 840	10	1,200	120	4,000	240	672	IP20	IK08	90,000
<b>Microwave Corridor</b>											
	0048951	Wayline 600 MWCOR 1200lm 840	10	1,200	120	4,000	240	672	IP20	IK08	90,000
	0048940	Wayline 1200 MWCOR 3100lm 840	24	3,100	129	4,000	550	1,220	IP20	IK08	90,000
	0048953	Wayline 1200 MWCOR 5500lm 840	41	5,500	134	4,000	900	1,220	IP20	IK08	90,000
	0048954	Wayline 1500 MWCOR 5200lm 840	38	5,200	137	4,000	900	1,523	IP20	IK08	90,000

#### Accessories

Code	Description
0048941	Wayline Suspension SET
0048942	Wayline Coupling accessory
0048943	Wayline Symmetric reflector 60
0048944	Wayline Asymmetric reflector 60
0048945	Wayline Symmetric reflector 120
0048946	Wayline Asymmetric reflector 120
0048947	Wayline Symmetric reflector 150
0048948	Wayline Asymmetric reflector 150

## LED IP20 Batten

### Product information

Product overview on page 83

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)	
<b>Single</b>											
0045158	LED IP20 Batten L600 Single 4,000	8	920	115	4,000	60	600	IP20	IK02	25,000	
0045159	LED IP20 Batten L1200 Single 4,000	16	1,920	115	4,000	120	1,200	IP20	IK02	25,000	
0045160	LED IP20 Batten L1500 Single 4,000	18	2,400	122	4,000	120	1,500	IP20	IK02	25,000	
0045161	LED IP20 Batten L1800 Single 4,000	24	3,250	121	4,000	55	1,800	IP20	IK02	25,000	
<b>Twin</b>											
0045162	LED IP20 Batten L600 Twin 4,000	16	1,800	113	4,000	120	600	IP20	IK02	25,000	
0045163	LED IP20 Batten L1200 Twin 4,000	30	3,300	110	4,000	240	1,200	IP20	IK02	25,000	
0045164	LED IP20 Batten L1500 Twin 4,000	36	4,100	114	4,000	240	1,500	IP20	IK02	25,000	
0045165	LED IP20 Batten L1800 Twin 4,000	48	5,600	117	4,000	115	1,800	IP20	IK02	25,000	

## RTS

### Product information

Product overview on page 84

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Length (mm)	IP rating	IK rating	Beam angle (°)	Lifespan L70B50 (hours)
0042579	RTS 1500MM 50W 5-WIRE NR White	50W	8000	160	4,000	16	80	1500	IP20	3	30	120,000
0042581	RTS 1500MM 50W 5-WIRE WD White	50W	8000	160	4,000	16	80	1500	IP20	3	90	120,000
0042583	RTS 1500MM 50W 5-WIRE DOUBLE ASYM White	50W	8000	160	4,000	16	80	1500	IP20	3		120,000
0042585	RTS 1500MM 50W 5-WIRE LEFT ASYM White	50W	8000	160	4,000	16	80	1500	IP20	3		120,000
0042587	RTS 1500MM 50W 5-WIRE RIGHT ASYM White	50W	8000	160	4,000	16	80	1500	IP20	3		120,000
0042642	RTS 1500mm 5WIRE END RAIL WH	50W	8000	160		16	80	1500	IP20	3	30	120,000
0042643	RTS 3000mm 5WIRE END RAIL WH	50W	11200	160		16	80	3,000	IP20	3	30	120,000
0042644	RTS 1500mm 8WIRE END RAIL WH	50W	8000	160		16	80	1500	IP20	3	30	120,000
0042645	RTS 3000mm 8WIRE END RAIL WH	50W	11200	160		16	80	3,000	IP20	3	30	120,000
0042646	RTS 1500mm 12WIRE END RAIL WH	50W	8000	160		16	80	1500	IP20	3	30	120,000
0042647	RTS 3000mm 12WIRE END RAIL WH	50W	11200	160		16	80	3,000	IP20	3	30	120,000
0042604	RTS 1.5M 50W 8WIRE NR DALI 12W EM WH	50W/3W	8000/500	160	4,000	16	80	1500	IP20	3	30	120,000
0042605	RTS 1.5M 50W 8WIRE WD DALI 12W EM WH	50W/3W	8000/500	160	4,000	16	80	1500	IP20	3	90	120,000
0042580	RTS 1500MM 70W 5-WIRE NR White	70W	11200	160	4,000	16	80	1500	IP20	3	30	120,000
0042582	RTS 1500MM 70W 5-WIRE WD White	70W	11200	160	4,000	16	80	1500	IP20	3	90	120,000
0042584	RTS 1500MM 70W 5-WIRE DOUBLE ASYM White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042586	RTS 1500MM 70W 5-WIRE LEFT ASYM White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042588	RTS 1500MM 70W 5-WIRE RIGHT ASYM White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042593	RTS 1500MM 70W NR DALI White	70W	11200	160	4,000	16	80	1500	IP20	3	30	120,000
0042594	RTS 1500MM 70W WD DALI White	70W	11200	160	4,000	16	80	1500	IP20	3	90	120,000
0042595	RTS 1500MM 70W DOUBLE ASYM DALI White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042596	RTS 1500MM 70W LEFT ASYM DALI White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042597	RTS 1500MM 70W RIGHT ASYM DALI White	70W	11200	160	4,000	16	80	1500	IP20	3		120,000
0042602	RTS 1.5M 70W 12WIRE NR DALI CB WH	70W/10W	11200/1680	160	4,000	16	80	1500	IP20	3	30	120,000
0042603	RTS 1.5M 70W 12WIRE WD DALI CB WH	70W/70W	11200/11200	160	4,000	16	80	1500	IP20	3	90	120,000
0042575	RTS 1500MM 5-WIRE RAIL White					16		1500	IP20	3		
0042576	RTS LIVE FEED 5 WIRE					16		150	IP20	3		
0042577	RTS LIVE FEED BOX 5 WIRE					16		272.5	IP20	3		
0042578	RTS 3000MM 5-WIRE RAIL White					16		3,000	IP20	3		

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Length (mm)	IP rating	IK rating	Beam angle (°)	Lifespan L70B50 (hours)
0042589	RTS 1500MM 8WIRE RAIL White					16		1500	IP20	3		
0042590	RTS LIVE FEED 8 WIRE					16		150	IP20	3		
0042591	RTS LIVE FEED IN BOX 8 WIRE					16		272.5	IP20	3		
0042592	RTS 3000MM 8-WIRE RAIL White					16		3,000	IP20	3		
0042598	RTS 1500MM 12-WIRE RAIL White					16		1500	IP20	3		
0042599	RTS LIVE FEED 12 WIRE					16		150	IP20	3		
0042600	RTS LIVE FEED IN BOX 12 WIRE					16		272.5	IP20	3		
0042601	RTS 3000MM 12-WIRE RAIL White					16		3,000	IP20	3		
0042607	RTS CORNER NODE RIGHT FEED 5WIRE WH					16			IP20	3		
0042608	RTS CORNER NODE RIGHT FEED 8WIRE WH					16			IP20	3		
0042609	RTS CORNER NODE RIGHT FEED 12WIRE WH					16			IP20	3		
0042610	RTS STEEL SUSPENSION CORD 3M							3,000				
0042611	RTS STEEL SUSPENSION CHAIN 3M							3,000				
0042612	RTS STEEL SUSPENSION ROD 1M							1000				
0042613	RTS STEEL MOUNTING BRACKET											
0042614	RTS BLANK COVER 1500MM LENGTH								IP20	3		
0042615	RTS CORNER NODE LEFT FEED 5WIRE WH					16			IP20	3		
0042616	RTS CORNER NODE LEFT FEED 8 WIRE WH					16			IP20	3		
0042617	RTS CORNER NODE LEFT FEED 12 WIRE WH					16			IP20	3		
0042618	RTS T NODE CONNECTOR 5 WIRES White					16			IP20	3		
0042619	RTS T NODE CONNECTOR 8 WIRES White					16			IP20	3		
0042620	RTS T NODE CONNECTOR 12 WIRES White					16			IP20	3		
0042621	RTS MOULDED END CAP White					16			N/A			
0042622	RTS TRACK RAIL MOD 1.5M WH					16			IP20	3		
0042625	END NODE TERMINAL BOX White					16			IP20	3		
0042628	MW SENSOR MOD 1.5M 8M HEIGHT					16			IP20			
0042629	MW SENSOR MODULE 15M HEIGHT					16			IP20			
0042648	RTS MOULDED END CAP S WH											
0042649	RTS STEEL HOOK & BRACKET											

## Isoline

### Product information

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Length (mm)	IP rating	IK rating	Beam angle (°)	Lifespan L70B50 (hours)
<b>5 Wire</b>												
0042520	ISOLINE 1690MM 4K WD 5C	57	8150	143	4,000	250	80	1690	IP20	IK04	90	60,000
0042522	ISOLINE 1690MM 4K MD UGR 5C	57	8800	154	4,000	250	80	1690	IP20	IK04	60	60,000
0042524	ISOLINE 1690MM 4K DASY 5C	57	8300	146	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042526	ISOLINE 1690MM 4K ASYL 5C	57	8000	140	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042528	ISOLINE 1690MM 4K ASYR 5C	57	8000	140	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042532	ISOLINE 1690MM BLANK UNIT 5C	N/A	N/A	N/A	4,000	N/A	80	1690	IP20	IK04	N/A	60,000
0042533	ISOLINE 3380MM 4K WD 5C	114	16300	143	4,000	250	80	3380	IP20	IK04	90	60,000
0042535	ISOLINE 3380MM 4K MD UGR 5C	114	17550	154	4,000	250	80	3380	IP20	IK04	60	60,000
0042537	ISOLINE 3380MM 4K DASY 5C	114	16500	145	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042539	ISOLINE 3380MM 4K ASYL 5C	114	16000	140	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042541	ISOLINE 3380MM 4K ASYR 5C	114	16000	140	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042546	ISOLINE 3380MM BLANK UNIT 5C	N/A	N/A	N/A	4,000	N/A	80	3380	IP20	IK04	N/A	60,000

### Product overview on page 85

Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Length (mm)	IP rating	IK rating	Beam angle (°)	Lifespan L70B50 (hours)
<b>8 Wire</b>												
0042519	ISOLINE 1690MM BLANK UNIT 8C	N/A	N/A	N/A	4,000	N/A	80	1690	IP20	IK04	N/A	N/A
0042521	ISOLINE 1690MM 4K WD DA 8C	56	8150	146	4,000	250	80	1690	IP20	IK04	90	60,000
0042523	ISOLINE 1690MM 4K MD UGR DA 8C	56	8800	157	4,000	250	80	1690	IP20	IK04	60	60,000
0042525	ISOLINE 1690MM 4K DASY DA 8C	56	8300	148	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042527	ISOLINE 1690MM 4K ASYL DA 8C	56	8000	143	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042529	ISOLINE 1690MM 4K ASYR DA 8C	56	8000	143	4,000	250	80	1690	IP20	IK04	N/A	60,000
0042534	ISOLINE 3380MM 4K WD DA 8C	112	16300	146	4,000	250	80	3380	IP20	IK04	90	60,000
0042536	ISOLINE 3380MM 4K MD UGR DA 8C	112	17550	157	4,000	250	80	3380	IP20	IK04	60	60,000
0042538	ISOLINE 3380MM 4K DASY DA 8C	112	16500	147	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042540	ISOLINE 3380MM 4K ASYL DA 8C	112	16000	143	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042542	ISOLINE 3380MM 4K ASYR DA 8C	112	16000	143	4,000	250	80	3380	IP20	IK04	N/A	60,000
<b>Emergency</b>												
0042530	ISOLINE 1690MM 4K WD E3 8C	60	8150	136	4,000	250	80	1690	IP20	IK04	90	60,000
0042531	ISOLINE 1690MM 4K WD DA 8C E3	59	8150	138	4,000	250	80	1690	IP20	IK04	90	60,000
0042543	ISOLINE 3380MM 4K WD E3 8C	117	16300	139	4,000	250	80	3380	IP20	IK04	90	60,000
0042544	ISOLINE 3380MM 4K MD UGR E3 8C	117	17550	150	4,000	250	80	3380	IP20	IK04	60	60,000
0042545	ISOLINE 3380MM 4K WD DA E3 8C	115	16300	142	4,000	250	80	3380	IP20	IK04	90	60,000
0042554	ISOLINE 3380MM 4K 1.7WD 1.7BLK	57	8150	143	4,000	250	80	3380	IP20	IK04	90	60,000
0042555	ISOLINE 3380MM 4K 1.7WD 1.7BLK DA	56	8150	146	4,000	250	80	3380	IP20	IK04	90	60,000
0042556	ISOLINE 3380MM 4K 1.7 MD UGR 1.7BLK	57	8800	154	4,000	250	80	3380	IP20	IK04	60	60,000
0042557	ISOLINE 3380MM 4K 1.7 MD UGR 1.7BLK DA	56	8800	157	4,000	250	80	3380	IP20	IK04	60	60,000
0042558	ISOLINE 3380MM 4K 1.7DASY 1.7BLK	57	8300	146	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042559	ISOLINE 3380MM 4K 1.7DASY 1.7BLK DA	56	8300	148	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042560	ISOLINE 3380MM 4K 1.7ASY-L 1.7BLK	57	8000	140	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042561	ISOLINE 3380MM 4K 1.7ASY-L 1.7BLK DA	56	8000	143	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042562	ISOLINE 3380MM 4K 1.7ASYR 1.7BLK	57	8000	140	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042563	ISOLINE 3380MM 4K 1.7ASYR 1.7BLK DA	56	8000	143	4,000	250	80	3380	IP20	IK04	N/A	60,000
0042564	ISOLINE 3380MM 4K 1.7WD 1.7BLK E3	60	8150	136	4,000	250	80	3380	IP20	IK04	90	60,000
0042565	ISOLINE 3380MM 4K 1.7WD 1.7BLK DA E3	59	8150	138	4,000	250	80	3380	IP20	IK04	90	60,000

#### Isoline – Accessories

Code	Description
0042547	ISOLINE ACC LIVE FEED PIR
0042548	ISOLINE ACC CENTRE LIVE FEED 5/8C
0042549	ISOLINE ACC LIVE FEED 5/8C
0042550	ISOLINE ACC SUSP KIT 3m STD
0042551	ISOLINE ACC SUSP KIT PGTL HK
0042552	ISOLINE ACC SUSP KIT 3M CBL
0042553	ISOLINE 1690MM ACC DUST COVER



# START Waterproof Slim

## Product information

New Code	Code	Description	Total system power consumption (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temperature (K)	Voltage (V)	Dimmable	Lifespan L70B50 (hours)
0046368	0046030	START Waterproof Slim 600 IP65 2400lm 840	20	2,400	126	4,000	220-240V	No	100,000
0046370	0046031	START Waterproof Slim 1200 IP65 4600lm 840	35	4,550	130	4,000	220-240V	No	100,000
0046372	0046032	START Waterproof Slim 1500 IP65 6200lm 840	50	6,500	130	4,000	220-240V	No	100,000
0046369	0046033	START Waterproof Slim 1200 IP65 2400lm 840	19	2,400	126	4,000	220-240V	No	100,000
0046371	0046034	START Waterproof Slim 1500 IP65 3500lm 840	27	3,650	130	4,000	220-240V	No	100,000

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### New generation

Old Code	Code	Description	Total system power consumption (W)	Luminous Flux (lm)	Efficiency (lm/W)	Colour Temperature (K)	Voltage (V)	Dimmable	Lifespan L70B50 (hours)
0046030	0046368	START Waterproof Slim 600 IP65 2500lm 840	19	2,500	132	4,000	220-240V~	No	100,000
0046033	0046369	START Waterproof Slim 1200 IP65 2500lm 840	19	2,500	132	4,000	220-240V~	No	100,000
0046031	0046370	START Waterproof Slim 1200 IP65 4600lm 840	35	4,600	131	4,000	220-240V~	No	100,000
0046034	0046371	START Waterproof Slim 1500 IP65 3800lm 840	28	3,800	136	4,000	220-240V~	No	100,000
0046032	0046372	START Waterproof Slim 1500 IP65 7200lm 840	53	7,200	136	4,000	220-240V~	No	100,000

### Accessories

Code	Description
0046035	START Waterproof Slim Suspension kit

# START Waterproof Tubular

## Product information

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0047150	START Waterproof Tubular 1200 IP66 4300lm 830 PC	35	4250	121	3,000	250	1195	IP66	IK10	90,000
0047151	START Waterproof Tubular 1500 IP66 6300lm 830 PC	50	6250	125	3,000	250	1495	IP66	IK10	90,000
0047180	START Waterproof Tubular 1200 IP66 5000lm 840 PC	35	5000	143	4,000	250	1195	IP66	IK10	90,000
0047181	START Waterproof Tubular 1500 IP66 7400lm 840 PC	50	7400	148	4,000	250	1495	IP66	IK10	90,000
0047182	START Waterproof Tubular 1200 IP66 4600lm 840 PE*	35	4600	131	4,000	250	1195	IP66	IK08	90,000
0047183	START Waterproof Tubular 1500 IP66 7000lm 840 PE*	50	7000	140	4,000	250	1495	IP66	IK08	90,000

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# START Waterproof Housing

## Product information

Code	Description	Fixture Housing material	Fixture Colour	Diffuser finis	Diffuser Material	Length (mm)	Width (mm)	Height (mm)	Replacement LFL fixtu es
0047922	START Waterproof 1200 Housing 1X	Polycarbonate	Grey	Prismatic	Polycarbonate	1,260	69	78	1x36W
0047923	START Waterproof 1200 Housing 2X	Polycarbonate	Grey	Prismatic	Polycarbonate	1,260	99	78	2x36W
0047924	START Waterproof 1500 Housing 1X	Polycarbonate	Grey	Prismatic	Polycarbonate	1,560	69	78	1x58W
0047925	START Waterproof 1500 Housing 2X	Polycarbonate	Grey	Prismatic	Polycarbonate	1,560	99	78	2x58W

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# Resisto – New Generation of START Waterproof

## Product information

Old Code	Code	Description	Total system power consumption (W)*	Lumen (lm)*	Efficacy (lm/W)*	Colour Temperature (K)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>600mm</b>										
0067941	0010202	Resisto 600 IP65 1400lm 840	11	1,400	130	4,000	665	IP66	IK08	100,000
0067942	0010203	Resisto 600 IP65 2500lm 840	19	2,450	130	4,000	665	IP66	IK08	100,000
0048689	0010206	Resisto 600 HE IP65 1400lm 840	9	1,400	150	4,000	665	IP66	IK08	100,000
0048690	0010207	Resisto 600 HE IP65 2500lm 840	16	2,450	150	4,000	665	IP66	IK08	100,000
0067945	0010204	Resisto 600 IP65 1400lm 865	11	1,400	130	6,500	665	IP66	IK08	100,000
0067946	0010205	Resisto 600 IP65 2500lm 865	19	2,450	130	6,500	665	IP66	IK08	100,000

## Product overview on page 89

Old Code	Code	Description	Total system power consumption (W)*	Lumen (lm)*	Efficacy (lm/W)*	Colour Temperature (K)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>1200mm</b>										
0067947	0010210	Resisto 1200 IP65 2800lm 840	21	2,750	130	4,000	1,278	IP66	IK08	100,000
0067948	0010211	Resisto 1200 IP65 4800lm 840	37	4,800	130	4,000	1,278	IP66	IK08	100,000
0067953	0010218	Resisto 1200 IP65 2800lm 840 EM	24	2,750	115	4,000	1,278	IP66	IK08	100,000
0067954	0010219	Resisto 1200 IP65 4800lm 840 EM	40	4,800	120	4,000	1,278	IP66	IK08	100,000
0067949	0010220	Resisto 1200 IP65 MW 2800lm 840	24	2,750	115	4,000	1,278	IP66	IK08	100,000
0067950	0010221	Resisto 1200 IP65 MW 4800lm 840	40	4,800	120	4,000	1,278	IP66	IK08	100,000
	0010216	Resisto 1200 IP65 2800lm 840 5xTH	21	2,750	130	4,000	1,278	IP66	IK08	100,000
	0010217	Resisto 1200 IP65 4800lm 840 5xTH	37	4,800	130	4,000	1,278	IP66	IK08	100,000
0067967	0010214	Resisto 1200 IP65 2800lm 840 QC	21	2,750	130	4,000	1,278	IP66	IK08	100,000
0067968	0010215	Resisto 1200 IP65 4800lm 840 QC	37	4,800	130	4,000	1,278	IP66	IK08	100,000
0067951	0010224	Resisto 1200 IP65 DALI 2800lm 840	21	2,750	130	4,000	1,278	IP66	IK08	100,000
0067952	0010225	Resisto 1200 IP65 DALI 4800lm 840	37	4,800	130	4,000	1,278	IP66	IK08	100,000
	0010222	Resisto 1200 IP65 MWcor 2800lm 840	24	2,750	115	4,000	1,278	IP66	IK08	100,000
	0010223	Resisto 1200 IP65 MWcor 4800lm 840	40	4,800	120	4,000	1,278	IP66	IK08	100,000
0049130	0010230	Resisto 1200 IP65 2800lm 840 SSA	21	2,750	130	4,000	1,278	IP66	IK08	100,000
0049131	0010231	Resisto 1200 IP65 4800lm 840 SSA	37	4,800	130	4,000	1,278	IP66	IK08	100,000
0068040	0010226	Resisto 1200 IP65 2800lm 840 SSC	21	2,750	130	4,000	1,278	IP66	IK08	100,000
0068041	0010227	Resisto 1200 IP65 4800lm 840 SSC	37	4,800	130	4,000	1,278	IP66	IK08	100,000
0068044	0010228	Resisto 1200 IP65 2800lm 840 SSC S	23	2,750	120	4,000	1,278	IP66	IK08	100,000
0068045	0010229	Resisto 1200 IP65 4800lm 840 SSC S	39	4,800	123	4,000	1,278	IP66	IK08	100,000
0048693	0010232	Resisto 1200 HE IP65 2800lm 840	18	2,750	150	4,000	1,278	IP66	IK08	100,000
0048694	0010233	Resisto 1200 HE IP65 4800lm 840	32	4,800	150	4,000	1,278	IP66	IK08	100,000
0048703	0010234	Resisto 1200 HE IP65 2800lm 840 EM	21	2,750	131	4,000	1,278	IP66	IK08	100,000
0048704	0010235	Resisto 1200 HE IP65 4800lm 840 EM	35	4,800	137	4,000	1,278	IP66	IK08	100,000
0048697	0010236	Resisto 1200 HE IP65 DALI 2800lm 840	18	2,750	150	4,000	1,278	IP66	IK08	100,000
0048698	0010237	Resisto 1200 HE IP65 DALI 4800lm 840	32	4,800	150	4,000	1,278	IP66	IK08	100,000
	0010238	Resisto HE 1200 IP65 2800lm 840 SSE	18	2,750	150	4,000	1,278	IP66	IK08	100,000
	0010239	Resisto HE 1200 IP65 4800lm 840 SSE	32	4,800	150	4,000	1,278	IP66	IK08	100,000
0067963	0010212	Resisto 1200 IP65 2800lm 865	21	2,750	130	6,500	1,278	IP66	IK08	100,000
0067964	0010213	Resisto 1200 IP65 4800lm 865	37	4,800	130	6,500	1,278	IP66	IK08	100,000
	0010208	Resisto 1200 IP65 2800lm 830	21	2,750	130	3,000	1,278	IP66	IK08	100,000
	0010209	Resisto 1200 IP65 4800lm 830	37	4,800	130	3,000	1,278	IP66	IK08	100,000

### 1500mm

0067955	0010243	Resisto 1500 IP65 4000lm 840	30	3,950	130	4,000	1,578	IP66	IK08	100,000
0067956	0010244	Resisto 1500 IP65 7100lm 840	54	7,050	130	4,000	1,578	IP66	IK08	100,000
0067961	0010253	Resisto 1500 IP65 4000lm 840 EM	33	3,950	120	4,000	1,578	IP66	IK08	100,000
0067962	0010254	Resisto 1500 IP65 7100lm 840 EM	57	7,050	124	4,000	1,578	IP66	IK08	100,000
0067957	0010255	Resisto 1500 IP65 MW 4000lm 840	33	3,950	120	4,000	1,578	IP66	IK08	100,000

Old Code	Code	Description	Total system power consumption (W)*	Lumen (lm)*	Efficacy (lm/W)*	Colour Temperature (K)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0067958	0010256	Resisto 1500 IP65 MW 7100lm 840	57	7,050	124	4,000	1,578	IP66	IK08	100,000
	0010251	Resisto 1500 IP65 4000lm 840 5xTH	30	3,950	130	4,000	1,578	IP66	IK08	100,000
	0010252	Resisto 1500 IP65 7100lm 840 5xTH	54	7,050	130	4,000	1,578	IP66	IK08	100,000
0067973	0010249	Resisto 1500 IP65 4000lm 840 QC	30	3,950	130	4,000	1,578	IP66	IK08	100,000
0067974	0010250	Resisto 1500 IP65 7100lm 840 QC	54	7,050	130	4,000	1,578	IP66	IK08	100,000
0067959	0010259	Resisto 1500 IP65 DALI 4000lm 840	30	3,950	130	4,000	1,578	IP66	IK08	100,000
0067960	0010260	Resisto 1500 IP65 DALI 7100lm 840	54	7,050	130	4,000	1,578	IP66	IK08	100,000
	0010257	Resisto 1500 IP65 MWcor 4000lm 840	33	3,950	120	4,000	1,578	IP66	IK08	100,000
	0010258	Resisto 1500 IP65 MWcor 7100lm 840	57	7,050	124	4,000	1,578	IP66	IK08	100,000
0049132	0010266	Resisto 1500 IP65 4000lm 840 SSA	30	3,950	130	4,000	1,578	IP66	IK08	100,000
0049133	0010267	Resisto 1500 IP65 7100lm 840 SSA	54	7,050	130	4,000	1,578	IP66	IK08	100,000
0068042	0010262	Resisto 1500 IP65 4000lm 840 SSC	30	3,950	130	4,000	1,578	IP66	IK08	100,000
0068043	0010263	Resisto 1500 IP65 7100lm 840 SSC	54	7,050	130	4,000	1,578	IP66	IK08	100,000
0068046	0010264	Resisto 1500 IP65 4000lm 840 SSC S	32	3,950	123	4,000	1,578	IP66	IK08	100,000
0068047	0010265	Resisto 1500 IP65 7100lm 840 SSC S	56	7,050	126	4,000	1,578	IP66	IK08	100,000
0048712	0010268	Resisto 1500 HE IP65 4000lm 840	26	3,950	150	4,000	1,578	IP66	IK08	100,000
0048713	0010269	Resisto 1500 HE IP65 7100lm 840	47	7,050	150	4,000	1,578	IP66	IK08	100,000
0048722	0010271	Resisto HE 1500 IP65 4000lm 840 EM	29	3,950	136	4,000	1,578	IP66	IK08	100,000
0048723	0010272	Resisto HE 1500 IP65 7100lm 840 EM	50	7,050	141	4,000	1,578	IP66	IK08	100,000
0048716	0010273	Resisto HE 1500 IP65 DALI 4000lm 840	26	3,950	150	4,000	1,578	IP66	IK08	100,000
0048717	0010274	Resisto HE 1500 IP65 DALI 7100lm 840	47	7,050	150	4,000	1,578	IP66	IK08	100,000
	0010276	Resisto HE 1500 IP65 4000lm 840 SSE	26	3,950	150	4,000	1,578	IP66	IK08	100,000
	0010277	Resisto HE 1500 IP65 7100lm 840 SSE	47	7,050	150	4,000	1,578	IP66	IK08	100,000
0067965	0010246	Resisto 1500 IP65 4000lm 865	30	3,950	130	6,500	1,578	IP66	IK08	100,000
0067966	0010247	Resisto 1500 IP65 7100lm 865	54	7,050	130	6,500	1,578	IP66	IK08	100,000
	0010240	Resisto 1500 IP65 4000lm 830	30	3,950	130	3,000	1,578	IP66	IK08	100,000
	0010241	Resisto 1500 IP65 7100lm 830	54	7,050	130	3,000	1,578	IP66	IK08	100,000
0048625	0010245	Resisto 1500 IP65 8300lm 840	64	8,300	130	4,000	1,578	IP66	IK08	100,000
0048676	0010248	Resisto 1500 IP65 8300lm 865	64	8,300	130	6,500	1,578	IP66	IK08	100,000
	0010242	Resisto 1500 IP65 8300lm 830	64	8,300	130	3,000	1,578	IP66	IK08	100,000
0048631	0010261	Resisto 1500 IP65 DALI 8300lm 840	64	8,300	130	4,000	1,578	IP66	IK08	100,000
	0010278	Resisto 1500 HE IP65 8300lm 840	55	8,300	150	4,000	1,578	IP66	IK08	100,000
	0010279	Resisto 1500 HE IP65 DALI 8300lm 840	55	8,300	150	4,000	1,578	IP66	IK08	100,000
	0010270	Resisto 1500 HE IP65 10000lm 840	67	10,000	150	4,000	1,578	IP66	IK08	100,000
0048628	0010275	Resisto 1500 HE IP65 DALI 10000lm 840	67	10,000	150	4,000	1,578	IP66	IK08	100,000

## Granit – New Generation of START Highbay

### Product information

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Old Code	Code	Description	Total system power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Driver	Beam angle (o)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>0-10V</b>											
0039344	0039592	Granit IP65 0-10V 13000lm 840 MB	90	13,000	144	4,000	0-10V	55	IP65	IK08	100,000
0039345	0039593	Granit IP65 0-10V 19000lm 840 MB	135	19,500	144	4,000	0-10V	55	IP65	IK08	100,000
0039346	0039594	Granit IP65 0-10V 26000lm 840 MB	180	26,000	144	4,000	0-10V	55	IP65	IK08	100,000
0039347	0039595	Granit IP65 0-10V 13000lm 840 WB	90	13,000	144	4,000	0-10V	85	IP65	IK08	100,000
0039348	0039596	Granit IP65 0-10V 19000lm 840 WB	135	19,500	144	4,000	0-10V	85	IP65	IK08	100,000
0039349	0039597	Granit IP65 0-10V 26000lm 840 WB	180	26,000	144	4,000	0-10V	85	IP65	IK08	100,000
0039350	0039598	Granit IP65 0-10V 13000lm 865 WB	90	12,700	141	6,500	0-10V	85	IP65	IK08	100,000
0039351	0039599	Granit IP65 0-10V 19000lm 865 WB	135	19,100	141	6,500	0-10V	85	IP65	IK08	100,000
0039352	0039600	Granit IP65 0-10V 26000lm 865 WB	180	25,500	142	6,500	0-10V	85	IP65	IK08	100,000
	0039601	Granit IP65 0-10V 31000lm 840 MB	220	31,000	141	4,000	0-10V	55	IP65	IK08	100,000
	0039602	Granit IP65 0-10V 31000lm 840 WB	220	31,000	141	4,000	0-10V	85	IP65	IK08	100,000
	0039603	Granit IP65 0-10V 31000lm 865 WB	220	30,400	138	6,500	0-10V	85	IP65	IK08	100,000
<b>DALI</b>											
0039362	0039617	Granit IP65 DALI 13000lm 840 MB	93	13,000	140	4,000	DALI	55	IP65	IK08	100,000
0039363	0039618	Granit IP65 DALI 19000lm 840 MB	139	19,500	140	4,000	DALI	55	IP65	IK08	100,000
0039364	0039619	Granit IP65 DALI 26000lm 840 MB	185	26,000	140	4,000	DALI	55	IP65	IK08	100,000
0039365	0039620	Granit IP65 DALI 13000lm 840 WB	93	13,000	140	4,000	DALI	85	IP65	IK08	100,000
0039366	0039621	Granit IP65 DALI 19000lm 840 WB	139	19,500	140	4,000	DALI	85	IP65	IK08	100,000
0039367	0039622	Granit IP65 DALI 26000lm 840 WB	185	26,000	140	4,000	DALI	85	IP65	IK08	100,000
	0039623	Granit IP65 DALI 13000lm 865 WB	93	12,700	137	6,500	DALI	85	IP65	IK08	100,000
	0039624	Granit IP65 DALI 19000lm 865 WB	139	19,100	137	6,500	DALI	85	IP65	IK08	100,000
	0039625	Granit IP65 DALI 26000lm 865 WB	185	25,500	137	6,500	DALI	85	IP65	IK08	100,000
	0039626	Granit IP65 DALI 31000lm 840 MB	226	31,000	137	4,000	DALI	55	IP65	IK08	100,000
	0039627	Granit IP65 DALI 31000lm 840 WB	226	31,000	137	4,000	DALI	85	IP65	IK08	100,000
	0039628	Granit IP65 DALI 31000lm 865 WB	226	30,400	134	6,500	DALI	85	IP65	IK08	100,000

#### Accessories

Old Code	Code	Description
0039353 / 0039354 / 0039355	0039604	Bracket and Arm For 13-31Klm 0-10V & 13-26Klm DALI
	0039605	Bracket and Arm For 31Klm DALI
0039356	0039606	Alu Shade Alu Color For 13/19Klm
0039357	0039607	Alu Shade Black Color For 13/19Klm
0039358	0039608	PC Lamphshade Transparent For 13/19Klm
	0039609	Granit Module MW
	0039610	Granit Module SSC
0039359	0039611	Alu Shade Alu Color For 26/31Klm
0039360	0039612	Alu Shade Black Color For 26/31Klm
0039361	0039613	PC Lamphshade Transparent For 26/31Klm
	9041541	GRANIT SYLSMART SENSOR SSC IP65+BRACKET



Product information

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Code	Description	Total system power consumption (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temp (K)	Drive current (mA)	Beam Angle (°)	IP Rating	IK Rating	Lifespan L70B50 (hours)
<b>DALI</b>										
0040302	Sylbay 4000K L2 9000lm WIDE DALI	57	9,100	160	4,000	400	75	IP65	IK08	120,000
0040303	Sylbay 4000K L2 9000lm AISLE DALI	57	9,100	160	4,000	400	30°60	IP65	IK08	120,000
0040304	Sylbay 4000K L2 14000lm WIDE DALI	95	14,200	150	4,000	650	75	IP65	IK08	120,000
0040305	Sylbay 4000K L2 14000lm AISLE DALI	95	14,200	150	4,000	650	30°60	IP65	IK08	120,000
0040306	Sylbay 4000K L2 19500lm WIDE DALI	135	19,000	141	4,000	900	75	IP65	IK08	120,000
0040307	Sylbay 4000K L2 19500lm AISLE DALI	135	19,000	141	4,000	900	30°60	IP65	IK08	120,000
0040308	Sylbay 4000K L3 24000lm WIDE DALI	165	24,000	145	4,000	750	75	IP65	IK08	120,000
0040309	Sylbay 4000K L3 24000lm AISLE DALI	165	24,000	145	4,000	750	30°60	IP65	IK08	120,000
0040310	Sylbay 4000K L4 32000lm WIDE DALI	205	31,000	156	4,000	700	75	IP65	IK08	120,000
0040311	Sylbay 4000K L4 32000lm AISLE DALI	205	31,000	156	4,000	700	30°60	IP65	IK08	120,000
0040312	Sylbay 4000K L4 37000lm WIDE DALI	268	37,300	139	4,000	900	75	IP65	IK08	120,000
0040313	Sylbay 4000K L4 37000lm AISLE DALI	268	37,300	139	4,000	900	30°60	IP65	IK08	120,000
0040314	Sylbay 4000K L6 47000lm WIDE DALI	327	47,400	145	4,000	750	75	IP65	IK08	120,000
0040315	Sylbay 4000K L6 47000lm AISLE DALI	327	47,400	145	4,000	750	30°60	IP65	IK08	120,000
<b>PIR</b>										
0040320	Sylbay 4000K L2 9000lm WIDE PIR	57	9,100	160	4,000	400	75	IP65	IK08	120,000
0040321	Sylbay 4000K L2 9000lm AISLE PIR	57	9,100	160	4,000	400	30°60	IP65	IK08	120,000
0040322	Sylbay 4000K L2 14000lm WIDE PIR	95	14,200	150	4,000	650	75	IP65	IK08	120,000
0040323	Sylbay 4000K L2 14000lm AISLE PIR	95	14,200	150	4,000	650	30°60	IP65	IK08	120,000
0040324	Sylbay 4000K L2 19500lm WIDE PIR	135	19,000	141	4,000	900	75	IP65	IK08	120,000
0040325	Sylbay 4000K L2 19500lm AISLE PIR	135	19,000	141	4,000	900	30°60	IP65	IK08	120,000
0040326	Sylbay 4000K L3 24000lm WIDE PIR	165	24,000	145	4,000	750	75	IP65	IK08	120,000
0040327	Sylbay 4000K L3 24000lm AISLE PIR	165	24,000	145	4,000	750	30°60	IP65	IK08	120,000
0040328	Sylbay 4000K L4 32000lm WIDE PIR	205	31,000	156	4,000	700	75	IP65	IK08	120,000
0040329	Sylbay 4000K L4 32000lm AISLE PIR	205	31,000	156	4,000	700	30°60	IP65	IK08	120,000
0040330	Sylbay 4000K L4 37000lm WIDE PIR	268	37,300	139	4,000	900	75	IP65	IK08	120,000
0040331	Sylbay 4000K L4 37000lm AISLE PIR	268	37,300	139	4,000	900	30°60	IP65	IK08	120,000
0040332	Sylbay 4000K L6 47000lm WIDE PIR	327	47,400	145	4,000	750	75	IP65	IK08	120,000
0040333	Sylbay 4000K L6 47000lm AISLE PIR	327	47,400	145	4,000	750	30°60	IP65	IK08	120,000

Accessories

Code	Description
0040022	SYLBAY SUSPENSION CABLE 3M x 2 POINTS
0040023	SYLBAY SUSPENSION CABLE 5M x 2 POINTS
0040024	SYLBAY SUSPENSION CABLE 3M X 4 POINTS
0040025	SYLBAY SUSPENSION CABLE 5M X 4 POINTS
0040026	SYLBAY SB TB SURFACE MOUNT BRACKET

START Flood Flat – New Generation of START eco Flood Flat

Product information

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New Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>3000K w/o PIR</b>										
0047960	0050105	Start Flood Flat IP65 950lm 830 Black	9	950	105	3,000	19	IP65	IK06	130,000
0048447	0050107	Start Flood Flat IP65 950lm 830 White	9	950	105	3,000	19	IP65	IK06	130,000
	0050109	Start Flood Flat IP65 1850lm 830 Black	18	1,850	103	3,000	38	IP65	IK06	130,000
	0050111	Start Flood Flat IP65 1850lm 830 White	18	1,850	103	3,000	38	IP65	IK06	130,000
0047964	0050113	Start Flood Flat IP65 2850lm 830 Black	27	2,850	106	3,000	60	IP65	IK06	130,000
0048449	0050115	Start Flood Flat IP65 2850lm 830 White	27	2,850	106	3,000	60	IP65	IK06	130,000
0047968	0050117	Start Flood Flat IP65 4650lm 830 Black	45	4,650	103	3,000	154	IP65	IK06	130,000
0048451	0050119	Start Flood Flat IP65 4650lm 830 White	45	4,650	103	3,000	154	IP65	IK06	130,000
0047972	0050121	Start Flood Flat IP65 6500lm 830 Black	63	6,500	103	3,000	270	IP65	IK07	130,000
0047972	0050121	Start Flood Flat IP65 6500lm 830 Black	63	6,500	103	3,000	270	IP65	IK07	130,000
0048453	0050123	Start Flood Flat IP65 6500lm 830 White	63	6,500	103	3,000	270	IP65	IK07	130,000
0047976	0050125	Start Flood Flat IP65 9300lm 830 Black	73	9,300	127	3,000	330	IP65	IK07	130,000
0048454	0050127	Start Flood Flat IP65 9300lm 830 White	73	9,300	127	3,000	330	IP65	IK07	130,000
<b>3000K with PIR</b>										
0047962	0050129	Start Flood Flat IP54 PIR 950lm 830 Black	10	950	95	3,000	19	IP54	IK05	130,000
0048448	0050131	Start Flood Flat IP54 PIR 950lm 830 White	10	950	95	3,000	19	IP54	IK05	130,000
	0050133	Start Flood Flat IP54 PIR 1850lm 830 Black	19	1,850	97	3,000	38	IP54	IK05	130,000
	0050135	Start Flood Flat IP54 PIR 1850lm 830 White	19	1,850	97	3,000	38	IP54	IK05	130,000
0047966	0050137	Start Flood Flat IP54 PIR 2850lm 830 Black	28	2,850	102	3,000	60	IP54	IK05	130,000
0048450	0050139	Start Flood Flat IP54 PIR 2850lm 830 White	28	2,850	102	3,000	60	IP54	IK05	130,000
0047970	0050141	Start Flood Flat IP54 PIR 4650lm 830 Black	46	4,650	101	3,000	154	IP54	IK05	130,000
0048452	0050143	Start Flood Flat IP54 PIR 4650lm 830 White	46	4,650	101	3,000	154	IP54	IK05	130,000
<b>4000K w/o PIR</b>										
0047961	0050106	Start Flood Flat IP65 1000lm 840 Black	9	1,000	111	4,000	19	IP65	IK06	130,000
0048238	0050108	Start Flood Flat IP65 1000lm 840 White	9	1,000	111	4,000	19	IP65	IK06	130,000
	0050110	Start Flood Flat IP65 2000lm 840 Black	18	2,000	111	4,000	38	IP65	IK06	130,000
0047965	0050114	Start Flood Flat IP65 3000lm 840 Black	27	3,000	111	4,000	60	IP65	IK06	130,000
	0050112	Start Flood Flat IP65 2000lm 840 White	18	2,000	111	4,000	38	IP65	IK06	130,000
0048240	0050116	Start Flood Flat IP65 3000lm 840 White	27	3,000	111	4,000	60	IP65	IK06	130,000
0047969	0050118	Start Flood Flat IP65 5000lm 840 Black	45	5,000	111	4,000	154	IP65	IK06	130,000
0048242	0050120	Start Flood Flat IP65 5000lm 840 White	45	5,000	111	4,000	154	IP65	IK06	130,000
0047973	0050122	Start Flood Flat IP65 7000lm 840 Black	63	7,000	111	4,000	270	IP65	IK07	130,000
0048244	0050124	Start Flood Flat IP65 7000lm 840 White	63	7,000	111	4,000	270	IP65	IK07	130,000
0047977	0050126	Start Flood Flat IP65 10000lm 840 Black	73	10,000	137	4,000	330	IP65	IK07	130,000
0048245	0050128	Start Flood Flat IP65 10000lm 840 White	73	10,000	137	4,000	330	IP65	IK07	130,000
<b>4000K with PIR</b>										
0047963	0050130	Start Flood Flat IP54 PIR 1000lm 840 Black	10	1,000	100	4,000	19	IP54	IK05	130,000
0048239	0050132	Start Flood Flat IP54 PIR 1000lm 840 White	10	1,000	100	4,000	19	IP54	IK05	130,000
	0050134	Start Flood Flat IP54 PIR 2000lm 840 Black	19	2,000	105	4,000	38	IP54	IK05	130,000
	0050136	Start Flood Flat IP54 PIR 2000lm 840 White	19	2,000	105	4,000	38	IP54	IK05	130,000
0047967	0050138	Start Flood Flat IP54 PIR 3000lm 840 Black	28	3,000	107	4,000	60	IP54	IK05	130,000
0048241	0050140	Start Flood Flat IP54 PIR 3000lm 840 White	28	3,000	107	4,000	60	IP54	IK05	130,000
0047971	0050142	Start Flood Flat IP54 PIR 5000lm 840 Black	46	5,000	109	4,000	154	IP54	IK05	130,000
0048243	0050144	Start Flood Flat IP54 PIR 5000lm 840 White	46	5,000	109	4,000	154	IP54	IK05	130,000

# Kalani - New Generation of START Flood IP66

## Product information

## Product overview on page 93

New Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	CRI	Beam Angle (°)	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>NEW GENERATION - 3000K</b>														
0048501	0048524	Kalani 6Klm 830 WB	50	6,300	126	3,000	950	80	60	210	250	IP66	IK08	100,000
0048502	0048525	Kalani 6Klm 830 ASYM	50	6,200	124	3,000	950	80	65 x 120	210	250	IP66	IK08	100,000
0048503	0048526	Kalani 13Klm 830 WB	100	13,400	134	3,000	1,950	80	60	300	320	IP66	IK08	100,000
0048504	0048527	Kalani 13Klm 830 ASYM	100	12,800	128	3,000	1,950	80	65 x 120	300	320	IP66	IK08	100,000
0048505	0048528	Kalani 20Klm 830 WB	150	19,900	133	3,000	2,850	80	60	295	367	IP66	IK08	100,000
0048506	0048529	Kalani 20Klm 830 ASYM	150	19,350	129	3,000	2,850	80	65 x 120	295	367	IP66	IK08	100,000
0048507	0048530	Kalani 26Klm 830 WB	200	25,500	128	3,000	3,850	80	60	360	400	IP66	IK08	100,000
0048508	0048531	Kalani 26Klm 830 ASYM	200	25,100	126	3,000	3,850	80	65 x 120	360	400	IP66	IK08	100,000
0048509	0048532	Kalani 39Klm 830 WB	300	38,200	127	3,000	5,650	80	60	430	470	IP66	IK08	100,000
0048510	0048533	Kalani 39Klm 830 ASYM	300	37,500	125	3,000	5,650	80	65 x 120	430	470	IP66	IK08	100,000
<b>4000K</b>														
0048206	0048534	Kalani 6Klm 840 WB	50	6,700	134	4,000	950	80	60	210	250	IP66	IK08	100,000
0048207	0048535	Kalani 6Klm 840 ASYM	50	6,450	129	4,000	950	80	65 x 120	210	250	IP66	IK08	100,000
0048208	0048536	Kalani 13Klm 840 WB	100	14,000	140	4,000	1,950	80	60	300	320	IP66	IK08	100,000
0048209	0048537	Kalani 13Klm 840 ASYM	100	13,200	132	4,000	1,950	80	65 x 120	300	320	IP66	IK08	100,000
0048210	0048538	Kalani 20Klm 840 WB	150	20,800	139	4,000	2,850	80	60	295	367	IP66	IK08	100,000
0048211	0048539	Kalani 20Klm 840 ASYM	150	20,100	134	4,000	2,850	80	65 x 120	295	367	IP66	IK08	100,000
0048212	0048540	Kalani 26Klm 840 WB	200	27,600	138	4,000	3,850	80	60	360	400	IP66	IK08	100,000
0048213	0048541	Kalani 26Klm 840 ASYM	200	26,400	132	4,000	3,850	80	65 x 120	360	400	IP66	IK08	100,000
0048214	0048542	Kalani 39Klm 840 WB	300	41,800	139	4,000	5,650	80	60	430	470	IP66	IK08	100,000
0048215	0048543	Kalani 39Klm 840 ASYM	300	40,100	134	4,000	5,650	80	65 x 120	430	470	IP66	IK08	100,000

### Accessories

Code	Description
0048216	Start Flood/ Kalani Post Top Adaptor 42mm
0048217	Start Flood/ Kalani Post Top Adaptor 60mm
0048218	Start Flood/ Kalani Post Top Adaptor 76mm
0048219	Start Flood/ Kalani Wire Guard 50W
0048220	Start Flood/ Kalani Wire Guard 100W
0048221	Start Flood/ Kalani Wire Guard 150W
0048222	Start Flood/ Kalani Wire Guard 200W
0048223	Start Flood/ Kalani Wire Guard 300W
0048224	Start Flood/ Kalani Pole Clamp 50-150W
0048225	Start Flood/ Kalani Pole Clamp 200-300W

# Sylveo

## Product information

## Product overview on page 94

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam Angle (°)	Height (mm)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0049926	Sylveo LED 3200lm NARROW 840	30	3,450	115	4,000	850	25	219	205	IP66	IK08	50,000
0049927	Sylveo LED 3200lm WIDE 840	30	3,300	110	4,000	850	60	219	205	IP66	IK08	50,000
0049928	Sylveo LED 3200lm ASYMMETRIC 840	30	3,000	100	4,000	850		219	205	IP66	IK08	50,000
0049929	Sylveo LED 3000lm NARROW 830	30	3,150	105	3,000	850	25	219	205	IP66	IK08	50,000
0049930	Sylveo LED 3000lm WIDE 830	30	2,900	96	3,000	850	60	219	205	IP66	IK08	50,000
0049931	Sylveo LED 3000lm ASYMMETRIC 830	30	3,000	100	3,000	850		219	205	IP66	IK08	50,000
0049932	Sylveo LED 9500lm NARROW 840	80	9,900	123	4,000	2,400	20	333	290	IP66	IK08	50,000
0049933	Sylveo LED 9500lm WIDE 840	80	9,800	122	4,000	2,400	60	333	290	IP66	IK08	50,000
0049934	Sylveo LED 9500lm ASYMMETRIC 840	80	9,200	115	4,000	2,400		333	290	IP66	IK08	50,000
0049935	Sylveo LED 7800lm NARROW 830	80	8,000	100	3,000	2,400	20	333	290	IP66	IK08	50,000
0049936	Sylveo LED 7800lm WIDE 830	80	7,900	98	3,000	2,400	60	333	290	IP66	IK08	50,000
0049937	Sylveo LED 7800lm ASYMMETRIC 830	80	7,400	93	3,000	2,400		333	290	IP66	IK08	50,000
0049938	Sylveo LED 14000lm NARROW 840	120	14,700	122	4,000	3,600	20	392	344	IP66	IK08	50,000
0049939	Sylveo LED 14000lm WIDE 840	120	14,800	123	4,000	3,600	60	392	344	IP66	IK08	50,000
0049940	Sylveo LED 14000lm ASYMMETRIC 840	120	13,500	112	4,000	3,600		392	344	IP66	IK08	50,000
0049941	Sylveo LED 12500lm NARROW 830	120	12,700	105	3,000	3,600	20	392	344	IP66	IK08	50,000
0049942	Sylveo LED 12500lm WIDE 830	120	12,600	105	3,000	3,600	60	392	344	IP66	IK08	50,000
0049943	Sylveo LED 12500lm ASYMMETRIC 830	120	12,900	107	3,000	3,600		392	344	IP66	IK08	50,000
0049944	Sylveo LED 23000lm NARROW 840	200	24,100	120	4,000	4,800	20	392	496	IP66	IK08	50,000
0049945	Sylveo LED 23000lm WIDE 840	200	24,300	121	4,000	4,800	60	392	496	IP66	IK08	50,000
0049946	Sylveo LED 23000lm ASYMMETRIC 840	200	21,200	106	4,000	4,800		392	496	IP66	IK08	50,000
0049947	Sylveo LED 21000lm NARROW 830	200	20,500	102	3,000	4,800	20	392	496	IP66	IK08	50,000
0049948	Sylveo LED 21000lm WIDE 830	200	20,500	102	3,000	4,800	60	392	496	IP66	IK08	50,000
0049949	Sylveo LED 21000lm ASYMMETRIC 830	200	21,400	107	3,000	4,800		392	496	IP66	IK08	50,000
0049950	Sylveo LED 33000lm NARROW 840	300	34,100	113	4,000	8,400	20	392	648	IP66	IK08	50,000
0049951	Sylveo LED 33000lm WIDE 840	300	34,800	116	4,000	8,400	60	392	648	IP66	IK08	50,000
0049952	Sylveo LED 33000lm ASYMMETRIC 840	300	31,600	105	4,000	8,400		392	648	IP66	IK08	50,000
0049953	Sylveo LED 30,000lm NARROW 830	300	29,700	99	3,000	8,400	20	392	648	IP66	IK08	50,000
0049954	Sylveo LED 30,000lm WIDE 830	300	29,100	97	3,000	8,400	60	392	648	IP66	IK08	50,000
0049955	Sylveo LED 30,000lm ASYMMETRIC 830	300	30,800	102	3,000	8,400		392	648	IP66	IK08	50,000

# Sylveo RGBW

## Product information

## Product overview on page 95

Code	Description	Total System power consumption (W) on white	Lumen output (lm) on white	Efficacy (lm/W)	Colour Temperature (K)	IP rating	IK rating	Lifespan L70B50 (hours)
0048015	Sylveo RGBW IP66 30W ASYM SIL	12	625	52	RGBW	66	8	50,000
0048016	Sylveo RGBW IP66 50W ASYM SIL	17	1,101	65	RGBW	66	8	50,000
0048017	Sylveo RGBW IP66 100W ASYM SI	32	2,094	65	RGBW	66	8	50,000
0048018	Sylveo RGBW IP66 170W ASYM SI	52	3,528	68	RGBW	66	8	50,000

### Accessories

Code	Description
0048019	Sylveo RGBW DMX512 2M CBL EX



## START eco Spikelight

### Product information

### Product overview on page 96

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Drive current (mA)	Beam angle (°)	IP rating	IK rating	Lifespan L70B50 (hours)
0053755	START eco Spikelight IP67 360 830 MB B	5	360	72	3,000	200	20	67	8	30,000
0053756	START eco Spikelight IP67 360 830 WB B	5	360	72	3,000	200	55	67	8	30,000
0053757	START eco Spikelight IP67 360 840 MB B	5	360	72	4,000	200	20	67	8	30,000
0053758	START eco Spikelight IP67 360 840 WB B	5	360	72	4,000	200	55	67	8	30,000

## START Bollard

### Product information

### Product overview on page 97

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	Drive current (mA)	Height (m)	Lifespan L70B50 (hours)
0047940	START Bollard M IP65 1100lm 830 BLK	26	1,100	42	3,000	220-240	1,200	0.5	50,000
0047941	START Bollard L IP65 1100lm 830 BLK	26	1,100	42	3,000	220-240	1,200	1	50,000
0047942	START Bollard M IP65 1100lm 840 BLK	26	1,100	42	4,000	220-240	1,200	0.5	50,000
0047943	START Bollard L IP65 1100lm 840 BLK	26	1,100	42	4,000	220-240	1,200	1	50,000

## START eco Bollard Rectangular

### Product information

### Product overview on page 98

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	Drive current (mA)	Height (m)	Lifespan L70B50 (hours)
0047930	START eco Bollard Rectangular M IP65 780lm 830 BLK	13	780	60	3,000	220-240	300	0.5	30,000
0047931	START eco Bollard Rectangular L IP65 780lm 830 BLK	13	780	60	3,000	220-240	300	0.8	30,000

## START eco Bollard L & Wall L

### Product information

### Product overview on page 99

Item code	Description	Body colour	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	IP-rating	Lifespan L70B50 (hours)
<b>Wall</b>									
0047932	START eco Surface Wall L-shape IP65 830 BLK	black	8	620	78	3,000	220-240	65	30,000
<b>Bollard</b>									
0047951	START eco Bollard L-shape M IP65 620 830 BLK	black	8	620	78	3,000	220-240	65	30,000
0047952	START eco Bollard L-shape L IP65 620 830 BLK	black	8	620	78	3,000	220-240	65	30,000

## START eco Surface Wall

### Product information

### Product overview on page 100

Code	Description	Body colour	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	IP-rating	Lifespan L70B50 (hours)
<b>Standard</b>									
0047933	START eco Surface Wall Round IP54 830 WH	white	12	880	73	3,000	220-240	54	30,000
0047934	START eco Surface Wall Square IP54 830 WH	white	12	880	73	3,000	220-240	54	30,000
<b>Microwave</b>									
0047935	START eco Surface Wall Round IP54 MW 830 WH	white	13	880	68	3,000	220-240	54	30,000
0047936	START eco Surface Wall Square IP54 MW 830 WH	white	13	880	68	3,000	220-240	54	30,000
<b>Adjustable</b>									
0047910	START eco Surface Wall Adjustable IP54 830 BLK	black	5	2x150	58	3,000	220-240	54	30,000
0047911	START eco Surface Wall Adjustable IP54 830 WHT	white	5	2x150	58	3,000	220-240	54	30,000

## START Surface Wall

### Product information

### Product overview on page 101

Code	Description	Body colour	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	IP-rating	Lifespan L70B50 (hours)
0047056	START Surface Wall Square Deco IP54 430lm 830 BLK	Black	8	430	54	3,000	220-240V	IP54	50,000
0047057	START Surface Wall Square Deco IP54 430lm 840 BLK	Black	8	430	54	4,000	220-240V	IP54	50,000
0047058	START Surface Wall Round IP54 465lm 830 BLK	Black	7	465	66	3,000	220-240V	IP54	50,000
0047059	START Surface Wall Round IP54 465lm 840 BLK	Black	7	465	66	4,000	220-240V	IP54	50,000
0047060	START Surface Wall Housing Round IP54 BLK	Black					220-240V	IP54	50,000

## Interrata

### Product information

### Product overview on page 103

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam Angle (°)	Diameter (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
<b>Standard</b>											
0049036	Interrata XS IP67 Frosted 100lm 830	3.5	115	33	3,000	150	100	100	IP67	IK10	50,000
0049037	Interrata XS IP67 Frosted 100lm 840	3.5	125	36	4,000	150	100	100	IP67	IK10	50,000
0049038	Interrata XS IP67 Clear 100lm 830 NB	2.7	125	46	3,000	550	12	100	IP67	IK10	50,000
0049039	Interrata XS IP67 Clear 100lm 840 NB	2.7	140	52	4,000	550	12	100	IP67	IK10	50,000
<b>Adjustable</b>											
0049040	Interrata Adjustable S IP67 Clear 400lm 830 MB	5.7	390	68	3,000	500	30	120	IP67	IK10	50,000
0049041	Interrata Adjustable S IP67 Clear 400lm 840 MB	5.7	390	68	4,000	500	30	120	IP67	IK10	50,000
0049042	Interrata Adjustable M IP67 Clear 1000lm 830 MB	13.5	1,025	76	3,000	600	30	200	IP67	IK10	50,000
0049043	Interrata Adjustable M IP67 Clear 1000lm 840 MB	13.5	1,075	80	4,000	600	30	200	IP67	IK10	50,000
0049044	Interrata Adjustable L IP67 Clear 2000lm 830 MB	29	2,000	69	3,000	910	25	260	IP67	IK10	50,000
0049045	Interrata Adjustable L IP67 Clear 2000lm 840 MB	29	2,075	72	4,000	910	25	260	IP67	IK10	50,000

Interrata – Accessories

Code	Description	IP rating
0049046	Interrata Adjustable S Frosted Glass	
0049047	Interrata Adjustable M Frosted Glass	
0049048	Interrata Adjustable L Frosted Glass	
0049049	Interrata Adjustable S Honeycomb	
0049050	Interrata Adjustable M Honeycomb	
0049051	Interrata Adjustable L Honeycomb	
0049052	Interrata IP68 LILO Junction Box	IP68
0049077	IP68 Connector 3P	IP68
0049081	IP68 T Connector 3P	IP68

## Graze

### Product information

### Product overview on page 104

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Colour temperature (K)	Drive current (mA)	Beam Angle (°)	Length (mm)	IP rating	IK rating	Lifespan L70B50 (hours)
0048442	GRAZE IP66 500MM 2200lm 830	24.4	2200	90	3,000	600	23 x 65°	500	IP66	IK08	50000
0048443	GRAZE IP66 500MM 2200lm 840	24	2275	95	4,000	600	23 x 65°	500	IP66	IK08	50000
0048444	GRAZE IP66 1000MM 4400lm 830	45.1	4300	95	3,000	1000	23 x 65°	1000	IP66	IK08	50000
0048445	GRAZE IP66 1000MM 4400lm 840	44.9	4450	99	4,000	1000	23 x 65°	1000	IP66	IK08	50000
0048499	GRAZE 1,5M LEADER CABLE										
0048446	GRAZE 2M CABLE EXTENSION										

## Zephyr

### Product information

### Product overview on page 105

Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Spigot size (mm)	Colour Temperature (K)	Light Distribution	Voltage (V)	Electrical Class	Mains Supply Cable (H05RN-F) Supplied	Photocell	Lifespan L70B50 (hours)
<b>Small</b>												
0049390	Zephyr Small Lantern 3700lm 4K 1M CLI GREY	30	3,700	123	48	4,000	Type 1M	230 - 240V	Class I	8 metres	No	50,000
<b>Large</b>												
0049392	Zephyr Large Lantern 6000lm 4K 2S CLI GREY	50	6,000	120	60	4,000	Type 2S	230 - 240V	Class I	8 metres	No	50,000
0049393	Zephyr Large Lantern 6000lm 4K 2S CLI GREY PH	50	6,000	120	60	4,000	Type 2S	230 - 240V	Class I	8 metres	Yes	50,000
0049394	Zephyr Large Lantern 6000lm 4K 2S CLII GREY	50	6,000	120	60	4,000	Type 2S	230 - 240V	Class II	8 metres	No	50,000
0049396	Zephyr Large Lantern 9600lm 4K 2S CLI GREY	80	9,600	120	60	4,000	Type 2S	230 - 240V	Class I	8 metres	No	50,000
0049397	Zephyr Large Lantern 9600lm 4K 2S CLI GREY PH	80	9,600	120	60	4,000	Type 2S	230 - 240V	Class I	8 metres	Yes	50,000

## Zodiac

### Product information

### Product overview on page 106

New Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Spigot size (mm)	Colour Temperature (K)	Voltage (V)	Electrical Class	Mains Supply Cable (H05RN-F) Supplied	Photocell	Lifespan L70B50 (hours)
<b>Small</b>												
0049970	0049910	Zodiac Small Lantern 6.6Klm 4K T4 CLI GREY	60	6,600	110	60	4,000	230 - 240V	Class I	8 metres	No	50,000
	0049912	Zodiac Small Lantern 6.6Klm 4K T4 CLII GREY	60	6,600	110	60	4,000	230 - 240V	Class II	8 metres	No	50,000
0049971	0049911	Zodiac Small Lantern 6.6Klm 4K T4 CLI GREY PH	60	6,600	110	60	4,000	230 - 240V	Class I	8 metres	Yes	50,000
	0049913	Zodiac Small Lantern 6.6Klm 4K T4 CLII GRY PH	60	6,600	110	60	4,000	230 - 240V	Class II	8 metres	Yes	50,000
<b>Medium</b>												
0049974	0049914	Zodiac Medium Lantern 8.8Klm 4K T4 CLI GREY	80	8,800	110	60	4,000	230 - 240V	Class I	10 metres	No	50,000
	0049916	Zodiac Medium Lantern 8.8Klm 4K T4 CLII GREY	80	8,800	110	60	4,000	230 - 240V	Class II	10 metres	No	50,000
0049978	0049918	Zodiac Medium Lantern 13Klm 4K T4 CLI GREY	120	13,000	108	60	4,000	230 - 240V	Class I	10 metres	No	50,000
	0049920	Zodiac Medium Lantern 13Klm 4K T4 CLII GREY	120	13,000	108	60	4,000	230 - 240V	Class II	10 metres	No	50,000
<b>Large</b>												
0049982	0049922	Zodiac Large Lantern 22Klm 4K T4 CLI GREY	200	22,000	110	60	4,000	230 - 240V	Class I	12 metres	No	50,000
	0049924	Zodiac Large Lantern 22Klm 4K T4 CLII GREY	200	22,000	110	60	4,000	230 - 240V	Class II	12 metres	No	50,000
0049983	0049923	Zodiac Large Lantern 22Klm 4K T4 CLI GREY PH	200	22,000	110	60	4,000	230 - 240V	Class I	12 metres	Yes	50,000
	0049925	Zodiac Large Lantern 22Klm 4K T4 CLII GREY PH	200	22,000	110	60	4,000	230 - 240V	Class II	12 metres	Yes	50,000

### New Generation

Old Code	Code	Description	Total System power consumption (W)	Lumen output (lm)	Efficacy (lm/W)	Spigot size (mm)	Colour Temperature (K)	Voltage (V)	Electrical Class	Mains Supply Cable (H05RN-F) Supplied	Photocell	Lifespan L70B50 (hours)
<b>Small</b>												
0049910	0049970	ZODIAC SMALL G2 7Klm 4000K CLI GREY	54	7,400	137		4,000	220-240V	Class I			50,000
0049911	0049971	ZODIAC SMALL G2 7Klm 4000K CLI GREY PH	54	7,400	137		4,000	220-240V	Class I			50,000
<b>Medium</b>												
0049914	0049974	ZODIAC MEDIUM G2 10Klm 4000K CLI GREY	69	10,300	149		4,000	220-240V	Class I			50,000
0049918	0049978	ZODIAC MEDIUM G2 13Klm 4000K CLI GREY	93	13,200	142		4,000	220-240V	Class I			50,000
0049922	0049982	ZODIAC MEDIUM G2 21Klm 4000K CLI GREY	148	20,600	139		4,000	220-240V	Class I			50,000
0049915	0049975	ZODIAC MEDIUM G2 10Klm 4000K CLI GREY PH	69	10,300	149		4,000	220-240V	Class I			50,000
0049919	0049979	ZODIAC MEDIUM G2 13Klm 4000K CLI GREY PH	93	13,200	142		4,000	220-240V	Class I			50,000
0049923	0049983	ZODIAC MEDIUM G2 21Klm 4000K CLI GREY PH	148	20,600	139		4,000	220-240V	Class I			50,000

## Skyline Street

### Product information

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Code	Description	LED qty	Total System power consumption (W)	System Lumen output (lm)	Efficacy (lm/W)	Light Distribution	Colour Temperature (K)	Electrical Safety Class	Voltage (V)	Lifespan L70B50 (hours)
<b>Small</b>										
0066600	Skyline Street S 1-5klm NW MR15 I 9022	24	49	5,624	115	MR15	4,000	Class I	220 - 240V	100,000
0066601	Skyline Street S 1-5klm NW MR06 I 9022	24	49	5,547	113	MR06	4,000	Class I	220 - 240V	100,000
0066602	Skyline Street S 1-5klm NW NR10 I 9022	24	49	5,869	120	NR10	4,000	Class I	220 - 240V	100,000
0066618	Skyline Street S 1-5klm NW MR22 I 9022	24	49	6,115	125	MR22	4,000	Class I	220 - 240V	100,000
0066624	Skyline Street S 1-5klm NW MR21 I 9022	24	49	5,984	122	MR21	4,000	Class I	220 - 240V	100,000
0066627	Skyline Street S 1-5klm NW NR14 I 9022	24	49	6,030	123	NR14	4,000	Class I	220 - 240V	100,000
0066609	Skyline Street S 1-5klm NW XR18 I 9022	24	49	4,902	100	XR18	4,000	Class I	220 - 240V	100,000
0066612	Skyline Street S 1-5klm NW WR35 I 9022	24	49	5,748	117	WR35	4,000	Class I	220 - 240V	100,000
0066621	Skyline Street S 1-5klm NW MR20 I 9022	24	49	5,731	117	MR20	4,000	Class I	220 - 240V	100,000



Code	Description	LED qty	Total System power consumption (W)	System Lumen output (lm)	Efficacy (lm/W)	Light Distribution	Colour Temperature (K)	Electrical Safety Class	Voltage (V)	Lifespan L70B50 (hours)
<b>Medium</b>										
0066603	Skyline Street M 5-12klm NW MR15 I 9022	48	103	12,406	120	MR15	4,000	Class I	220 - 240V	100,000
0066604	Skyline Street M 5-12klm NW MR06 I 9022	48	103	12,106	118	MR06	4,000	Class I	220 - 240V	100,000
0066605	Skyline Street M 5-12klm NW NR10 I 9022	48	103	12,948	126	NR10	4,000	Class I	220 - 240V	100,000
0066619	Skyline Street M 5-12klm NW MR22 I 9022	48	103	13,166	128	MR22	4,000	Class I	220 - 240V	100,000
0066625	Skyline Street M 5-12klm NW MR21 I 9022	48	103	12,851	125	MR21	4,000	Class I	220 - 240V	100,000
0066628	Skyline Street M 5-12klm NW NR14 I 9022	48	103	13,025	126	NR14	4,000	Class I	220 - 240V	100,000
0066610	Skyline Street M 5-12klm NW XR18 I 9022	48	103	10,718	104	XR18	4,000	Class I	220 - 240V	100,000
0066613	Skyline Street M 5-12klm NW WR35 I 9022	48	103	12,245	119	WR35	4,000	Class I	220 - 240V	100,000
0066622	Skyline Street M 5-12klm NW MR20 I 9022	48	103	12,486	121	MR20	4,000	Class I	220 - 240V	100,000
<b>Large</b>										
0066606	Skyline Street L 10-16klm NW MR15 I 9022	64	147	16,307	111	MR15	4,000	Class I	220 - 240V	85,000
0066607	Skyline Street L 10-16klm NW MR06 I 9022	64	147	15,900	108	MR06	4,000	Class I	220 - 240V	85,000
0066608	Skyline Street L 10-16klm NW NR10 I 9022	64	147	17,029	116	NR10	4,000	Class I	220 - 240V	85,000
0066620	Skyline Street L 10-16klm NW MR22 I 9022	64	147	17,496	119	MR22	4,000	Class I	220 - 240V	85,000
0066626	Skyline Street L 10-16klm NW MR21 I 9022	64	147	17,099	116	MR21	4,000	Class I	220 - 240V	85,000
0066629	Skyline Street L 10-16klm NW NR14 I 9022	64	147	17,260	117	NR14	4,000	Class I	220 - 240V	85,000
0066611	Skyline Street L 10-16klm NW XR18 I 9022	64	147	13,660	93	XR18	4,000	Class I	220 - 240V	85,000
0066614	Skyline Street L 10-16klm NW WR35 I 9022	64	147	16,393	112	WR35	4,000	Class I	220 - 240V	85,000
0066623	Skyline Street L 10-16klm NW MR20 I 9022	64	147	16,603	113	MR20	4,000	Class I	220 - 240V	85,000
<b>Extra Large</b>										
0066752	Skyline Street XL 17-30klm NW MR15 I 9022	112	244	30,042	123	MR22	4,000	Class I	220 - 240V	100,000
0066751	Skyline Street XL 17-30klm NW MR06 I 9022	112	244	28,554	117	MR06	4,000	Class I	220 - 240V	100,000
0066755	Skyline Street XL 17-30klm NW NR10 I 9022	112	244	30,600	125	MR15	4,000	Class I	220 - 240V	100,000
0066759	Skyline Street XL 17-30klm NW XR18 I 9022	112	244	28,134	115	MR20	4,000	Class I	220 - 240V	100,000
0066758	Skyline Street XL 17-30klm NW WR35 I 9022	112	244	30,982	127	MR21	4,000	Class I	220 - 240V	100,000
0066750	Skyline Street XL 17-30klm NW MR22 I 9022	112	244	30,262	124	NR10	4,000	Class I	220 - 240V	100,000
0066753	Skyline Street XL 17-30klm NW MR20 I 9022	112	244	30,009	123	NR14	4,000	Class I	220 - 240V	100,000
0066754	Skyline Street XL 17-30klm NW MR21 I 9022	112	244	31,238	128	NR17	4,000	Class I	220 - 240V	100,000
0066756	Skyline Street XL 17-30klm NW NR14 I 9022	112	244	30,362	124	WR35	4,000	Class I	220 - 240V	100,000
0066757	Skyline Street XL 17-30klm NW NR17 I 9022	112	244	29,921	123	XR18	4,000	Class I	220 - 240V	100,000

## Skyline LED

### Product information

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Code	Description	Total System power consumption (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	Voltage (V)	Electrical safety	Lifespan L70B50 (hours)
<b>Medium</b>								
0043561	Skyline LED 23K SYM White	158	22,978	145	4,000	220-240V	Class I	80,000
0043562	Skyline LED 18K ASYM White	120	17,765	148	4,000	220-240V	Class I	80,000
<b>Mini</b>								
0043565	Skyline LED Mini 10K SYM White	74	10,444	141	4,000	220-240V	Class I	76,000
0043566	Skyline LED Mini 6K ASYM White	47	6,208	132	4,000	220-240V	Class I	76,000