

# Intelligent lighting solutions

## Innovation in LED

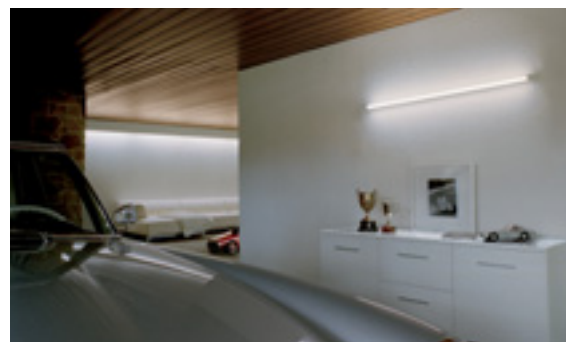
LED TABLE STAR from OSRAM is a table light with an OSTAR® high-power LED. This provides excellent illumination of the task area and consumes very little power. DECOSPOT® LED retrofit lamps for mains voltage and DRAGONSTAR® retrofit lamps for low voltage are particularly energy saving. Because current is converted directly into light of a particular wavelength, LED technology is ideal for creating colour effects.

## Miniaturisation as a philosophy

Even though OSRAM sells luminaires, our customers are more interested in the results – in other words light. For this reason we are constantly seeking to make our luminaires as small as possible. The new LUMILUX DUO® T5 and the new LUMILUX SPLIT®-HE for example make use of our LUMILUX® T5 HE lamps. These 16 mm fluorescent lamps enable the luminaires to be made really compact. For the LUMILUX SPLIT®-HE we located the ECG outside the luminaire so its size could be reduced to an absolute minimum.

## Lighting management solutions from OSRAM

With the OSRAM ECOPACK®-FH DALI, OSRAM offers the first luminaire for integration in intelligent lighting management systems. This can be combined with an extensive range of sensors and transmitters to produce sophisticated lighting solutions that make optimum use of available natural daylight without the need for expensive cabling.



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# Specification and safety

## IP types of protection to IEC 60529




First digit	Symbol	Degree of protection	
		Brief description	Details of which foreign bodies must not penetrate the casing
0	–	Unprotected	No special protection
1	–	Protected against solid objects over 50 mm	Large surface, e.g. a hand (but no protection against intentional contact). Solid bodies over 50 mm in diameter
2	–	Protected against solid objects over 12 mm	Finger or similar up to 80 mm in length. Solid bodies over 12 mm in diameter
3	–	Protected against solid objects over 2.5 mm	Tools, wires etc. with a diameter or thickness greater than 2.5 mm. Solid bodies over 2.5 mm in diameter
4	–	Protected against solid objects over 1 mm	Wires or strips thicker than 1 mm. Solid bodies over 1 mm in diameter
5		Dust protected	Penetration of dust is not completely prevented but dust cannot penetrate in such quantities that proper operation is compromised.
6		Dust-tight	No penetration of dust

Second digit	Symbol	Degree of protection	
		Brief description	Details on protection by the casing
0	–	Unprotected	No special protection
1	–	Protected against vertically falling drops of water	Dripping water (vertically falling drops of water) must not have a damaging effect.
2	–	Protected against water falling at up to 15° from the vertical	Vertically dripping water must not have a damaging effect if the casing is inclined at up to 15° from its normal position.
3		Protected against spray	Sprayed water must not have a damaging effect at up to 60° from the vertical.
4		Protected against splash water	Water sprayed at the casing from any direction must not have a damaging effect.
5		Protected against jets of water	Water sprayed at the casing from any direction by a strong jet must not have a damaging effect.
6	–	Protected against heavy seas	Water from heavy seas or high-pressure jets must not penetrate the casing in quantities that could cause damage.
7		Protected against the effects of immersion	Damaging quantities of water must not penetrate the casing if the casing is immersed in water under specified conditions in terms of pressure and time.
8		Protected against submersion	The device is suitable for constant submersion in water. The conditions are specified by the manufacturer. NOTE: This generally means that the device is completely sealed. However for some devices it may mean that water will penetrate but not in damaging quantities.

The IP code is a classification system for indicating the degree of protection that the casing provides against the ingress of dangerous objects, solid foreign bodies and water and for specifying additional information in connection with such

protection. Because of its IP 68 protection, AQUALED® can be installed in swimming pools for example. Luminaires for which no IP rating is expressly indicated have IP 20.




## Protection classes with regard to insulation

Protection class	Symbol	Meaning	Notes
I		Luminaires with a terminal for a protective conductor to which all metal parts that could carry current in the event of a fault must be connected.	Connection to a protective earth conductor absolutely essential. The symbol is displayed on the terminal.
II		In luminaires with this symbol there must be no exposed metal parts that could carry current in the event of a fault (additional or strengthened insulation).	The luminaire does not have to have a protective earth terminal.
III		Luminaires to be operated with safety extra-low voltage (SELV), i.e. voltages under 50 V generated with a safety transformer to VDE 0551 or supplied by batteries (standard or rechargeable).	


The protection class of a luminaire for mains voltage indicates the way in which an electric shock is prevented in the event of a fault. A luminaire in protection class II,

such as the LUMILUX® COMBI EL, does not have a protective earth so it places great demands on the design.

## Protection classes with regard to ignition/fire

Symbol	Meaning
	F luminaires are luminaires that can be mounted on normally flammable material without any additional measures. In accordance with EN 60598 the limit temperature of the mounting surface is 90 °C.
	Luminaires with this identifier are suitable according to DIN VDE 0710 Part 14 for installation in and on furniture, the material of which has normal or reduced flammability as per DIN 4102.
	Luminaires with this identifier are suitable according to DIN VDE 0710 Part 14 for installation in and on furniture with unknown flammability.

The symbols in the table above are used to describe the fire prevention properties of a luminaire. The LUMINESTRA® EL

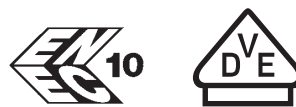
furniture luminaire for example naturally complies with the requirements of the strictest category .



### CE label

The CE label indicates that the product complies with the relevant EU Directives, such as the Low-Voltage Directive 73/23/EEC or the EMC Directive 89/336/EEC.

Of course, OSRAM luminaires meet the requirements of the relevant EC Directives and therefore carry the CE label.



### Compliance with safety regulations and other standards

Luminaires should not only look good and give out good light, they must be safe. Safety is guaranteed by compliance with a variety of regulations and standards. Luminaires from OSRAM meet all relevant national and international regulations, and this is indicated by approval marks such as the ones shown above.

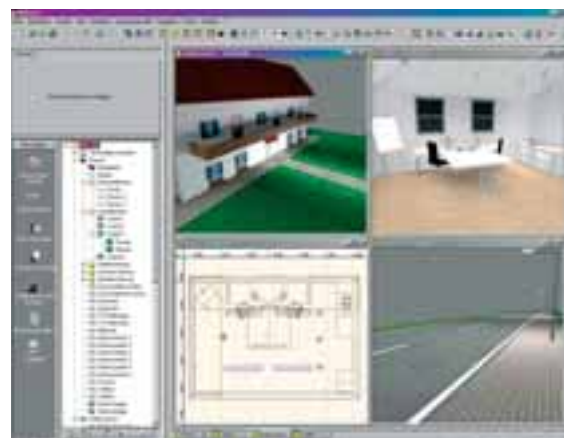
# Professional lighting planning with DIALux 4.2

The quality requirements that modern lighting systems have to meet are increasing all the time and the parameters are becoming ever more complex. Lighting systems have to provide uniform illumination with no glare while at the same time offering maximum economy. Without specially written computer programs, planning a modern lighting system would be an almost impossible task. DIAL (a German acronym for the German Institute for Applied Lighting) has produced DIALux, an extremely powerful lighting design program which is not linked to any particular manufacturer:

- Intuitive to use
- Graphical user interface
- Accurate recording of room conditions – all the necessary information such as the furniture and the colours of the walls can all be entered in a room editor
- Luminaires can be easily entered via a data plug-in
- Graphical presentation of the results with user-definable parameters

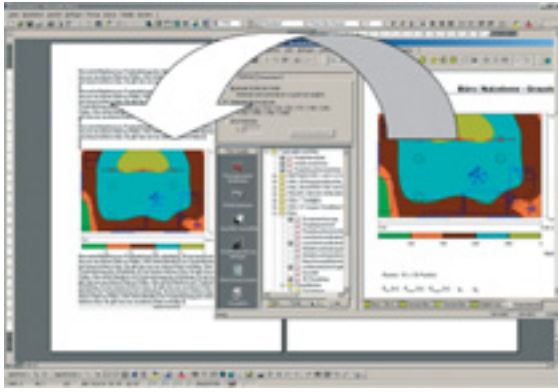
## Effective planning of indoor, outdoor and street lighting: DIALux 4.2

DIALux is constantly being developed. The latest version (Version 4.2 since April 2006) enables all the lighting planning activities for indoor, outdoor and street lighting to be quickly, easily and effectively completed. Simple yet thorough functionality and numerous “assistants” mean that even novice users are taken step by step through to the finished plan.

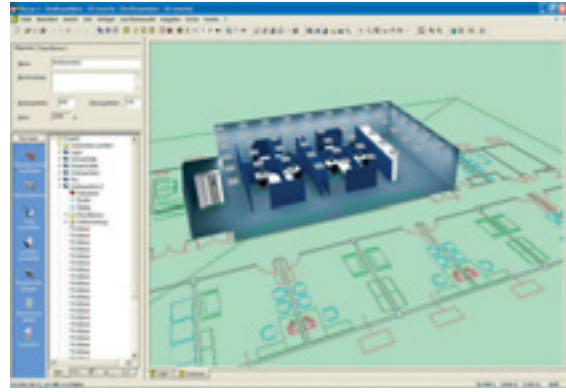


*Indoor, outdoor and street lighting*





*All the output from DIALux can be stored as PDF files or can be dragged and dropped into other applications.*



*DIALux 4.2 is well integrated in the building planning process. In addition to the STF interface developed by DIAL, which is supported by more than 20 CAD and electrical installation planning programs, comprehensive DXF data import and export functionality is available.*

### **Use of textures**

With DIALux 4.2 you can use textures to improve the graphics and produce more realistic views. These views can be taken from any camera position and stored as data in JPEG format.



### **Reflections and transparency**

To determine UGR (Unified Glare Rating) values for the lighting system, observers can be placed anywhere in the scene. UGR values can then be calculated for

specific plans in polygonal rooms with furniture. DIALux 4.2 offers full support for calculating in accordance with European standard EN 12464 – all the necessary calculation objects are available to you. DIALux 4.2 includes two independent calculation methods for radiosity and ray-tracing. With the aid of the ray-tracing tool you can create photo-realistic views of the lighting plans.



# A perfect team: lamps and luminaires from OSRAM.

To make the best possible use of the benefits of light sources, OSRAM develops luminaires that are perfectly matched to the light source integrated in them, whether LED, halogen or fluorescent. Light emitting diodes are being used more and more for illumination. OSTAR® High Power LED and GOLDEN DRAGON® LED combine outstanding optical properties with excellent luminous efficacy and long life.

The low profile of OSTAR® High Power LED, which is used for example in the LED TABLE STAR, enables luminaires to be made extremely compact but still functional.

Thanks to their low power requirements, GOLDEN DRAGON® LED are ideal for battery operated luminaires, such as the high-quality POWER DRAGON I torch and the compact POCKET DRAGON work or reading light, yet still provide a large amount of light.



*OSTAR® High Power LED*



*LED TABLE STAR*



*GOLDEN DRAGON®*



*POWER DRAGON I*



*Lamps and luminaires from OSRAM are perfectly matched, not just in their technology but also in their looks.*

Thanks to the low power consumption of the GOLDEN DRAGON® LED, the DRAGONSTAR® 500 is suitable for providing brilliant and effective lighting for homes and offices.

In the halogen lamp sector, HALOPIN® is the world's leading mains voltage lamp. With its compact design it forms the basis for a new range of small, stylish and versatile luminaires with total lighting comfort, such as the HALOPIN® CARRÉ, HALOPIN® RONDEL and the HALOPIN® TABLE JET.

Fluorescent lamps are the answer to a wide range of lighting needs. With its LUMILUX® T5, OSRAM leads the field. The classic SOFTLITE® EL for example is fitted with the high-intensity LUMILUX® T5 HO, while the economical LUMILUX® T5 HE is being used in new luminaires such as the LUMILUX DUO® T5 and the LUMILUX SPLIT®-HE.



*HALOPIN®*



*HALOPIN® CARRÉ*



*LUMILUX® T5*



*OSRAM SOFTLITE® EL*

# Really comfortable: electronic control gear.

The use of magnetic ballasts with moderate losses (Class C) has been banned in the EU since November 21, 2005. But this is not the only reason why the majority of OSRAM luminaires are fitted with electronic control gear as standard. ECG offer several advantages. For example, lamps can be operated with much greater energy efficiency. ECG take care of silent flicker-free operation. When the lamp comes to the end of its life or develops a defect the automatic shutdown function provides a much higher level of safety.

## **What makes electronic control gear from OSRAM so reliable?**

Electronic control gear from OSRAM must meet certain basic criteria in terms of quality and reliability. It must be perfectly matched to the particular lamp and have a long life. It also meets the highest requirements of electro-magnetic compatibility – with good radio interference suppression and low mains voltage harmonics. With low power loss and low self-heating (< 30°C), OSRAM electronic control gear has a high level of efficiency across a wide range of temperatures.

OSRAM ECG are also capable of handling voltages above the specified voltage range and will remain operational even in the event of a sudden break in the neutral conductor, overvoltage or lightning strike. In an emergency they can be operated on dc current. They have high-quality filament preheating circuits and are therefore suitable for applications with frequent on/off switching (this does not apply to cold-start units).

## **How to identify OSRAM luminaires with ECG**

All the luminaires in this catalogue that are equipped with electronic control gear are identified by the label “electronic comfort light”. The label for halogen luminaires with HALOTRONIC® is:



The label for luminaires with fluorescent or compact fluorescent lamps and QUICKTRONIC® is:





LUMINESTRA® EL



LUMILUX® COMBI EL



ECOPACK®



ECOPACK®-FH



ECOPACK®-FQ

**A systematic approach to lighting comfort:**

**LUMINESTRA® EL**

The compact LUMINESTRA® EL furniture luminaire is equipped with modern electronic control gear from OSRAM. In conjunction with the high-quality T5 fluorescent lamp from OSRAM, LUMINESTRA® EL produces more light, achieves higher levels of lighting comfort and offers greater economy than conventional batten luminaires with conventional control gear.

**ECG for brilliance:**

**LUMILUX® COMBI EL**

The classic general-purpose luminaire LUMILUX® COMBI EL is also equipped with electronic control gear. LUMILUX® COMBI EL is therefore in keeping with OSRAM's philosophy of switching to electronic control, particularly for product families with wide-ranging applications.

**The OSRAM ECOPACK® family of luminaires**

The various members of the ECOPACK® family of luminaires cover a wide range of applications. The low-cost ECOPACK® T8 is ideal for non-prestige rooms or for use behind panels. Any light colour can be selected as this luminaire is supplied without a lamp. By equipping the ECOPACK® luminaires with electronic control gear they have all the benefits of comfort, safety and reliability, which is why they are often used on commercial premises.



# DIM salabim: dimmable batten luminaires

With dimmable lighting systems you can reduce your lighting costs, improve lighting comfort and create individual lighting scenarios. Modern dimmable ECGs with 1-10 V interfaces, such as QUICKTRONIC® DIMMABLE from OSRAM – in combination with the appropriate controllers and sensors – provide the basis for simple and cost-effective systems. The systems are characterised by the type of controller: automatic, manual or complex.

## Automatic controllers

Automatic controllers with daylight sensors such as DIM PICO and DIM MICO offer energy savings of up to 60%. These controllers regulate the artificial lighting on the basis of the amount of available daylight (constant lighting control). With combined daylight and motion sensors

such as the DIM MULTI, energy savings of 70% and more can be achieved. In this case, in addition to constant lighting control during normal operation the entire system is only activated if there is someone in the detection zone of the motion sensor. It is then deactivated again if no movement is detected within a certain amount of time.

## Manual controllers

Manual controllers in combination with sensor controllers using switches and remote control units, for example, offer a high degree of flexibility and can be adapted to the specific needs of the user. The DIM MULTI 3 lighting control unit enables different 1-10 V signals to be processed, with the manual components being used to set the lighting level of the automatic controller. These settings can be changed at any time.



OSRAM  
SOFTLITE® DIM



LUMILUX® DUO  
DIM-F/R



LUMILUX® DUO  
DIM-F/P



ECOPACK®-DIM

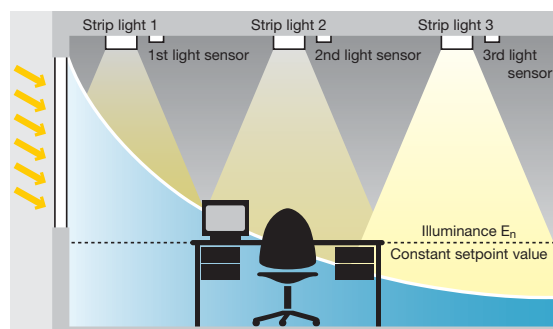


ECOPACK®-FH DIM



ECOPACK®-FQ DIM

*Obviously, the further into the centre of a room you go, the less daylight is available. For this reason, as in this example, each of the three lighting strips on the ceiling is controlled by its own sensor. This arrangement achieves maximum energy savings since each of the strips benefits from constant lighting control.*



### Complex controllers

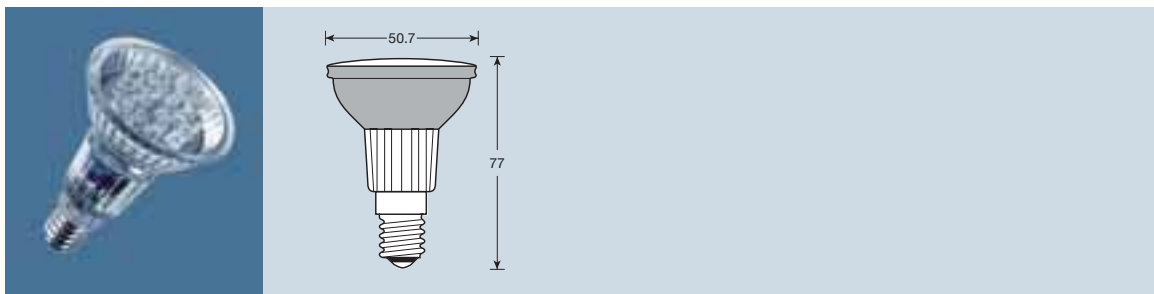
Maximum flexibility can be achieved by using DALI components as part of an OSRAM lighting management system (LMS). The fact that luminaires can be individually addressed, assigned to groups and combined with automatic and manual components means that scene-based lighting management is possible. Once the system has been programmed the right lighting is always available in rooms where lighting requirements are frequently changing, such as conference rooms where speakers alternate between beamers and flip charts. The DALI BASIC lighting management system from OSRAM is characterised by its ease of use and enables energy-saving daylight and presence-dependent lighting control to be set up. The DALI ADVANCED system is an intelligent combination of radio controls and a freely programmable central unit with a DALI interface. The control unit is operated by radio signals. The DALI ADVANCED system is perfect for upgrading existing systems in offices or exhibition rooms.

With the ECOPACK®-FH DALI, OSRAM has launched its first family of luminaires for use in complex control systems. In addition to the usual benefits of ECG operation such as electrode heating and cut-off technology, this family of luminaires can be equipped with the LUMILUX® T5 HO lamp thanks to the QT<sub>i</sub> DALI unit (operated in this case without a prismatic cover). ECOPACK®-FH DALI RC is equipped with the TOUCH DIM RC radio receiver. In combination with the TOUCH DIM WCU radio switch, there is no need to lay a control line from the light switch to this luminaire.

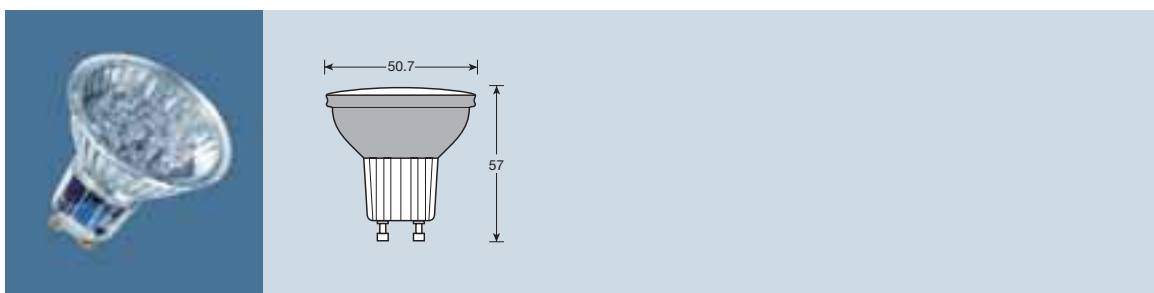


ECOPACK®-FH DALI

## DECOSPOT® LED



Product reference	Product number	COLOR	W	V	Hz	cd					
<b>DECOSPOT® LED PAR 16 E14</b>											
80001	4008321905550	cc	0.6-0.7	230	50	8.3-35	E14	12	77	50.7	6x1
80002	4008321905635	white	0.8	230	50	180	E14	20	77	50.7	6x1
80003	4008321905529	red	0.7	230	50	65	E14	12	77	50.7	6x1
80004	4008321905536	green	0.8	230	50	325	E14	12	77	50.7	6x1
80005	4008321905543	blue	0.8	230	50	85	E14	12	77	50.7	6x1



Product reference	Product number	COLOR	W	V	Hz	cd					
<b>DECOSPOT® LED PAR 16 GU10</b>											
80011	4008321905598	cc	0.6-0.7	230	50	8.3-35	GU10	12	57	50.7	6x1
80012	4008321905642	white	0.8	230	50	180	GU10	20	57	50.7	6x1
80013	4008321905567	red	0.7	230	50	65	GU10	12	57	50.7	6x1
80014	4008321905574	green	0.8	230	50	325	GU10	12	57	50.7	6x1
80015	4008321905581	blue	0.8	230	50	85	GU10	12	57	50.7	6x1

### Description and features

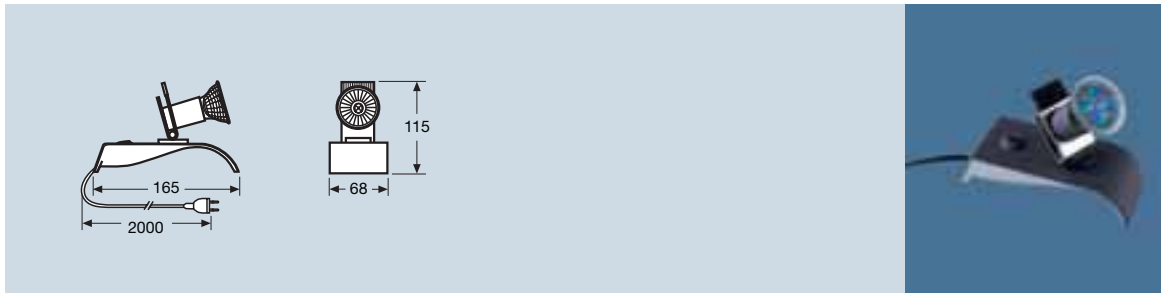
DECOSPOT® LED provides colour for individual lighting design. It's as easy as changing a light bulb. These new lamps will fit in all standard fixtures with E14 or GU10 holders. Homes, offices and shops can be given a fresh new look with dashes of colour from elegant and modern DECOSPOT® LED fixtures. There is a choice of white, red, green and blue. For special effects, use DECOSPOT® LED colour-changing, which automatically changes from one colour to the next. Thanks to its particularly low energy consumption DECOSPOT® LED is perfect for constant economical lighting.

- Efficient generation of coloured light
- Low energy consumption
- Long life
- Enhanced safety thanks to double insulation

### Technical data and equipment

- Equipped with 18 LEDs (different colours)
- Available for E14 or GU10 bases
- **CE**





Product reference	Product number	COLOR	V	Hz	l [mm]	b [mm]	h [mm]	
<b>MOODSPOT® LED</b>								
80010-10	4008321105974	black	230	50	165	68	115	4x1

**Description and features**

MOODSPOT® LED is ready for use and is equipped with a DECOSPOT® LED changing-changing lamp, but is also suitable for the other DECOSPOT® LEDs with GU10 bases. This elegant fixture will enhance any home, office or shop with its special accent lighting. Sculptures and shop windows attract more attention as the mood of the display changes with each new colour. The low thermal output in the light beam and the absence of IR and UV radiation makes this luminaire ideal for spotlighting sensitive objects.

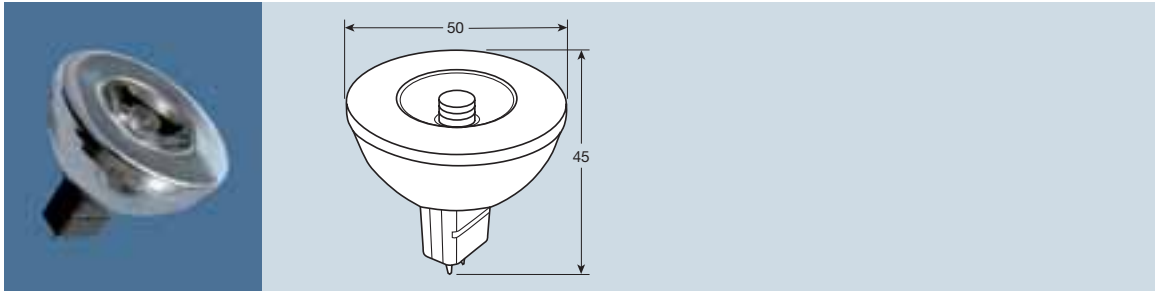
- Luminaire head rotates through 270° and swivels through 90°
- Ready to install with 2 m of cable and plug
- Integrated switch




**Technical data and equipment**

- Equipped with DECOSPOT® LED changing-changing lamp (80011)
- 



# DRAGONSTAR®



Product reference	Product number	COLOR	W	V	Hz	cd			
<b>DRAGONSTAR® 500 GU5.3</b>									
80022-30	4008321908322	white	2.8	12	50	869	GU5.3	6	6x1
80022-35	4008321908339	white	2.8	12	50	955	GU5.3	6	6x1
80024	4008321908346	green	2.8	12	50	1037	GU5.3	6	6x1
80025	4008321908353	blue	2.8	12	50	303	GU5.3	6	6x1
80026	4008321133250	orange	1.5	12	50	1500	GU5.3	6	6x1
80027	4008321133281	red	1.5	12	50	1800	GU5.3	6	6x1

## Description and features

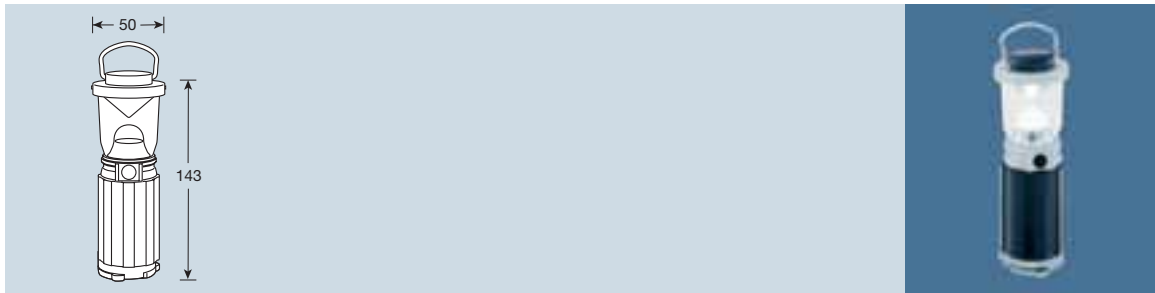
DRAGONSTAR® retrofit lamps with their GU5.3 bases will fit wherever only an OSRAM DECOSTAR® 51 can normally be used. DRAGONSTAR® has a lower power consumption and much longer life than halogen lamps. DRAGONSTAR® is therefore a particularly efficient way of producing brilliant coloured light.


- High-intensity LED retrofit lamp
- Efficient generation of coloured light
- Low energy consumption
- Long life

## Technical data and equipment

- Equipped with OSRAM GOLDEN DRAGON® (different colours)
- Constant control current of 500 mA
- **CE**





Product reference	Product number	COLOR	l [mm]	d [mm]	
<b>CAMPING LED</b>					
46473	4050300884943	silver/blue	143	50	6x1

### Description and features

CAMPING LED is an extremely economical compact camping lantern with a super bright OSRAM GOLDEN DRAGON® LED. On new batteries this provides 30,000 mLumen and takes very little power. The lantern has a two-stage dimmer switch. In its dimmed state the lantern provides adequate in dark surroundings and extends the life of the batteries.

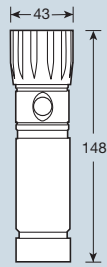
- Camping lantern with super bright OSRAM GOLDEN DRAGON® LED
- 2 brightness levels: 100%, 25%
- Extremely long battery life: up to 100 hours on the dimmed setting
- Extendable foot for stability
- Complete with hanger


### Technical data and equipment

- Equipped with OSRAM GOLDEN DRAGON® LED
- Batteries required: 4 x 1.5 V LR 6 AA
- **CE**

# POWER DRAGON I<sup>1)</sup>

## POCKET DRAGON<sup>1)</sup>



Product reference	Product number	COLOR	l [mm]	d [mm]	
<b>POWER DRAGON I</b>					
46454-01	4008321111500	titanium	148	43	6x1

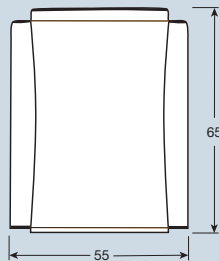
### Description and features


POWER DRAGON I is a high-quality torch with a milled aluminium casing with a titanium look. With its innovative high-power OSRAM GOLDEN DRAGON® LED 1 W this torch produces bright light at 30,000 mLumen at very low power consumption.

- High-quality aluminium casing with the look of titanium
- Milled surface for a sure grip
- Complete with practical pouch
- Battery life of approx. 15 hours

### Technical data and equipment

- Equipped with OSRAM GOLDEN DRAGON® LED 1 W
- Batteries required: 3 x 1.5 V LR 6 AA
- **CE**



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	
<b>POCKET DRAGON</b>						
46453-01	4008321909015	silver/blue	65	55	18	6x1

### Description and features

POCKET DRAGON is a mini work and reading light with a high-grade plastic casing. Its cover allows the high-power OSRAM GOLDEN DRAGON® LED 1 W to produce diffused light.

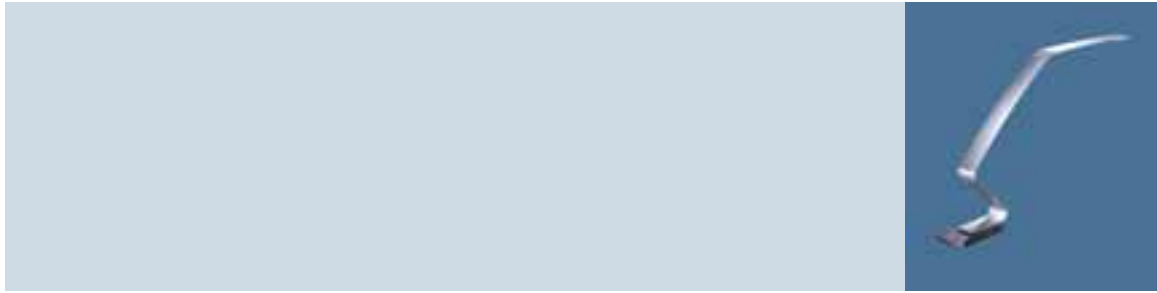
- High-grade plastic casing
- Useful clip
- Separate switch for choice of two brightness settings

### Technical data and equipment

- Equipped with OSRAM GOLDEN DRAGON® LED 1 W
- Batteries required: 3 x 1.5 V LR 3 AAA
- **CE**



## LED TABLE STAR<sup>1)</sup> LED MOOD STONE<sup>®1)</sup>



Product reference	Product number	COLOR	W	V	Hz	
<b>LED TABLE STAR</b>						
80201	4008321908506	silver	8	230	50	2x1

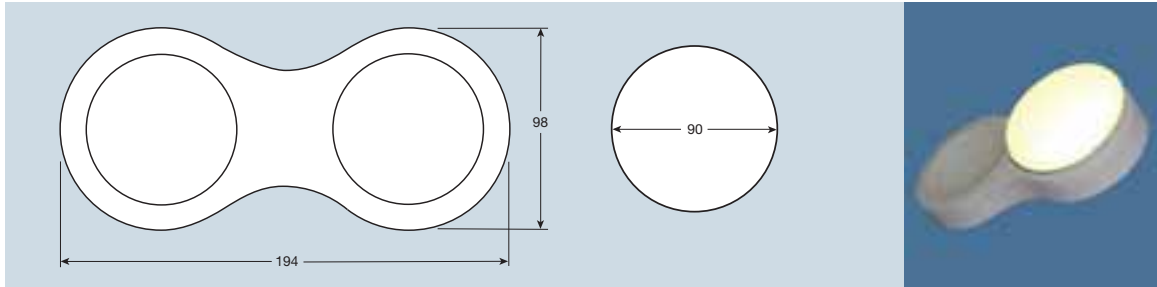
### Description and features

LED TABLE STAR is a powerful and innovative table light with high-power LED technology. The luminaire head has a completely new design thanks to LED technology because the small depth of the LED means that the entire unit can be miniaturised.

- Unmistakable functional design
- Arm made from anodised aluminium
- Uniform illumination
- Low-profile base
- Ready to install with 2 m of transparent cable and plug

### Technical data and equipment

- Equipped with OSTAR<sup>®</sup> High Power LED
- 



Product reference	Product number	COLOR	V	Hz	d [mm]	h [mm]	
<b>LED MOOD STONE<sup>®</sup></b>							
46444	4008321909046	light grey	230	50	90	40	4x1

### Description and features

LED MOOD STONE<sup>®</sup> provides a cosy atmosphere wherever it is needed. Preset colours and automatic mode can be selected on both lights. The lights are charged at a charging station and will then provide gentle illumination for several hours away from a mains power supply.

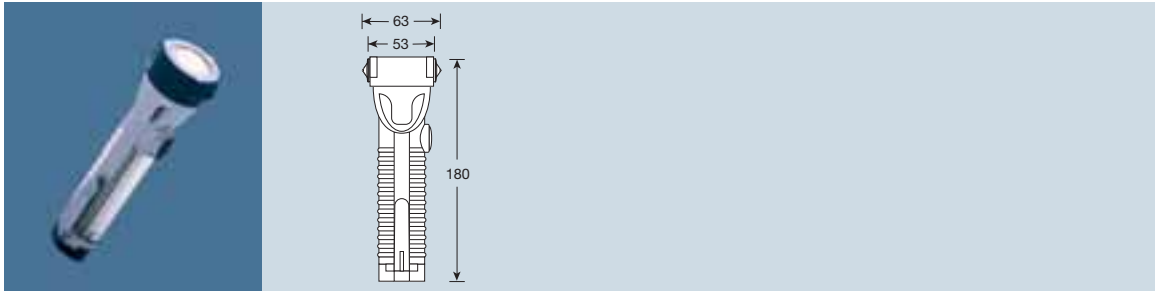
- Preset colours can be selected with a switch
- All colours can be dimmed
- Automatic mode smoothly sequences the preset colours
- Complete with charging station


### Technical data and equipment

- Equipped with OSRAM 6-lead MULTILED<sup>®</sup>
- Operated on 4-pack 4.8 V NiMH rechargeable battery
- Charging station

1) In preparation  
2) Applied for

# LED SAVER LIGHT



Product reference	Product number	COLOR	l [mm]	d [mm]	
<b>LED SAVER LIGHT</b>					
46474	4050300884882	silver/blue	180	53	6x1

## Description and features

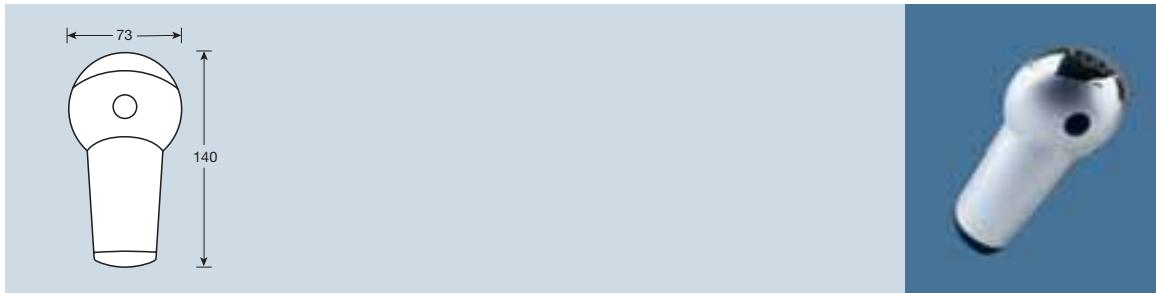
LED SAVER LIGHT is a torch with a bright MINIWATT® KRYPTON lamp. It also offers numerous safety features. 12 flashing red LEDs in the handle act as a warning light. Three magnets enable the torch to be attached firmly to metal surfaces. Integrated spikes are provided so the torch can be used as an emergency hammer and razor-sharp blades, well protected from accidental contact, will slice through seat belts. These features make the LED SAVER LIGHT perfect for the car.


- 12 flashing red LEDs in the handle as a warning light
- 3 magnets for attaching to metal surfaces
- Emergency hammer for breaking windscreens
- Emergency seat belt cutter
- Complete with useful holder: Can be mounted with bolts, pins or hook and loop (Velcro style) tape

## Technical data and equipment

- Equipped with MINIWATT® KRYPTON 2127 lamp
- Rating: 2.4 V/0.7 A
- Equipped with 12 red LEDs
- Batteries required: 2 x 1.5 V LR 6 AA
- **CE**

# DYNAMO LED LED HEADLAMP



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	
<b>DYNAMO LED</b>						
46443-01	4008321042927	silver/blue	140	73	48	6x1

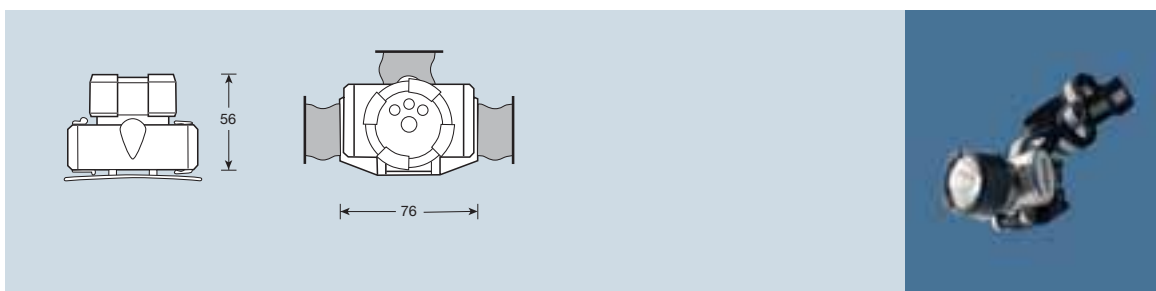
## Description and features


The DYNAMO LED is a torch with three bright white LEDs and 2 brightness levels (1 or 3 LEDs). The high-quality lithium-ion battery is recharged by winding the handle on the torch. 1 minute of winding will provide up to 30 minutes of light from one LED or up to 10 minutes of light from three LEDs.

- 2 brightness levels: 1 or 3 LEDs
- Winder for recharging the battery
- 1 minute of charging provides up to 30 minutes of light

## Technical data and equipment

- 3 bright white LEDs
- High-quality lithium-ion battery
- **CE**



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	
<b>LED HEADLAMP (Blister)</b>						
46452-01	4008321047106	grey/black	66	76	56	6x1

## Description and features

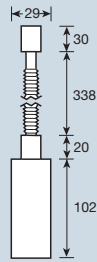
LED HEADLAMP is a headlamp with three bright white LEDs and one high-intensity MINIWATT® XENON lamp. 1 to 3 LEDs or the focusable XENON lamp can be selected. For one LED the battery life is up to 80 hours. The reflective double strap offers extra safety and a good fit.

- 4 levels: 1 to 3 LEDs or the XENON lamp
- The XENON lamp can be focused with the aid of a lever
- Adjustable head
- Reflective double strap
- Mounting plate for a secure fit

## Technical data and equipment

- Equipped with MINIWATT® XENON 64095 lamp
- Rating: 4.0 V/0.6 A
- 3 bright white LEDs
- Batteries required: 3 x 1.5 V LR 3 AAA
- **CE**

# LED WORKLIGHT LED MULTIFUNCTION



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	d [mm]	
<b>LED WORKLIGHT (Blister)</b>							
46449-01	4008321070302	silver/black	490	-	-	29	6x1

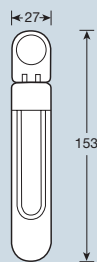
### Description and features

LED WORKLIGHT is a useful work light with a flexible metal arm and one bright white LED. The strong magnet on the handle can be used to attach the light to metal surfaces. A magnet on the head can be used to pick up small metal objects in dark inaccessible places.

- Practical work light with flexible metal arm
- Strong magnet on the handle
- Small magnet on the head

### Technical data and equipment

- Bright white LED
- Batteries required: 3 x 1.5 V LR 3 AAA
- 



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	d [mm]	
<b>LED MULTIFUNCTION (Blister)</b>							
46482-01	4008321040237	silver/blue	153	27	15	-	6x1

### Description and features

LED MULTIFUNCTION is a versatile LED torch with a practical clip. The extendible flexible arm and the adjustable head enable the light to be directed wherever you like, making this perfect as a reading light.

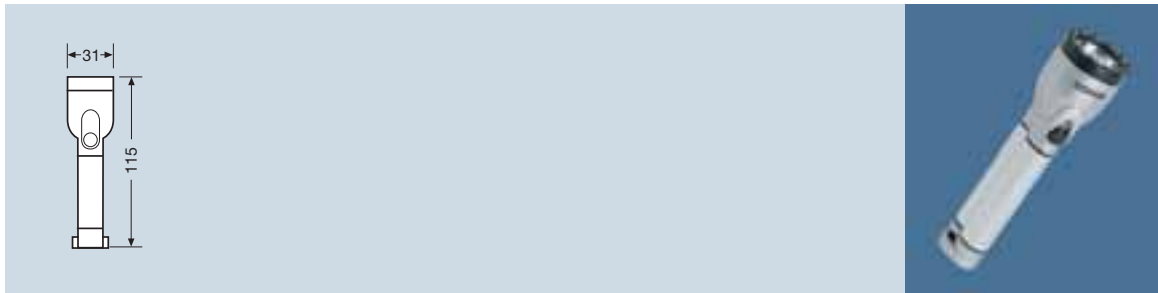
- Extendible flexible arm
- Adjustable head
- Button cell batteries included

### Technical data and equipment

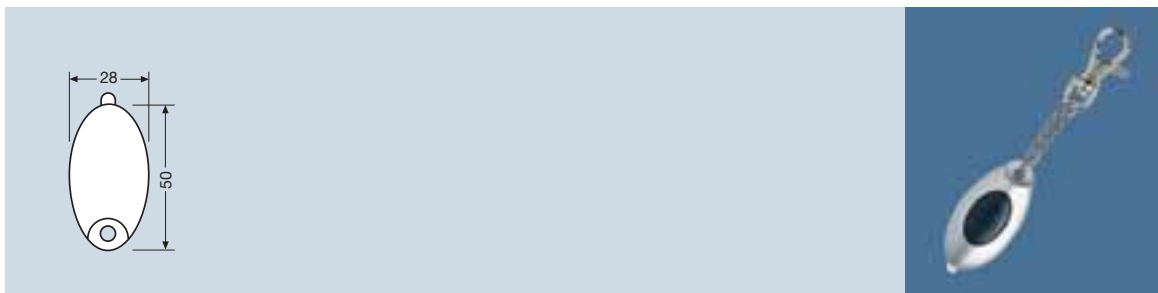
- Bright white LED
- Button cells: 2 x CR 2016
-



## LED TRACER LED KEY CHAIN



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	d [mm]	
<b>LED TRACER (Blister)</b>							
46446-01	4050300778006	silver/blue	115	-	-	31	6x1



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	d [mm]	
<b>LED KEY CHAIN (Blister)</b>							
46447-01	4050300777979	silver/blue	50	26	14	-	6x1

### Description and features

LED products from OSRAM are characterised by their attractive design and advanced technology. The low power consumption of the LEDs used means that battery life is very long indeed. The LEDs themselves will last an extremely long time in normal use.

#### LED TRACER

- Point light source with lens attachment
- Loop for keyring

#### LED KEY CHAIN

- Short chain and karabiner to take keys
- Button cell batteries included

### Technical data and equipment

- 

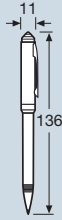
#### LED TRACER

- Bright white LED
- Batteries required: 2 x 1.5 V LR 3 AAA

#### LED KEY CHAIN

- Bright white LED
- Button cells: 2 x 3 V CR 2025

## LED LITE + WRITE LED PEN FLUO™



**Product reference**

**Product number**

COLOR

l [mm]

d [mm]



### LED LITE + WRITE (Blister)

46448-01

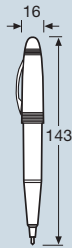
4050300789576

silver

136

11

6x1



**Product reference**

**Product number**

COLOR

l [mm]

d [mm]



### LED PEN FLUO™ (Blister)

46445-01

4050300946115

silver

143

16

6x1

#### Description and features

LED products from OSRAM are characterised by their attractive design and advanced technology. The low power consumption of the LEDs used means that battery life is very long indeed. The LEDs themselves will last an extremely long time in normal use.

- Button cell batteries included

#### LED LITE + WRITE

- High-quality metal casing
- Ballpoint pen with integrated LED

#### LED PEN FLUO™

- A blue LED illuminates the transparent body of the pen so you can still write in pitch darkness
- Unscrew the middle section to reveal a mini LED torch

#### Technical data and equipment

- CE

#### LED LITE + WRITE

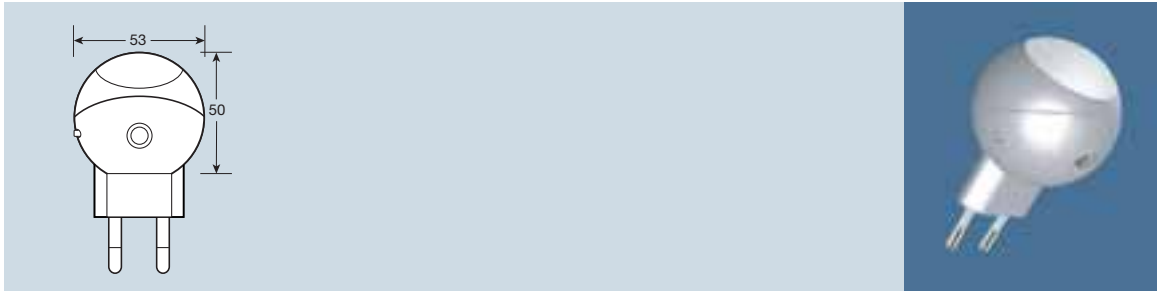
- White LED at the head end
- Button cells: 4 x LR 41

#### LED PEN FLUO™

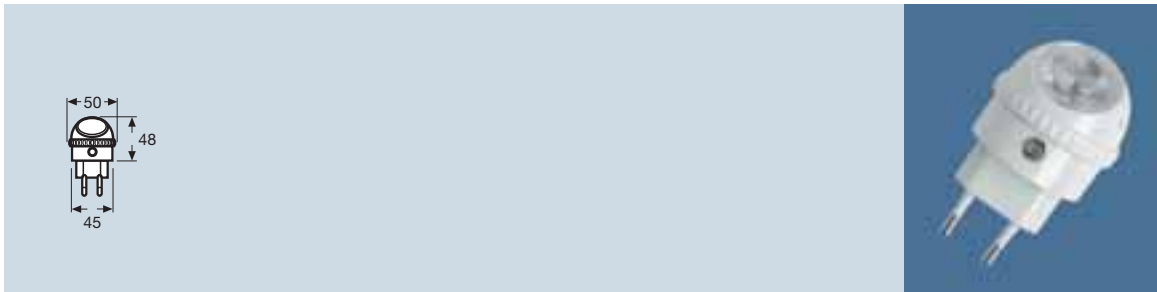
- Blue LED
- Button cells: 3 x LR 44



# LUNETTA® LED COLORMIX, LUNETTA® LED



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	
<b>LUNETTA® LED COLORMIX</b>								
47010	4008321053855	silver	0.9	220-240	50-60	86	53	10x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	
<b>LUNETTA® LED</b>								
47000-01	4050300952505	white	0.4	220-250	50-60	48	45	20x1

## Description and features

LUNETTA® LED COLORMIX and LUNETTA® LED are orientation lights complete with plugs. The integrated sensor controls the luminaire according to the amount of available ambient light. The head rotates through 360° so the light can be directed where it is needed. The prismatic cover ensures the light is distributed evenly.

- Brightness sensor for automatic operation
- Rotary head (360°)
- Prismatic cover to distribute the light evenly

## LUNETTA® LED COLORMIX

- Casing-mounted switch for selecting preset colours
- Automatic mode smoothly sequences the preset colours

## Technical data and equipment

- <sup>1)</sup>

## LUNETTA® LED COLORMIX

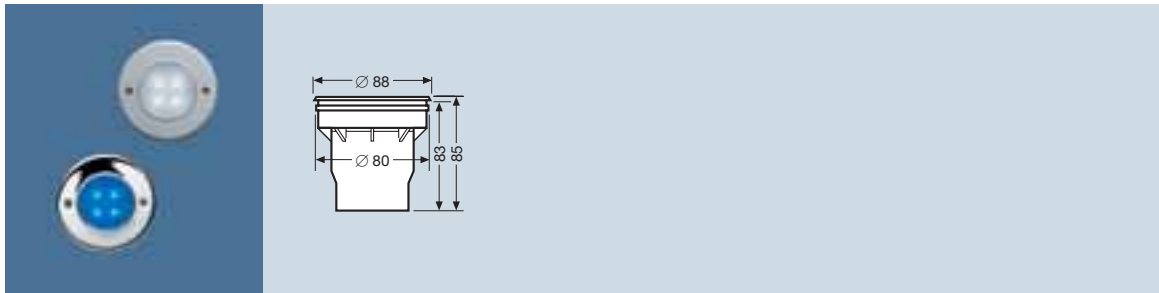
- Colour-changing LED

## LUNETTA® LED

- Yellow LED (578 nm)



1) Application submitted for LUNETTA® LED COLORMIX



Product reference	Product number	COLOR	W	V	l [mm]	d [mm]	
<b>AQUALED® white</b>							
47005-70	40503001 <b>60580</b>	Granite	0.4	10	84	88	4x1
47005-71	40503001 <b>60603</b>	Chrome	0.4	10	84	88	4x1
47005-74	4008321 <b>100276</b>	Stainless steel	0.4	10	84	88	4x1
<b>AQUALED® blue</b>							
47005-72	40503001 <b>60566</b>	Granite	0.5	10	84	88	4x1
47005-73	40503001 <b>60627</b>	Chrome	0.5	10	84	88	4x1
47005-75	4008321 <b>100290</b>	Stainless steel	0.5	10	84	88	4x1

**Description and features**

AQUALED® is a floor-mounted luminaire for decoration and orientation, operated on OSRAM OPTOTRONIC® control gear.

- Floor-mounted luminaire for decoration and orientation with four white or blue LEDs
- Fixing ring in chrome, granite look or stainless steel
- The chrome and granite versions are not suitable for use in corrosive media (e.g. salt water)
- Matt cover
- Operated on OSRAM OPTOTRONIC® 6 W or 12 W
- Maximum of 24 AQUALED® units or 8 m power cable

**Technical data and equipment**

- IP68

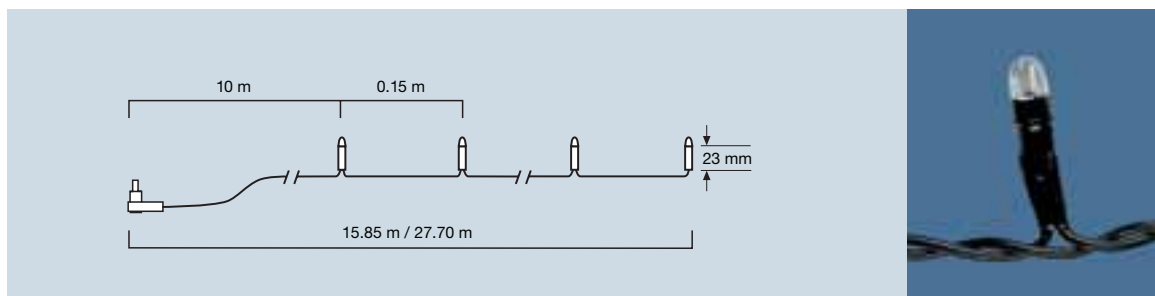
AQUALED® white

- Equipped with BACKlight OS-LM03A-W1

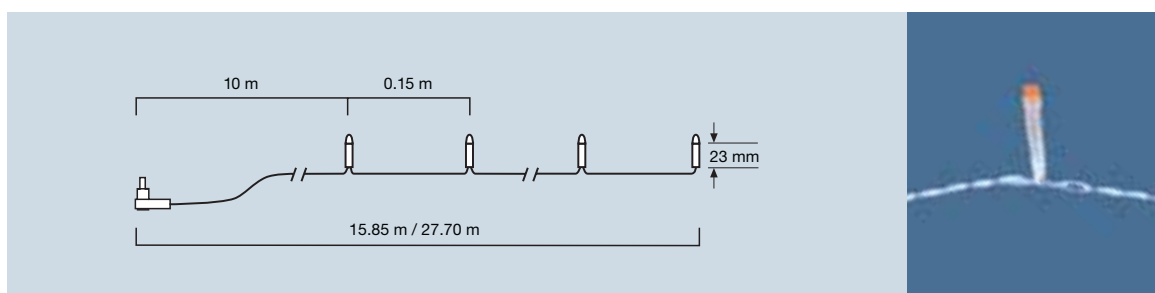
AQUALED® blue

- Equipped with BACKlight OS-LM03A-B1





Product reference	Product number	W	COLOR	V	Hz	l [m]	
<b>LED garland CW</b>							
LK 40 LED CW	4050300824062	6	black	230	50	15.85	6x1
LK 80 LED CW	4050300824086	10.5	black	230	50	21.85	6x1
<b>LED garland WW</b>							
LK 40 LED WW	4008321060907	6	black	230	50	15.85	6x1
LK 80 LED WW	4008321060921	10.5	black	230	50	21.85	6x1
LK 120 LED WW	4008321070937	21	black	230	50	27.70	4x1



Product reference	Product number	W	COLOR	V	Hz	l [m]	
<b>LED garland COLOR CHANGE</b>							
LK 40 LED CC	4008321088413	6	transparent	230	50	15.85	6x1
LK 80 LED CC	4008321088437	10.5	transparent	230	50	21.85	6x1

## Description and features

The LED garlands are available in two different white tones and with RGB LEDs. The variants with cold white LEDs (LK 40 / 80 CW) are intended primarily for use outdoors. The warm white LEDs (LK 40 / 80 / 120 WW) are suitable for indoor applications; they can also be used outdoors. Garlands with colour-changing LEDs (LK 40 / 80 CC) will brighten up any party – inside or outside.

- 10 m cable, LED spacing 0.15 m
- Complete with 10 m cable and mains transformer
- 24 V transformer

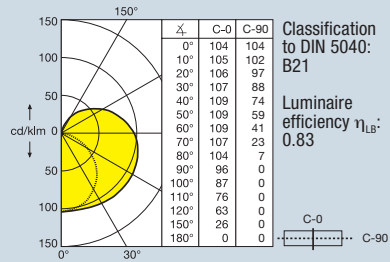
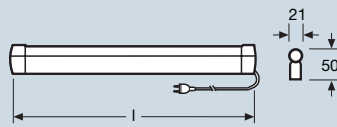
## Technical data and equipment

- IP44
- Equipped with LEDs
- CW and WW: white flicker-free LEDs
- CW: 7500 K
- WW: 4000 K
- CC: RGB LEDs

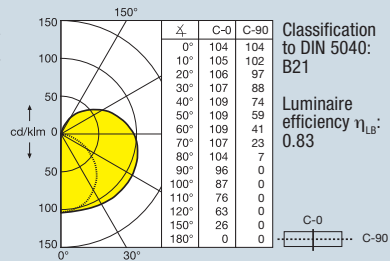
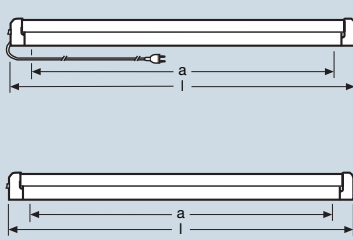
# LUMILUX® COMBI EL-N LUMILUX® COMBI EL-F

electronic  
comfort light

Quick start  
Flicker free  
Energy saving  
Longer lamp life



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI EL</b>										
72032	4050300824765	white	8	230-240	50-60	321	21	50	200	4x1
72037	4050300824819	white	13	230-240	50-60	549	21	50	429	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI EL-N</b>										
72006	4050300003443	white	10	230-240	50-60	501	30	50	300	4x1
72011	4050300003474	white	18	230-240	50-60	621	30	50	420	4x1
72016	4050300002163	white	30	230-240	50-60	926	30	50	725	4x1
72021	4050300003511	white	36	230-240	50-60	1231	30	50	1030	4x1
72026	4050300986517	white	58	230-240	50-60	1531	30	50	1330	4x1
<b>LUMILUX® COMBI EL-F</b>										
72106	4050300003542	white	10	230-240	50-60	501	30	50	300	4x1
72111	4050300003573	white	18	230-240	50-60	621	30	50	420	4x1
72116	4050300003597	white	30	230-240	50-60	926	30	50	725	4x1
72121	4050300003634	white	36	230-240	50-60	1231	30	50	1030	4x1
72126	4050300005195	white	58	230-240	50-60	1531	30	50	1330	4x1

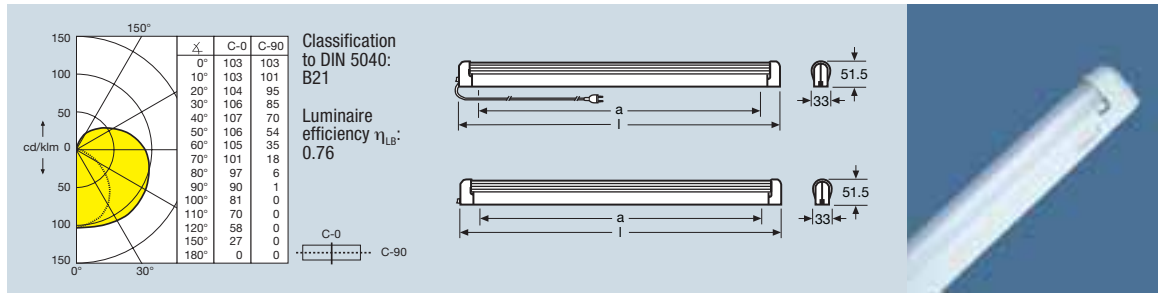
## Description and features

LUMILUX® COMBI EL is a general-purpose batten luminaire with all the benefits of electronic operation and a free-burning lamp for maximum luminous flux.

- N version
- Ready to install with 2 m of cable and plug
- F version for fixed connection, with central, asymmetrical and side cable insertion
- Integrated switch

## Technical data and equipment

- Equipped with LUMILUX® 41-827 lamp
- CE IP20



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI EL-N/P</b>										
72206	4050300346540	white	10	230-240	50-60	501	33	52	300	4x1
72211	4050300346625	white	18	230-240	50-60	621	33	52	420	4x1
72216	4050300346663	white	30	230-240	50-60	926	33	52	725	4x1
72221	4050300346861	white	36	230-240	50-60	1231	33	52	1030	4x1
72226	4050300346946	white	58	230-240	50-60	1531	33	52	1330	4x1
72206	4050300346564	black	10	230-240	50-60	501	33	52	300	4x1
72211	4050300346649	black	18	230-240	50-60	621	33	52	420	4x1
72216	4050300346687	black	30	230-240	50-60	926	33	52	725	4x1
72221	4050300346885	black	36	230-240	50-60	1231	33	52	1030	4x1
72226	4050300346960	black	58	230-240	50-60	1531	33	52	1330	4x1
<b>LUMILUX® COMBI EL-F/P</b>										
72306	4050300346502	white	10	230-240	50-60	501	33	52	300	4x1
72311	4050300346588	white	18	230-240	50-60	621	33	52	420	4x1
72316	4050300346700	white	30	230-240	50-60	926	33	52	725	4x1
72321	4050300346908	white	36	230-240	50-60	1231	33	52	1030	4x1
72326	4050300346984	white	58	230-240	50-60	1531	33	52	1330	4x1
72306	4050300346526	black	10	230-240	50-60	501	33	52	300	4x1
72311	4050300346601	black	18	230-240	50-60	621	33	52	420	4x1
72316	4050300346724	black	30	230-240	50-60	926	33	52	725	4x1
72321	4050300346922	black	36	230-240	50-60	1231	33	52	1030	4x1
72326	4050300347004	black	58	230-240	50-60	1531	33	52	1330	4x1

**Description and features**

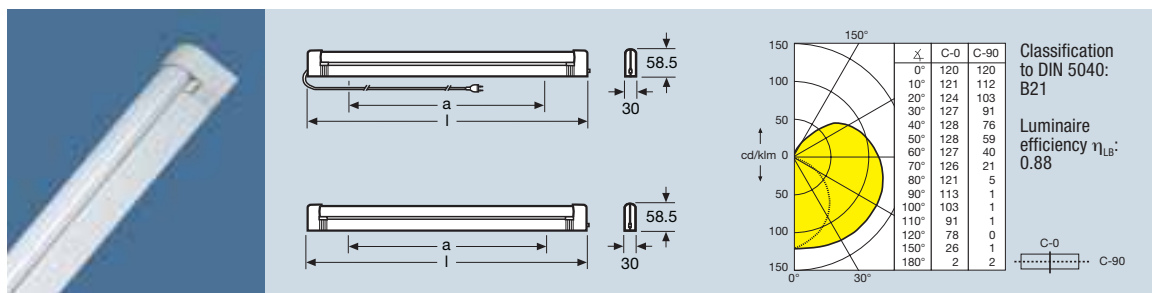
With their attractive prismatic lamp covers, the LUMILUX® COMBI EL-N/P and -F/P luminaires provide pleasant glare-free light.


- Slim design, general-purpose batten luminaire
- With prismatic lamp cover for glare-free light
- N version
- Ready to install with 2 m of cable and plug
- F version for fixed connection, with central, asymmetrical and side cable penetration
- Integrated switch

**Technical data and equipment**

- Equipped with LUMILUX® 41-827 lamp
- 





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI-N</b>										
72051	4050300 <b>298474</b>	white	18	230-240	50-60	618	30	59	400	4x1
72052	4050300 <b>298498</b>	white	30	230-240	50-60	924	30	59	705	4x1
72053	4050300 <b>298511</b>	white	36	230-240	50-60	1228	30	59	1010	4x1
<b>LUMILUX® COMBI-F</b>										
72151	4050300 <b>298535</b>	white	18	230-240	50-60	618	30	59	400	4x1
72152	4050300 <b>298559</b>	white	30	230-240	50-60	924	30	59	705	4x1
72153	4050300 <b>298573</b>	white	36	230-240	50-60	1228	30	59	1010	4x1
72154	4050300 <b>328874</b>	white	58	230-240	50-60	1528	30	59	1310	4x1

**Description and features**

The LUMILUX® COMBI *electronic* general-purpose luminaire is equipped with high-quality QUICKTRONIC® electronic control gear.

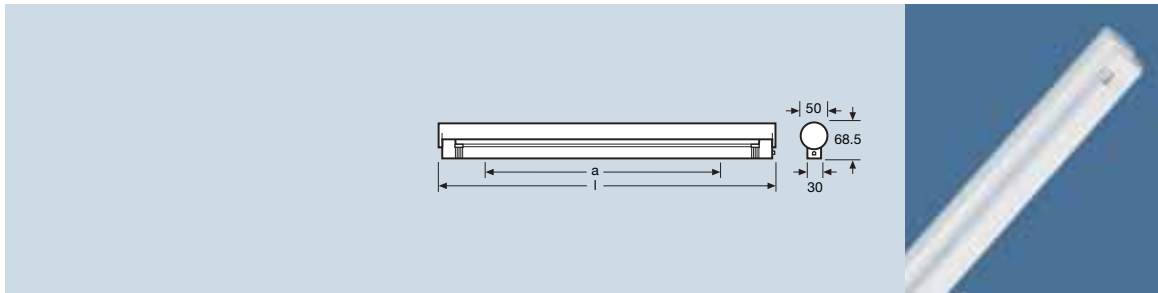
- Slim design, general-purpose batten luminaire
- Free-burning lamp for maximum luminous flux
- N version ready to install with 2 m of cable and plug
- F version for fixed connection

**Technical data and equipment**

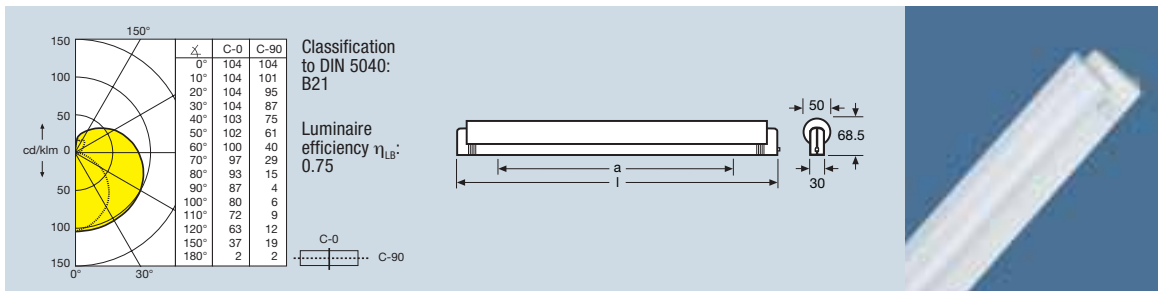
- Equipped with LUMILUX® 41-827 lamp
-     







Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI-F/B</b>										
72151-45	4050300 <b>298597</b>	white	18	230-240	50-60	630	50	69	400	4x1
72152-45	4050300 <b>298610</b>	white	30	230-240	50-60	935	50	69	705	4x1
72153-45	4050300 <b>298634</b>	white	36	230-240	50-60	1240	50	69	1010	4x1
72154-45	4050300 <b>328911</b>	white	58	230-240	50-60	1540	50	69	1310	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® COMBI-F/D</b>										
72151-44	4050300 <b>299273</b>	white	18	230-240	50-60	618	50	69	400	4x1
72152-44	4050300 <b>299297</b>	white	30	230-240	50-60	924	50	69	705	4x1
72153-44	4050300 <b>299310</b>	white	36	230-240	50-60	1228	50	69	1010	4x1
72154-44	4050300 <b>328898</b>	white	58	230-240	50-60	1528	50	69	1310	4x1

### Description and features

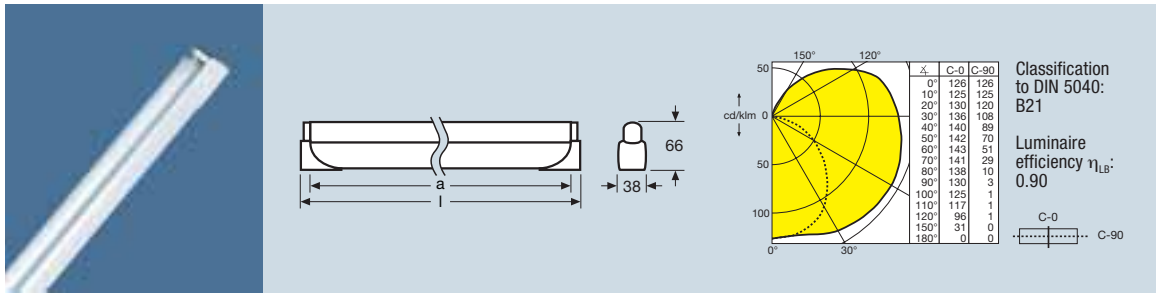
The elegant LUMILUX® COMBI-F/B and -F/D *electronic* batten luminaires offer greater lighting comfort thanks to a rotary shade and attractive diffuser.


- Stylish wall and mirror luminaire
- With QUICKTRONIC® electronic control gear
- For fixed connection
- F/B version with rotary shade for directional or diffused light
- F/D version with matt diffuser to distribute even glare-free light

### Technical data and equipment

- Equipped with LUMILUX® 41-827 lamp
- 











Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM ECOPACK®</b>										
72581	4050300562124	white	18	230-240	0, 50-60	618	38	66	540	4x1
72585	4050300528359	white	36	230-240	0, 50-60	1228	38	66	1150	4x1
72587	4050300528373	white	58	230-240	0, 50-60	1528	38	66	1450	4x1
<b>OSRAM ECOPACK® DIM</b>										
72561	4050300561981	white	18	230-240	0, 50-60	618	38	66	540	4x1
72565	4050300562025	white	36	230-240	0, 50-60	1228	38	66	1150	4x1
72567	4050300562070	white	58	230-240	0, 50-60	1528	38	66	1450	4x1

**Description and features**

OSRAM ECOPACK® are general-purpose cost-effective batten luminaires for 26 mm fluorescent lamps with ECG for continuous economical lighting.

- Low-cost electronic batten luminaires for continuous economical lighting
- Free-burning lamp for maximum luminous flux
- With QUICKTRONIC® PROFESSIONAL or QUICKTRONIC® DIMMABLE electronic control gear
- OSRAM ECOPACK® DIM
  - Dimmable from 100% to 1%
  - Control via 1-10 V DC control signal

**Technical data and equipment**

- Supplied without lamps
-      

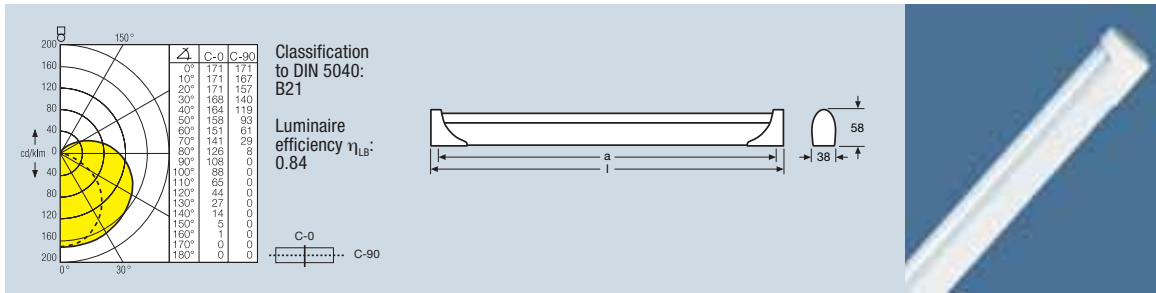
**Accessories**

- Sensors for OSRAM ECOPACK® DIM (for a description see page 92)
- Pendant kit (for a description see page 93)





# OSRAM ECOPACK®-FH OSRAM ECOPACK®-FH DIM



Product reference	Product number	COLOR	W	V	Hz	$l$ [mm]	$b$ [mm]	$h$ [mm]	$a$ [mm]	
<b>OSRAM ECOPACK®-FH</b>										
72601	4050300513249	white	14	230-240	0, 50-60	584	38	58	538	4x1
72602	4050300513263	white	21	230-240	0, 50-60	884	38	58	838	4x1
72603	4050300513287	white	28	230-240	0, 50-60	1184	38	58	1138	4x1
72604	4050300513300	white	35	230-240	0, 50-60	1484	38	58	1438	4x1
<b>OSRAM ECOPACK®-FH DIM</b>										
72611	4050300659213	white	14	230-240	0, 50-60	584	38	58	538	4x1
72612	4050300659237	white	21	230-240	0, 50-60	884	38	58	838	4x1
72613	4050300659251	white	28	230-240	0, 50-60	1184	38	58	1138	4x1
72614	4050300659275	white	35	230-240	0, 50-60	1484	38	58	1438	4x1

### Description and features

OSRAM ECOPACK®-FH are extremely economical. They provide the same light using less power than comparable batten luminaires of the same length with 26 mm fluorescent lamps.

- Compact electronic batten luminaire for fixed connection
- With innovative FH® fluorescent lamp
- With QUICKTRONIC® QT-FH or QT-FH DIM electronic control gear
- Long lamp life thanks to cut-off technology
- With prismatic lamp cover for uniform light distribution

### OSRAM ECOPACK®-FH DIM:

- Dimmable from 100% to 1%
- Control via 1-10 V DC control signal

### Technical data and equipment

- Equipped with LUMILUX® T5 FH 31-830 HE
- 

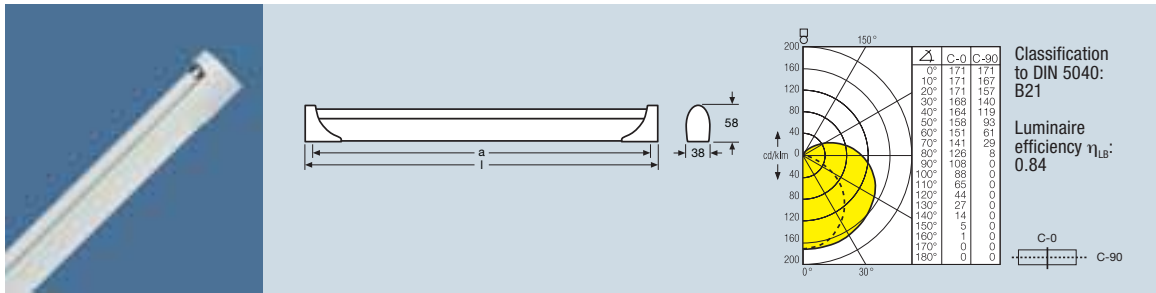
### OSRAM ECOPACK®-FH DIM:

- Also suitable without cover for LUMILUX® T5 FQ HO

### Accessories

- Sensors for OSRAM ECOPACK®-FH DIM (for a description see page 92)
- Louvre (for a description see page 93)
- Pendant kit (for a description see page 93)





Classification to DIN 5040: B21  
Luminaire efficiency  $\eta_{LB}$ : 0.84

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM ECOPACK®-FQ</b>										
72630	4050300797762	white	24	230-240	0, 50-60	584	38	58	538	4x1
72631	4050300859187	white	39	230-240	0, 50-60	884	38	58	838	4x1
72632	4050300859200	white	54	230-240	0, 50-60	1184	38	58	1138	4x1
72633	4050300859385	white	80	230-240	0, 50-60	1484	38	58	1438	4x1
<b>OSRAM ECOPACK®-FQ DIM</b>										
72640	4050300859767	white	24	230-240	0, 50-60	584	38	58	538	4x1
72641	4050300859781	white	39	230-240	0, 50-60	884	38	58	838	4x1
72642	4050300859804	white	54	230-240	0, 50-60	1184	38	58	1138	4x1
72643	4050300859828	white	80	230-240	0, 50-60	1484	38	58	1438	4x1

**Description and features**

OSRAM ECOPACK®-FQ luminaires are extremely bright. Thanks to 16 mm FQ® fluorescent lamps, these luminaires provide up to 50% greater luminous flux than batten luminaires of the same length equipped with 26 mm fluorescent lamps.

- Compact electronic batten luminaire for fixed connection
- With innovative FQ® fluorescent lamp
- With QUICKTRONIC® QT-FQ or QT-FQ DIM electronic control gear
- Long lamp life thanks to cut-off technology
- Without cover for maximum luminous flux

**OSRAM ECOPACK®-FQ DIM:**

- Dimmable from 100% to 1%
- Control via 1-10 V DC control signal

**Technical data and equipment**

- Equipped with LUMILUX® T5 FQ 21-840 HO
- 

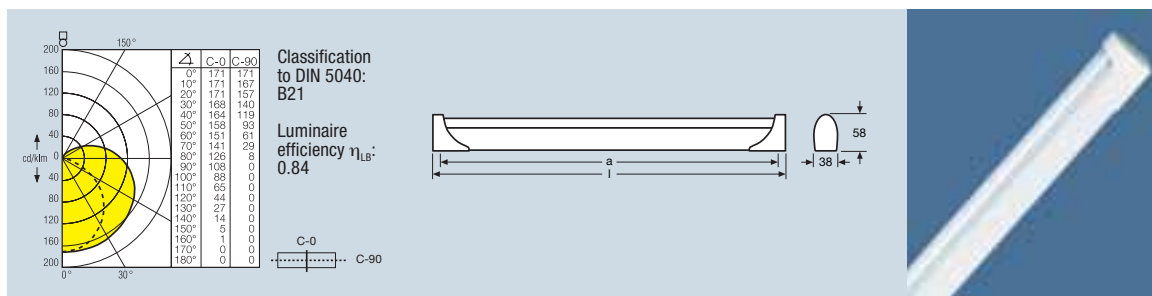
**OSRAM ECOPACK®-FQ DIM:**

- Also suitable for LUMILUX® T5 FH HE

**Accessories**

- Sensors for OSRAM ECOPACK®-FQ DIM (for a description see page 92)
- Louvre (for a description see page 93)
- Pendant kit (for a description see page 93)





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM ECOPACK®-FH DALI</b>										
72621	4008321045867	white	14	220-240	0, 50-60	584	38	58	538	4x1
72622	4008321045881	white	21	220-240	0, 50-60	884	38	58	838	4x1
72623	4008321046321	white	28	220-240	0, 50-60	1184	38	58	1138	4x1
72624	4008321046369	white	35	220-240	0, 50-60	1484	38	58	1438	4x1
<b>OSRAM ECOPACK®-FH DALI RC</b>										
72622-11	4008321045904	white	21	220-240	50-60	838	38	58	838	4x1

### Description and features

OSRAM ECOPACK®-FH DALI is an individually controllable batten luminaire for fixed connection and can be used for all DALI applications, for example in conjunction with an OSRAM LMS.

- Prismatic lamp cover to distribute the light evenly
- With QTl DALI electronic control gear
- Dimmable from 100% to 1%
- Control via the DALI interface
- Long lamp life thanks to filament preheating and cut-off technology
- Thanks to QTl DALI also suitable for LUMILUX® T5 HO High Output FQ fluorescent lamps (operated in this case without a prismatic cover)
- Master luminaire OSRAM ECOPACK®-FH DALI RC 21 W also equipped with a TOUCH DIM RC radio receiver (for use in combination with an appropriate transmitter)
- Radio switch TOUCH DIM WCU (battery-less piezo based enocean technology), available as an accessory, removes the need for a control line between the light switch and the master luminaire (also suitable for other transmitters based on enocean technology)
- Two groups each comprising 15 conventional DALI luminaires can be controlled via the two outputs of the TOUCH DIM RC of the master luminaire

### Technical data and equipment

- Equipped with LUMILUX® T5 FH 31-830 HE
- 

### Accessories

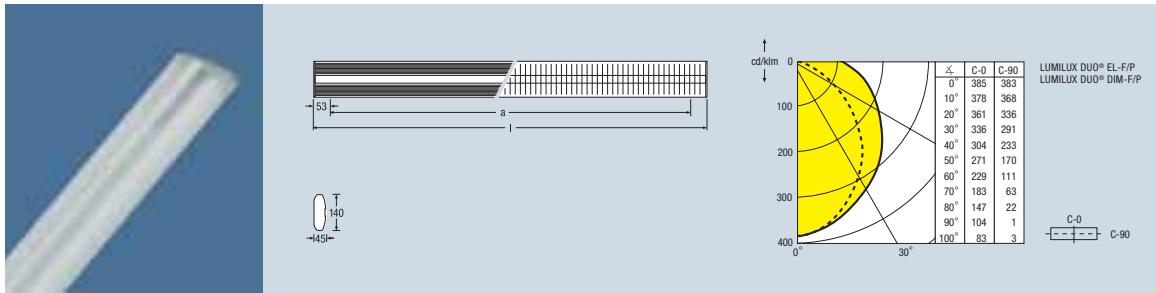
- Radio switch TOUCH DIM WCU (for a description see page 92)
- Louvre (for a description see page 93)
- Pendant kit (for a description see page 93)



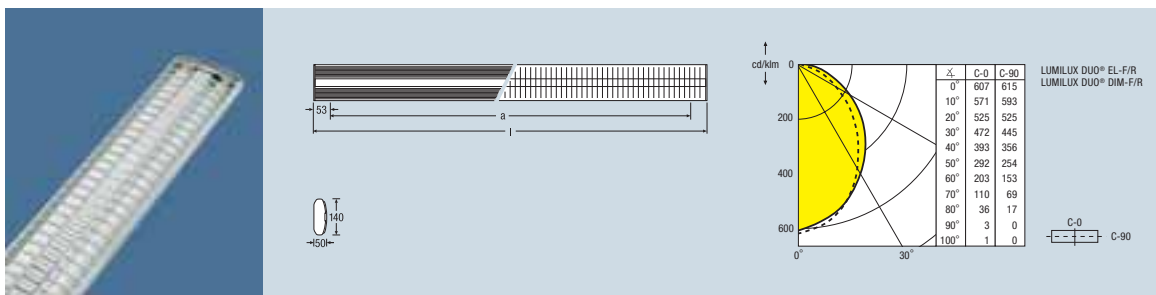
# LUMILUX DUO® EL-F/P LUMILUX DUO® EL-F/R

electronic  
comfort light

Quick start  
Flicker free  
Energy saving  
Longer lamp life



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® EL-F/P</b>										
72085	4050300774206	silver	2x18	230-240	50-60	626	140	45	520	4x1
72086	4050300774237	silver	2x36	230-240	50-60	1235	140	45	1130	4x1
72087	4050300774268	silver	2x58	230-240	50-60	1535	140	45	1430	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® EL-F/R</b>										
72088	4050300774299	silver	2x18	230-240	50-60	626	140	50	520	4x1
72089	4050300774329	silver	2x36	230-240	50-60	1235	140	50	1130	4x1
72090	4050300774350	silver	2x58	230-240	50-60	1535	140	50	1430	4x1

## Description and features

LUMILUX DUO® EL electronic batten luminaires are extremely low profile and, because of the two-lamp design, suitable for applications that require high lighting levels.

- Extremely low-profile batten luminaire for fixed connection
- With QUICKTRONIC® QTP electronic control gear
- F/P version with prismatic lamp cover for uniform light
- F/R version with aluminium louvre and highly polished reflector for glare-free light
- High-quality luminaire casing made from anodised aluminium

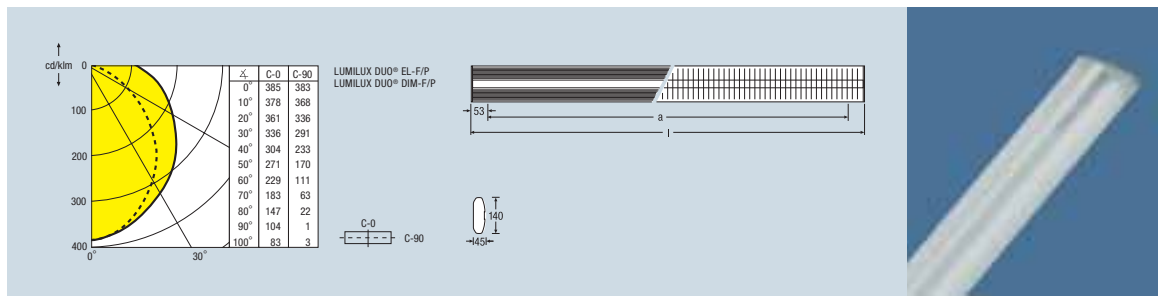
- The LUMILUX DUO® EL-F/R together with the pendant kit accessory is ideal for workplace lighting, for example in home offices

## Technical data and equipment

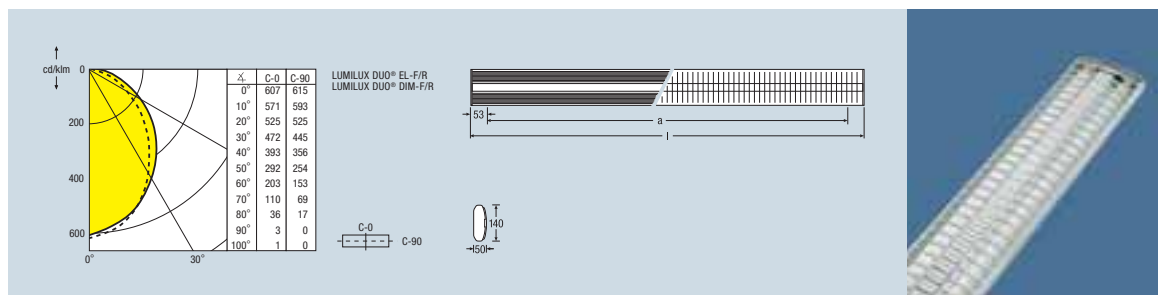
- Equipped with two LUMILUX® T8 31-830 lamps
- 

## Accessories

- Pendant kit (for a description see page 93)



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® DIM-F/P</b>										
72091	4050300787947	silver	2x18	230-240	50-60	626	140	45	520	4x1
72092	4050300787961	silver	2x36	230-240	50-60	1235	140	45	1130	4x1
72093	4050300787985	silver	2x58	230-240	50-60	1535	140	45	1430	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® DIM-F/R</b>										
72094	4050300788005	silver	2x18	230-240	50-60	626	140	50	520	4x1
72095	4050300788029	silver	2x36	230-240	50-60	1235	140	50	1130	4x1
72096	4050300788043	silver	2x58	230-240	50-60	1535	140	50	1430	4x1

### Description and features

In addition to the outstanding properties of the LUMILUX DUO® EL, the LUMILUX DUO® DIM has a dimming option.

- Inexpensive dimmable batten luminaire for fixed connection
- With QTP-DIM electronic control gear
- Control via 1-10 V DC control signal
- Significant reduction in electricity costs thanks to 100% to 1% dimming

### Technical data and equipment

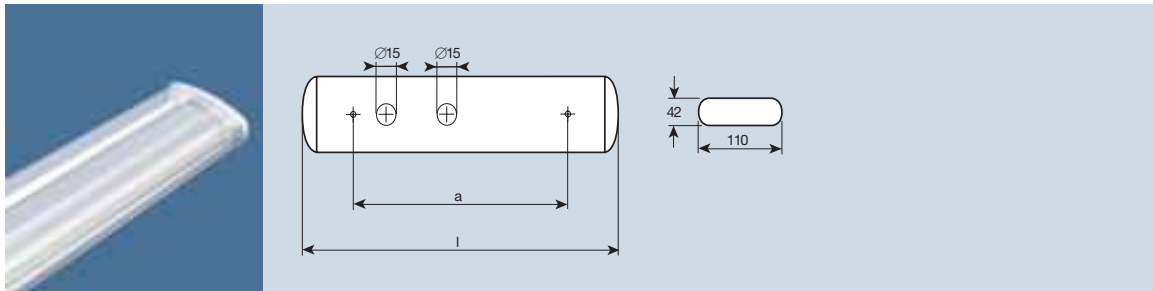
- Equipped with two LUMILUX® T8 31-830 lamps
- 

### Accessories

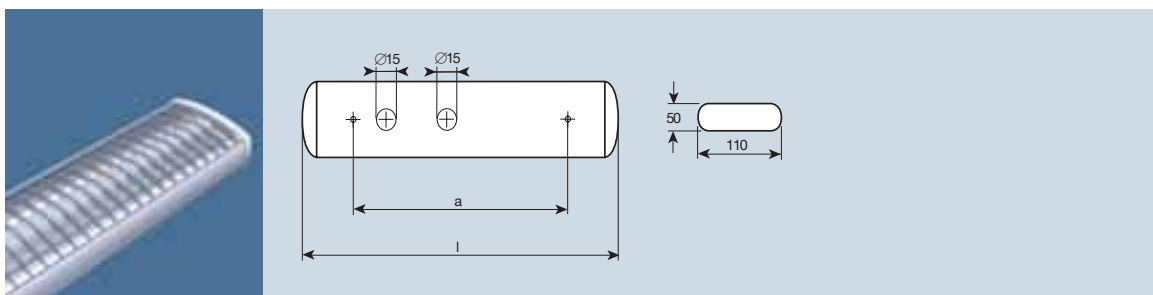
- Sensors for LUMILUX DUO® DIM (for a description see page 92)
- Pendant kit (for a description see page 93)

# LUMILUX DUO® T5-F/P

## LUMILUX DUO® T5-F/R<sup>1)</sup>



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® T5-F/P</b>										
72098	4008321908797	silver	2x14	230-240	50-60	593	110	42	515	2x1
72099	4008321908803	silver	2x21	230-240	50-60	893	110	42	685	2x1
72100	4008321908810	silver	2x28	230-240	50-60	1193	110	42	895	2x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX DUO® T5-F/R</b>										
72102	4008321908827	silver	2x14	230-240	50-60	593	110	50	515	2x1
72103	4008321908834	silver	2x21	230-240	50-60	893	110	50	685	2x1
72104	4008321908841	silver	2x28	230-240	50-60	1193	110	50	895	2x1

### Description and features

LUMILUX DUO® T5-F/P and -F/R are particularly compact through-wirable batten luminaires that are exceptionally economical because of the LUMILUX® T5 FH 21-840 HE lamps.

- F/P version with prismatic lamp cover for uniform light
- F/R version with aluminium louvre and highly polished reflector for glare-free light
- Through-wirable
- For fixed connection
- Suitable for strip lighting with accessories provided

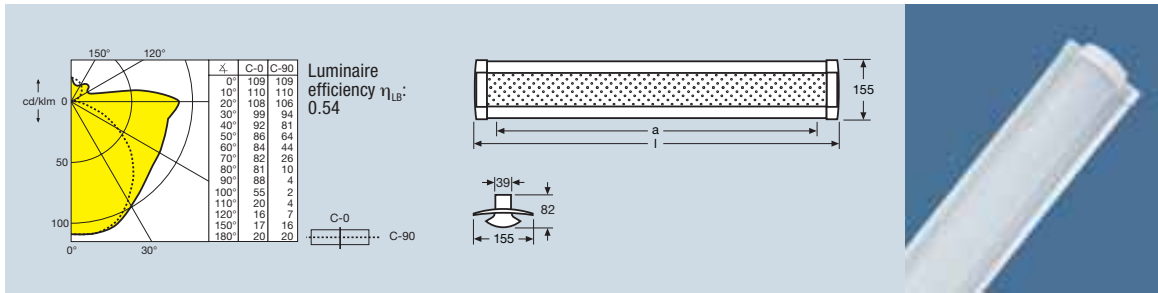
### Technical data and equipment

- Equipped with LUMILUX® T5 FH 21-840 HE lamps
- <sup>2)</sup>

### Accessories

- Pendant kit (for a description see page 93)





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM SOFTLITE®</b>										
72531	4050300535555	white	18	230	50	650	155	82	552	2x1
72532	4050300535579	white	30	230	50	955	155	82	857	2x1
72533	4050300535593	white	36	230	50	1260	155	82	1162	2x1
72534	4050300535616	white	58	230	50	1560	155	82	1462	2x1

**Description and features**

OSRAM SOFTLITE® provides direct and indirect lighting on three sides for pleasant soft and glare-free light.

- Surface-mounted luminaire with direct/indirect lighting
- Perforated cover for glare-free, soft light
- For fixed connection

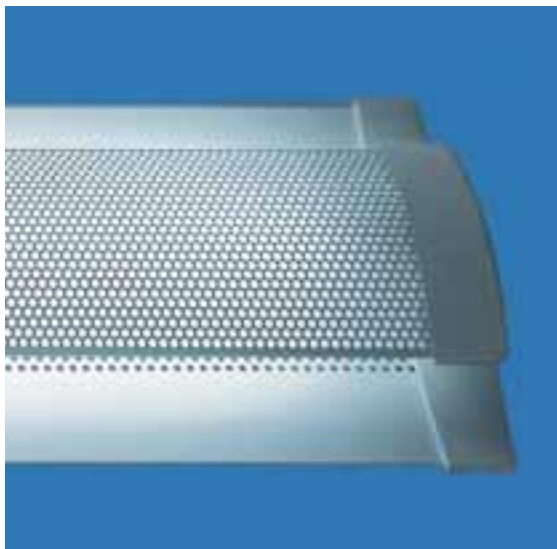
**Technical data and equipment**

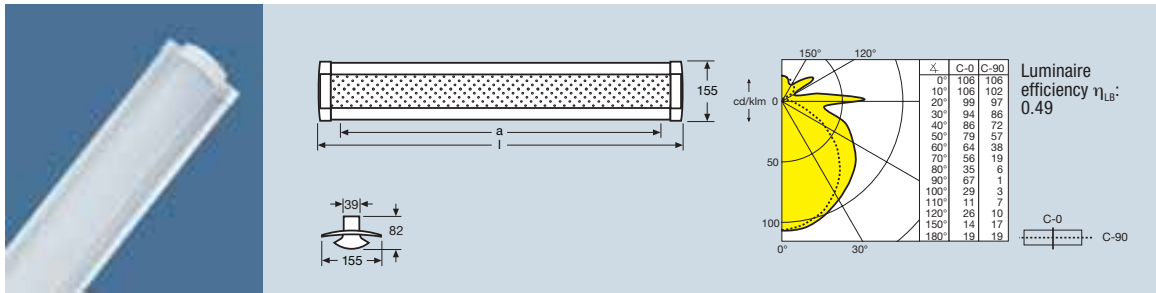
OSRAM SOFTLITE®

- Equipped with LUMILUX® T8 21-827 lamps
- 

**Accessories**

- Pendant kit (for a description see page 93)





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	Icons
<b>OSRAM SOFTLITE® EL</b>										
72535	4050300535630	white	24	230-240	50-60	610	155	82	512	2x1
72536	4050300535654	white	39	230-240	50-60	910	155	82	812	2x1
72537	4050300535678	white	54	230-240	50-60	1210	155	82	1112	2x1
72538	4050300535692	white	80	230-240	50-60	1510	155	82	1412	2x1

**Description and features**

OSRAM SOFTLITE® EL and OSRAM SOFTLITE® DIM combine stylish design with high lighting comfort. Thanks to the LUMILUX® T5 FQ 21-840 HO lamps these luminaires are particularly bright.

- Surface-mounted luminaire with direct/indirect lighting
- Perforated cover for glare-free, soft light
- For fixed connection

**OSRAM SOFTLITE® EL**

- With QUICKTRONIC® QT-FQ electronic control gear

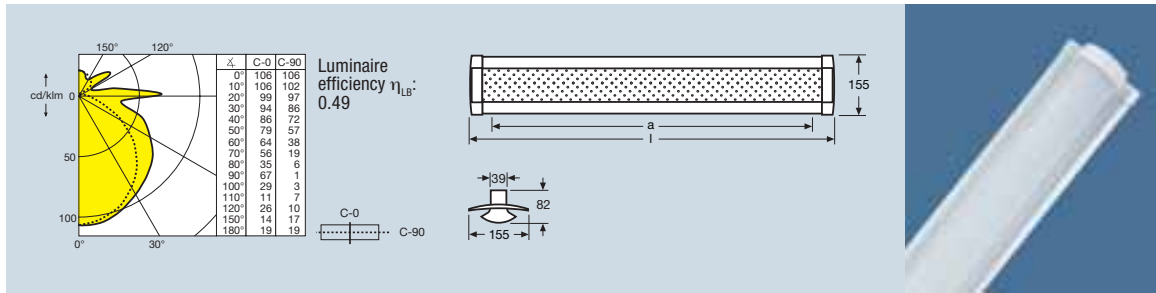
**Technical data and equipment**

- Equipped with LUMILUX® T5 FQ 21-840 HO lamp
- CE IP20

**Accessories**

- Sensors for OSRAM SOFTLITE® DIM (for a description see page 92)
- Pendant kit (for a description see page 93)





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM SOFTLITE® DIM</b>										
72545	4050300757353	white	24	230-240	50-60	610	155	82	512	2x1
72546	4050300757377	white	39	230-240	50-60	910	155	82	812	2x1
72547	4050300757391	white	54	230-240	50-60	1210	155	82	1112	2x1
72548	4050300757414	white	80	230-240	50-60	1510	155	82	1412	2x1

**Description and features**

OSRAM SOFTLITE® EL and OSRAM SOFTLITE® DIM combine stylish design with high lighting comfort. Thanks to the LUMILUX® T5 FQ 21-840 HO lamps these luminaires are particularly bright.

- Surface-mounted luminaire with direct/indirect lighting
- Perforated cover for glare-free, soft light
- For fixed connection

**OSRAM SOFTLITE® DIM**

- With QUICKTRONIC® QT<sub>i</sub> DIM electronic control gear
- Control via 1-10 V DC control signal
- Significant reduction in electricity costs thanks to 100% to 1% dimming

**Technical data and equipment**

- Equipped with LUMILUX® T5 FQ 21-840 HO lamp
- 

**OSRAM SOFTLITE® DIM**

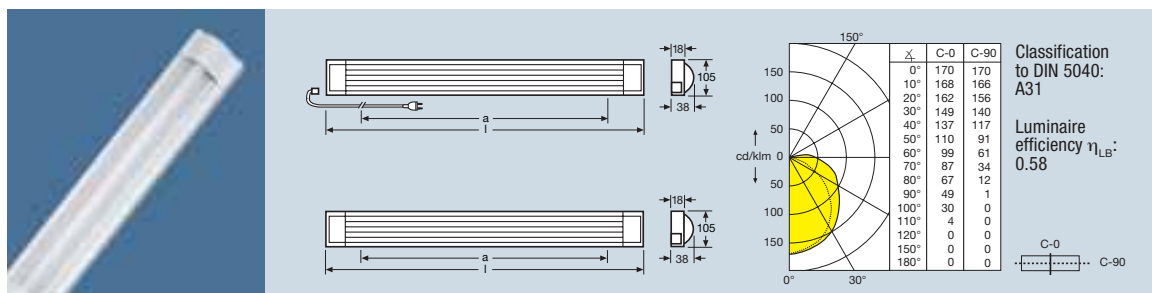
- Also suitable for LUMILUX® T5 FH HE

**Accessories**

- Sensors for OSRAM SOFTLITE® DIM (for a description see page 92)
- Pendant kit (for a description see page 93)

# LUMILUX FLATLITE®-N/P

# LUMILUX FLATLITE®-F/P



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX FLATLITE®-N/P</b>										
72408	4050300367460	white	15	230	50	477	105	38	266	4x1
72411	4050300367507	white	18	230	50	628	105	38	420	4x1
72416	4050300367545	white	30	230	50	933	105	38	725	4x1
72421	4050300367583	white	36	230	50	1238	105	38	1030	4x1
72426	4050300367620	white	58	230	50	1538	105	38	1330	4x1
<b>LUMILUX FLATLITE®-F/P</b>										
72508	4050300367484	white	15	230	50	477	105	38	266	4x1
72511	4050300367521	white	18	230	50	628	105	38	420	4x1
72516	4050300367569	white	30	230	50	933	105	38	725	4x1
72521	4050300367606	white	36	230	50	1238	105	38	1030	4x1
72526	4050300367644	white	58	230	50	1538	105	38	1330	4x1

## Description and features

The luminaires in the LUMILUX FLATLITE® range have an extremely low profile of only 18 mm.

- Low-profile high-intensity luminaire for ceilings, walls and furniture
- With prismatic lamp cover for glare-free light

### LUMILUX FLATLITE®-N/P

- Ready to install with 2 m of cable and plug
- Plug adapter for strip lighting (maximum of 3)

### LUMILUX FLATLITE®-F/P

- For fixed connection
- Movable terminal strip
- Complete with connecting cable for strip lighting (maximum of 8)

## Technical data and equipment

- With replaceable DEOS® safety starter
- 

### LUMILUX FLATLITE®-N/P

- Equipped with LUMILUX® T8 41-827 lamp

### LUMILUX FLATLITE®-F/P

- Equipped with LUMILUX® T8 31-830 lamp

## Accessories

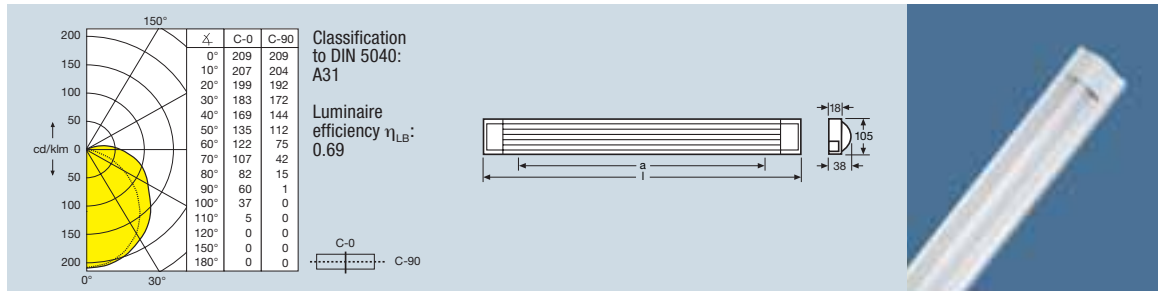
### LUMILUX FLATLITE®-N/P

- Connecting cable (for a description see page 91)

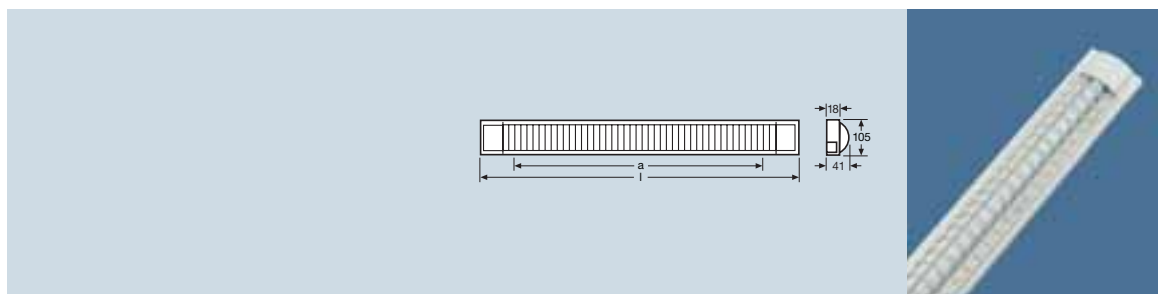
### LUMILUX FLATLITE®-F/P

- Double cap (for a description see page 95)





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX FLATLITE® EL-F/P</b>										
72510	4050300642512	white	18	230-240	50-60	628	105	38	420	4x1
72515	4050300642550	white	30	230-240	50-60	933	105	38	725	4x1
72520	4050300642574	white	36	230-240	50-60	1238	105	38	1030	4x1
72525	4050300642598	white	58	230-240	50-60	1538	105	38	1330	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX FLATLITE® EL-F/R</b>										
72509	4050300657905	white	18	230-240	50-60	628	105	38	420	4x1
72514	4050300646817	white	30	230-240	50-60	933	105	38	725	4x1
72519	4050300646831	white	36	230-240	50-60	1238	105	38	1030	4x1
72524	4050300646756	white	58	230-240	50-60	1538	105	38	1330	4x1

**Description and features**

In addition to low-profile mounting, the LUMILUX FLATLITE® EL has improved economy and lighting comfort thanks to electronic control gear.

- Low-profile high-intensity luminaire for ceilings and walls
- For fixed connection
- Movable terminal strip
- With QT-DT electronic control gear
- Complete with connecting cable for strip lighting (maximum of 8)

**Technical data and equipment**

- Equipped with LUMILUX® T8 31-830 lamp
- 

**Accessories**

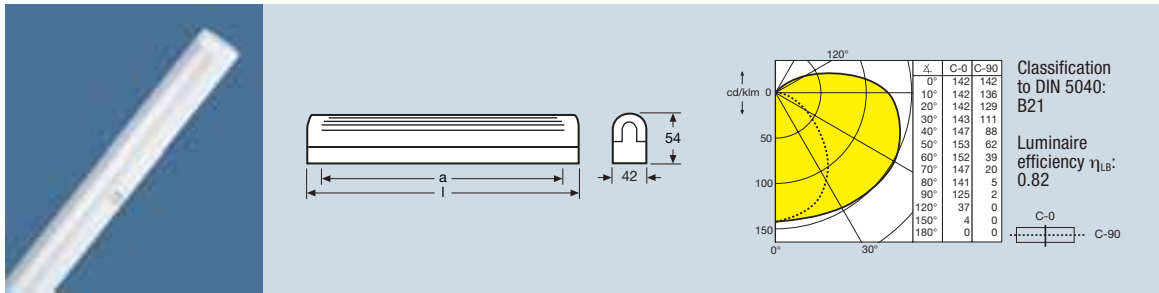
- Double cap (for a description see page 95)

**LUMILUX FLATLITE® EL-F/P**

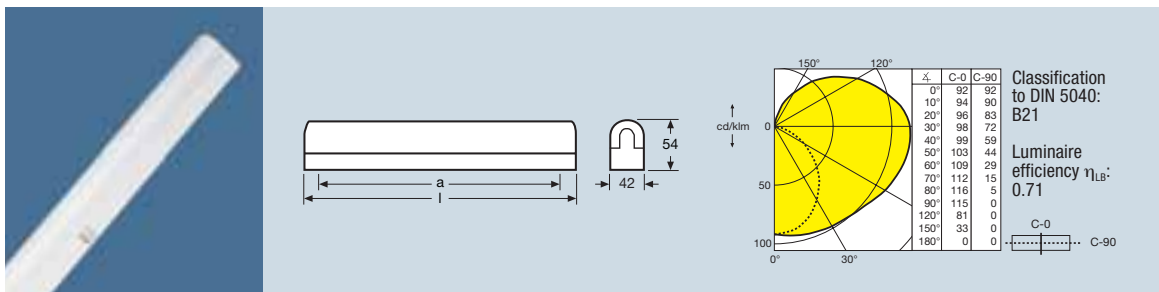
- With prismatic lamp cover for glare-free light

**LUMILUX FLATLITE® EL-F/R**

- With extra-low-profile metal louvre



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® DECO EL/P</b>										
72161	4050300356846	white	8	230	50	310	42	54	275	4x1
72165	4050300356860	white	13	230	50	538	42	54	502	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® DECO EL/D</b>										
72161-44	4050300497822	white	8	230	50	310	42	54	275	4x1
72165-44	4050300497846	white	13	230	50	538	42	54	502	4x1

### Description and features

LUMILUX® DECO EL is the modern, decorative and energy-saving alternative to mirror lighting with conventional light bulbs. Thanks to their slim design, they are also ideal as furniture luminaires.

- Elegant wall and mirror luminaire
- For fixed connection
- With electronic control gear

### LUMILUX® DECO EL/P

- With prismatic lamp cover for glare-free light

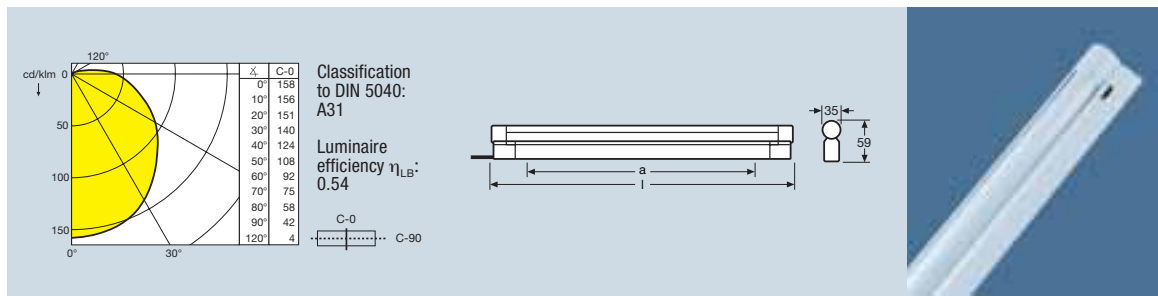
### LUMILUX® DECO EL/D

- With opal cover for soft glare-free lighting and natural rendering of skin tones

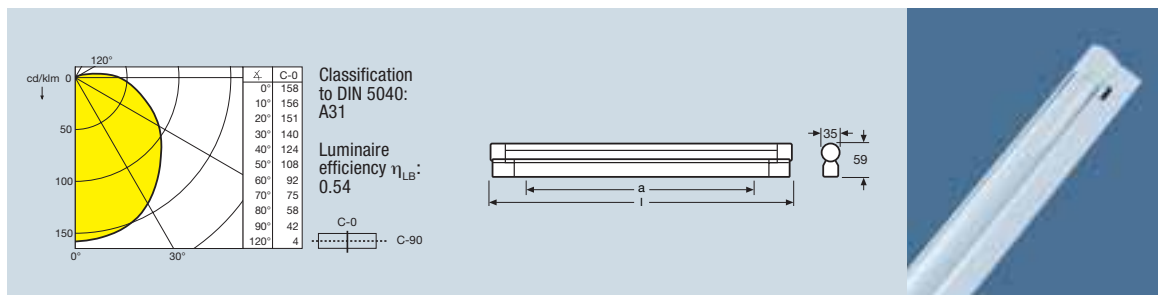
### Technical data and equipment

- Equipped with LUMILUX® T5 41-827 lamp
- $\text{CE}$   $\square$  IP20  $\nabla$   $\nabla$   $\nabla$   $\nabla$





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® VARIO EL-N</b>										
72356	4008321908445	white	18	230-240	50-60	617	35	59	420	4x1
72357	4008321908452	white	30	230-240	50-60	922	35	59	725	4x1
72358	4008321908469	white	36	230-240	50-60	1227	35	59	1030	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® VARIO EL-F</b>										
72456	4008321908476	white	18	230-240	50-60	617	35	59	420	4x1
72457	4008321908483	white	30	230-240	50-60	922	35	59	725	4x1
72458	4008321908490	white	36	230-240	50-60	1227	35	59	1030	4x1

**Description and features**

The LUMILUX® VARIO EL batten luminaire has a special tubular reflector capable of rotating through 360° to direct glare-free economical light at ceilings, walls, or furniture.

- Flat batten luminaire with reflector capable of rotating 360° for variable, directional light
- 40% more light in the main beam direction compared with free-burning lamps
- With electronic control gear
- Integrated switch

**LUMILUX® VARIO EL-N**

- Ready to install with 2 m of cable and plug

**LUMILUX® VARIO EL-F**

- For fixed connection
- With central, asymmetrical and side cable penetration

**Technical data and equipment**

- Equipped with LUMILUX® T8 41-827 lamp
- 



1) Product in preparation  
2) Applied for

# LUMINESTRA® EL HALONESTRA®



**electronic comfort light** Quick start Flicker free Energy saving Longer lamp life

Luminaire efficiency  $\eta_{LB}$ : 0.62

$\alpha$	C-0	C-90
-180°	0	0
-120°	0	0
-90°	2	1
-60°	80	55
-30°	146	131
0°	157	148
10°	163	163
30°	165	165
60°	178	161
90°	167	146
120°	148	51
150°	39	0
180°	0	0

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMINESTRA® EL</b>										
73071	4050300008738	white	8	230-240	50-60	342	70	20	320	4x1
73081	4050300008745	white	13	230-240	50-60	555	70	20	300+485	4x1

**UV FILTER** **electronic comfort light** Energy saving Longer lamp life

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>HALONESTRA®</b>										
41132	4050300486338	white	2x20	230-240	50-60	550	70	20	521	4x1
41133	4050300486352	white	3x20	230-240	50-60	825	70	20	796	4x1
41134	4050300486376	white	5x10	230-240	50-60	1200	70	20	1171	4x1

## Description and features

The incredibly popular LUMINESTRA® EL furniture luminaire now has all the benefits of electronic operation. The large light field extending across the diagonal provides excellent illumination of the task area. The integrated LUMILUX® T5 41-827 lamp produces a pleasant warm light. Because they have the same cross-section, LUMINESTRA® EL can be combined with HALONESTRA®. This luminaire is the perfect choice for brilliant halogen light.

- Low-profile furniture luminaire for optimum illumination of the task area
- Ready to install with 2 m of cable and plug
- Through-wirable with plug adapter provided
- Up to 10 LUMINESTRA® EL or 8 HALONESTRA® luminaires can be combined to create strip lighting (all the same or mixed)



## LUMINESTRA® EL

- With prismatic lamp cover for glare-free light
- With electronic control gear

## HALONESTRA®

- With electronic transformer
- Dimmable with trailing-edge phase dimmer

## Technical data and equipment

- CE IP20

## LUMINESTRA® EL

- Equipped with LUMILUX® T5 41-827 lamp

## HALONESTRA®

- Equipped with HALOSTAR® STANDARD lamps

## Accessories

- Connecting cable (for a description see page 95)
- Double socket and socket/switch (for a description see page 94)





# LUMILINE® EL HALONEA®

Distance [m]	C-0	C-90
-180°	0	0
-120°	0	0
-90°	2	1
-60°	80	55
-30°	148	131
0°	157	148
10°	163	163
30°	165	165
60°	178	161
90°	187	146
120°	148	51
150°	39	0
180°	0	0

Luminaire efficiency  $\eta_{LB}$ : 0.62

Quick start  
Flicker free  
Energy saving  
Longer lamp life

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILINE® EL</b>										
73120	4050300769714	white	8	230-240	50-60	328	85	24	240	4x1
73130	4050300769738	white	13	230-240	50-60	557	85	24	469	4x1
73120 (Blister)	4050300975443	white	8	230-240	50-60	328	85	24	240	4x1
73130 (Blister)	4050300975429	white	13	230-240	50-60	557	85	24	469	4x1

Energy saving  
Longer lamp life

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>HALONEA®</b>										
41135	4050300784519	white	2x10	230-240	50-60	328	85	24	246	4x1
41136	4050300784540	white	3x10	230-240	50-60	504	85	24	422	4x1
41135-01 (Blister)	4050300820767	white	2x10	230-240	50-60	328	85	24	246	4x1
41136-01 (Blister)	4050300820804	white	3x10	230-240	50-60	504	85	24	422	4x1

### Description and features

LUMILINE® EL and HALONEA® add modern design to the family of furniture luminaires. The light field of LUMILINE® EL extending across the diagonal provides excellent illumination of the task area. The reflectors directly integrated in HALONEA® offer particularly high luminous efficacy. The switch/socket accessory enables strip lighting to be switched on and off centrally.

- Low-profile furniture luminaire for optimum illumination of the task area
- Ready to install with 2 m of cable and plug
- Through-wirable with plug adapter provided
- Up to 10 LUMILINE® EL or 8 HALONEA® luminaires can be combined to create strip lighting (all the same or mixed)

### LUMILINE® EL

- With prismatic lamp cover for glare-free light
- With electronic control gear

### HALONEA®

- With electronic transformer
- Dimmable with trailing-edge phase dimmer

### Technical data and equipment

- 

### LUMILINE® EL

- Equipped with LUMILUX® T5 41-827 lamp

### HALONEA®


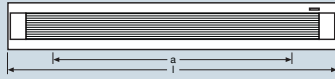
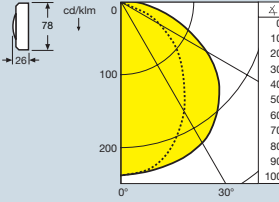
- Equipped with HALOSTAR® STANDARD lamps

### Accessories

- Connecting cable (for a description see page 95)
- Double socket and socket/switch (for a description see page 94)

# SLIMLITE® EL-F

## SLIMLITE® EL


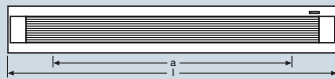
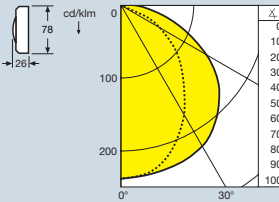
*electronic comfort light* Quick start  
Flicker free  
Energy saving  
Longer lamp life

Δ	C-0	C-90
0°	238	238
10°	235	228
20°	231	205
30°	223	171
40°	203	132
50°	176	101
60°	136	68
70°	90	39
80°	46	14
90°	17	0
100°	0	0

Classification to DIN 5040: A40  
Luminaire efficiency  $\eta_{LB}$ : 0.76

C-0 C-90

Product reference	Product number	COLOR	W	V	Hz	$l$ [mm]	$b$ [mm]	$h$ [mm]	$a$ [mm]	
<b>SLIMLITE® EL-F</b>										
73072	4008321118486	white	8	230-240	50-60	320	78	26	230	4x1
73082	4008321118509	white	13	230-240	50-60	550	78	26	460	4x1

*electronic comfort light* Quick start  
Flicker free  
Energy saving  
Longer lamp life

Δ	C-0	C-90
0°	238	238
10°	235	228
20°	231	205
30°	223	171
40°	203	132
50°	176	101
60°	136	68
70°	90	39
80°	46	14
90°	17	0
100°	0	0

Classification to DIN 5040: A40  
Luminaire efficiency  $\eta_{LB}$ : 0.76

C-0 C-90

Product reference	Product number	COLOR	W	V	Hz	$l$ [mm]	$b$ [mm]	$h$ [mm]	$a$ [mm]	
<b>SLIMLITE® EL</b>										
73073	4050300620145	white	8	230-240	50-60	320	78	26	230	4x1
73083	4050300620121	white	13	230-240	50-60	550	78	26	460	4x1

### Description and features

SLIMLITE® EL-F and SLIMLITE® EL provide economical light from particularly compact units. The fixed connection version SLIMLITE® EL-F is suitable for especially tight spaces thanks to the cable penetration at the back. SLIMLITE® EL can be combined with the plug adapter provided to create strip lighting.

- Low-profile furniture luminaire for optimum illumination of the task area
- With prismatic lamp cover for glare-free light
- With electronic control gear

### SLIMLITE® EL

- Ready to install with 2 m of cable and plug
- Through-wirable with plug adapter provided

### SLIMLITE® EL-F

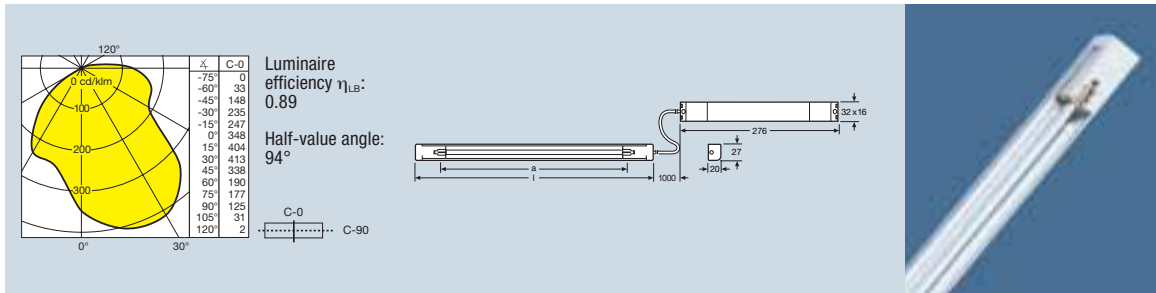
- For fixed connection
- Central cable penetration

### Technical data and equipment

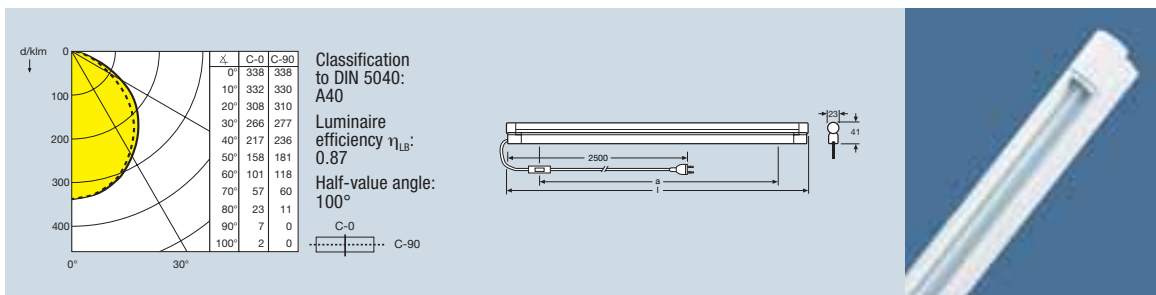
- Equipped with LUMILUX® T5 41-827 lamp
- Enhanced non-flammability: 850 °C glow wire test requirements fulfilled
- 

### Accessories

- Connecting cable (SLIMLITE® EL only, for a description see page 95)



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX SPLIT®-FM</b>										
72287	4050300487007	white	8	230-240	50-60	382	27	20	300	4x1
72288	4050300487021	white	11	230-240	50-60	483	27	20	402	4x1
72289	4050300487045	white	13	230-240	50-60	585	27	20	503	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX® VARIO-FM</b>										
72292	4050300636351	white	8	230	50-60	335	23	41	250	4x1
72293	4050300636382	white	11	230	50-60	437	23	41	352	4x1
72294	4050300636405	white	13	230	50-60	538	23	41	453	4x1

### Description and features

Thanks to the high-intensity LUMILUX® FM® miniature fluorescent lamp with a tube diameter of only 7 mm, LUMILUX SPLIT®-FM and LUMILUX® VARIO-FM provide ideal lighting in the tightest of spaces.

- Very narrow batten luminaire with innovative FM® fluorescent lamp

#### LUMILUX SPLIT®-FM

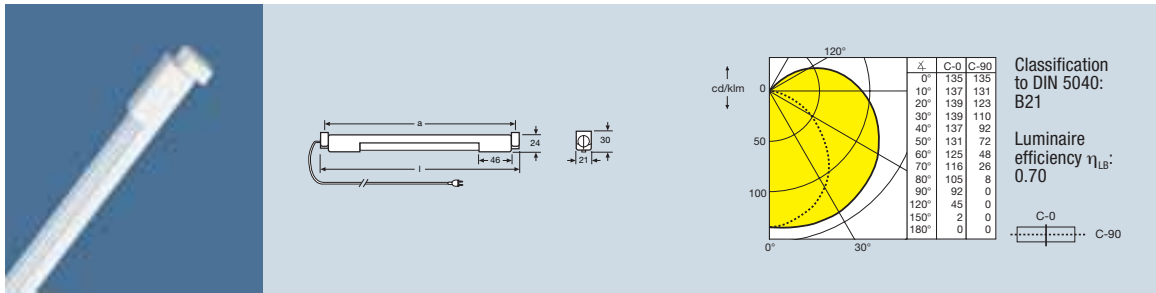
- With separate QUICKTRONIC® QT-FM electronic control gear
- Extremely high luminous flux in light beam thanks to high-quality reflector
- 1 m connecting cable to ECG
- Can be wired to the mains input side of the ECG

#### LUMILUX® VARIO-FM

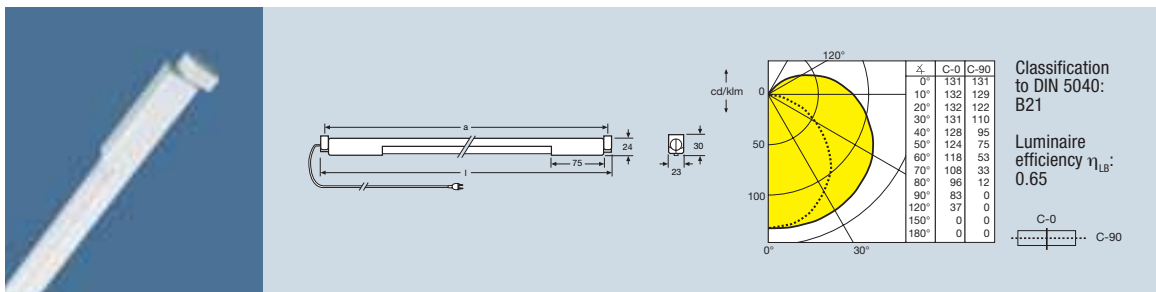
- Integrated QUICKTRONIC® QT-FM ECG
- With 360° rotary tube reflector for variable directional light
- Ready to install with 2.5 m of cable and plug
- Switch integrated in the power cable

#### Technical data and equipment

- Equipped with LUMILUX® T2 FM® 730 lamp
-



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	Icons
<b>PICOLINE® EL 8, 13 W</b>										
72041	4050300499543	white	8	230	50	374	21	30	362	4x1
72042	4050300499567	white	13	230	50	602	21	30	591	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	Icons
<b>PICOLINE® EL 21 W</b>										
72043	4050300593975	white	21	230	50	990	23	30	978	4x1

**Description and features**

The miniature PICOLINE® EL furniture luminaire brings light into the tightest of spaces. The plastic clips are firmly attached to the mounting surface. The luminaire with its integrated lamp is then inserted into these clips and can then be adjusted as required.

- Extremely slim furniture luminaire
- Rotates through 360° around its longitudinal axis
- Ready to install with 2 m of cable and plug
- With electronic control gear
- Integrated switch

**Technical data and equipment**

- CE IP20
- The lamp cannot be changed

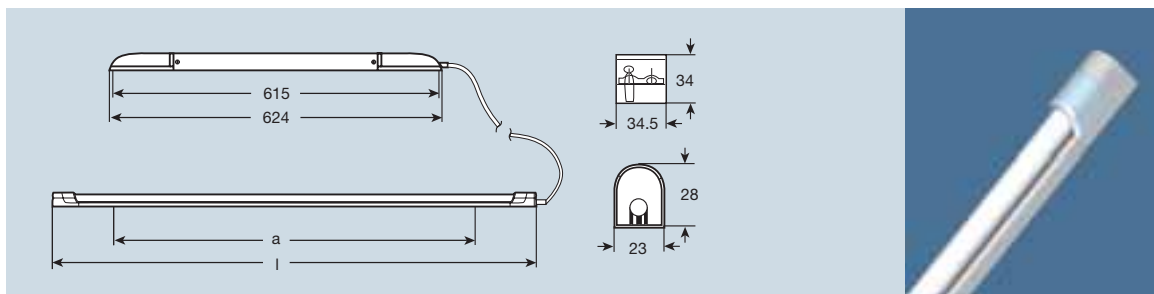
PICOLINE® EL 8 W and 13 W

- Equipped with LUMILUX® T5 41-827 lamp

PICOLINE® EL 21 W

- Equipped with LUMILUX® T5 FH 41-827 HE lamp





Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX SPLIT®-HE</b>										
72701	4008321908858	white	14	220-240	50-60	610	23	28	380	4x1
72702	4008321908872	white	21	220-240	50-60	910	23	28	680	4x1
72703	4008321908896	white	28	220-240	50-60	1210	23	28	980	4x1
72704	4008321908919	white	35	220-240	50-60	1510	23	28	1280	4x1

**Description and features**

LUMILUX SPLIT®-HE is the ideal solution for small spaces. The 1 m connecting cable between the luminaire and the ECG means that the luminaire itself is reduced to its smallest possible size and can therefore be easily concealed.

- Miniaturised furniture luminaire
- Very high luminous flux thanks to free-burning lamp
- 1 m connecting cable to ECG
- ECG casing with terminals and cable clamp  
l x w x h [mm] = 624 x 35 x 34
- Can be wired to the mains input side of the ECG

**Technical data and equipment**

- Equipped with LUMILUX® T5 FH 31-830 HE lamp
- 

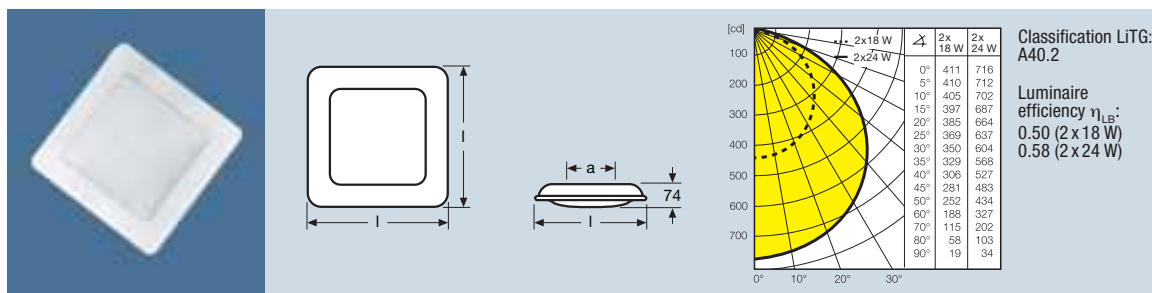
1) In preparation  
2) Applied for

# OSRAM DULUX® CARRÉ EL/D

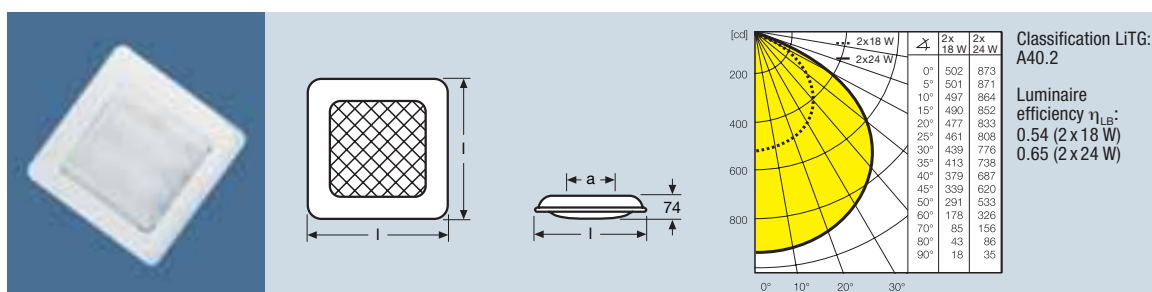
# OSRAM DULUX® CARRÉ EL/P

electronic  
comfort light

Quick start  
Flicker free  
Energy saving  
Longer lamp life



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX® CARRÉ EL/D</b>										
73201	4050300353517	white	2x18	230-240	0, 50-60	320	320	74	140	4x1
73210	4050300122441	white	2x24	230-240	0, 50-60	410	410	74	180	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX® CARRÉ EL/P</b>										
73201-43	4050300353531	white	2x18	230-240	0, 50-60	320	320	74	140	4x1
73210-43	4050300353555	white	2x24	230-240	0, 50-60	410	410	74	180	4x1

## Description and features

OSRAM DULUX® CARRÉ EL are very low-profile and lightweight ceiling lights with two compact fluorescent lamps for perfectly distributed bright light.

- Low-profile square ceiling luminaire for surface or enclosed mounting
- With QUICKTRONIC® electronic control gear

### OSRAM DULUX® CARRÉ EL/D

- With opal lamp cover for soft pleasant light without annoying reflections

### OSRAM DULUX® CARRÉ EL/P

- With prismatic lamp cover for glare-free light with a brilliant look

## Technical data and equipment

- Equipped with two lamps OSRAM DULUX® L 31-830
- Ceiling mounting: IP23; wall mounting: IP20
- 

### OSRAM DULUX® CARRÉ EL/D

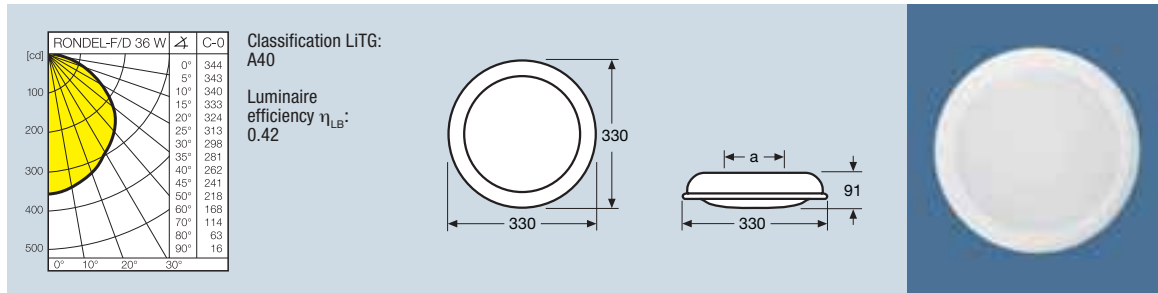
- 

## Accessories

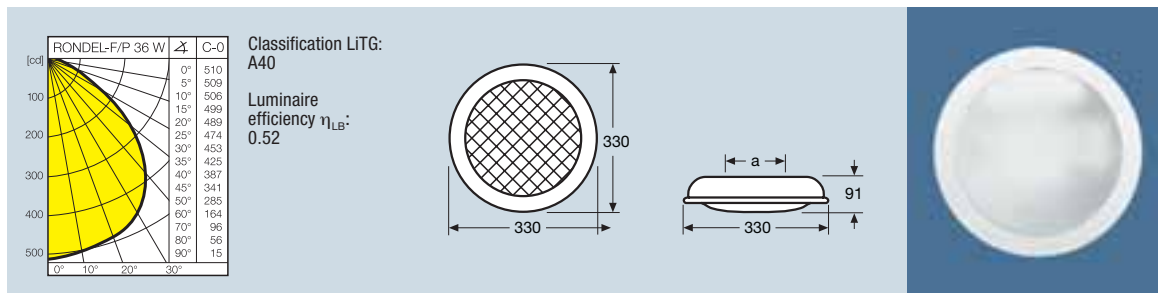
- Installation kit for recessed ceiling mounting (for a description see page 97)



# OSRAM DULUX® RONDEL-F/D OSRAM DULUX® RONDEL-F/P



Product reference	Product number	COLOR	W	V	Hz	h [mm]	d [mm]	a [mm]	Icons
<b>OSRAM DULUX® RONDEL-F/D</b>									
74005	4050300419923	white	36	230	50	91	330	170	4x1



Product reference	Product number	COLOR	W	V	Hz	h [mm]	d [mm]	a [mm]	Icons
<b>OSRAM DULUX® RONDEL-F/P</b>									
74005-43	4050300419947	white	36	230	50	91	330	170	4x1

## Description and features

The compact OSRAM DULUX® RONDEL-F ceiling luminaire provides bright economical light with superb evenly distributed light.

- Compact round ceiling luminaire
- With easy-to-remove cover
- With low-loss control gear

## OSRAM DULUX® RONDEL-F/D

- With opal lamp cover for soft pleasant light without annoying reflections

## OSRAM DULUX® RONDEL-F/P

- With prismatic lamp cover for glare-free light with a brilliant look

## Technical data and equipment

- With DEOS® safety starter
- Equipped with OSRAM DULUX® F 31-830 lamp
- CE IP20

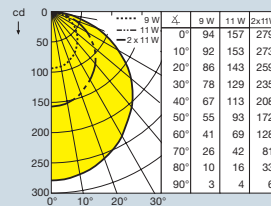
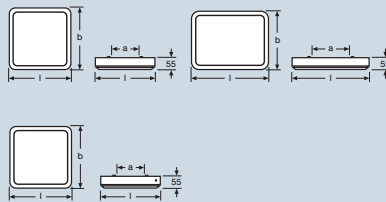
## OSRAM DULUX® RONDEL-F/D

- 



# OSRAM DULUX® CARRÉ

## OSRAM DULUX® CARRÉ *SENSOR*



OSRAM DULUX®  
CARRÉ, *SENSOR*  
Classification to  
DIN 5040: A40  
Luminaire  
efficiency  $\eta_{LB}$ :  
0.47 (9 W)  
0.52 (11 W)  
0.46 (2 x 11 W)

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	Icon
<b>OSRAM DULUX® CARRÉ</b>										
73040	4050300012117	white	9	230	50	200	200	55	94	4x1
73045	4050300012100	white	11	230	50	270	200	55	164	4x1
73050	4050300314921	white	2x11	230	50	270	270	55	164	4x1
<b>OSRAM DULUX® CARRÉ <i>SENSOR</i></b>										
73040-75	4050300424644	white	9	230	50	200	200	55	94	4x1

### Description and features

OSRAM DULUX® CARRÉ and OSRAM DULUX® CARRÉ *SENSOR* are compact square wall and ceiling luminaires in a timeless design for continuous reliable economical lighting.

- Super slim square energy-saving luminaires for indoors and outdoors
- Rain-proof (IP43)
- Quick and easy to install

#### OSRAM DULUX® CARRÉ

- 11 W version also available as a two-lamp version

#### OSRAM DULUX® CARRÉ *SENSOR*

- With sensor-controlled adjustable dawn-and-dusk switch: automatically switches on and off according to the amount of available daylight



### Technical data and equipment

- CE IP43 (9 W and 11 W),  
10 (2 x 11 W and *SENSOR*)

#### OSRAM DULUX® CARRÉ

- Equipped with OSRAM DULUX® S 41-827 lamp

#### OSRAM DULUX® CARRÉ *SENSOR*

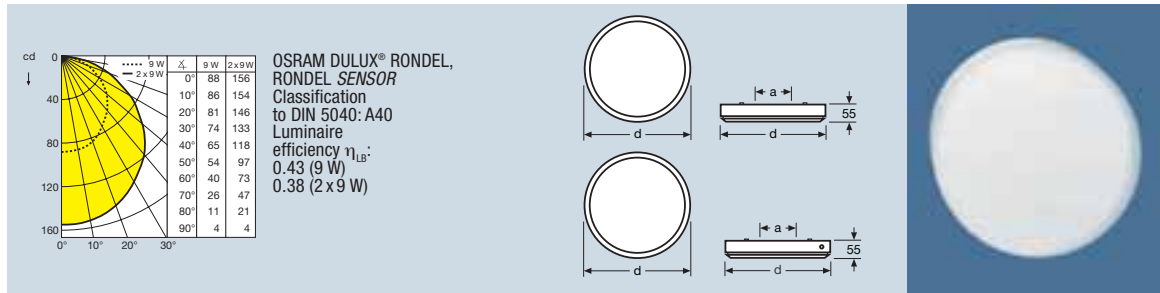
- Equipped with OSRAM DULUX® S 31-830 lamp



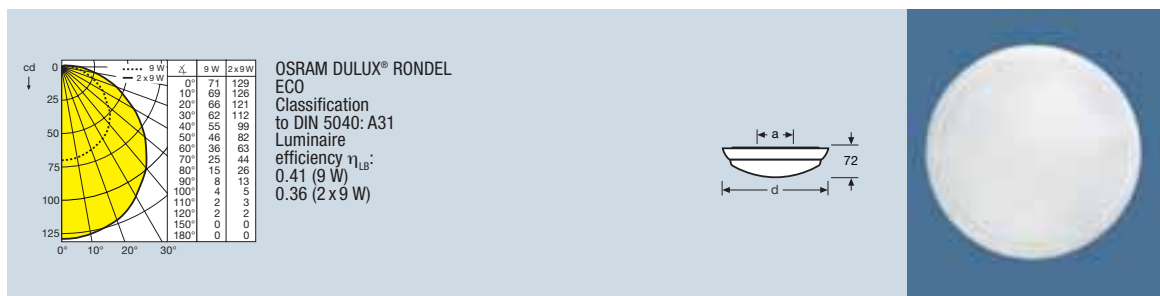




# OSRAM DULUX® RONDEL, OSRAM DULUX® RONDEL *SENSOR* OSRAM DULUX® RONDEL ECO



Product reference	Product number	COLOR	W	V	Hz	h [mm]	d [mm]	a [mm]	
<b>OSRAM DULUX® RONDEL</b>									
73025	4050300361543	white	9	230	50	55	230	80	4x1
73030	4050300328737	white	2x9	230	50	55	270	126	4x1
<b>OSRAM DULUX® RONDEL <i>SENSOR</i></b>									
73025-75	4050300399133	white	9	230	50	55	230	80	4x1



Product reference	Product number	COLOR	W	V	Hz	h [mm]	d [mm]	a [mm]	
<b>OSRAM DULUX® RONDEL ECO</b>									
74041	4050300584263	white	9	230	50	72	255	78	4x1
74042	4050300584287	white	2x9	230	50	72	255	78	4x1

## Description and features

OSRAM DULUX® RONDEL are compact round wall and ceiling luminaires in a timeless design for continuous reliable economical lighting. OSRAM DULUX® RONDEL and RONDEL *SENSOR*.

- Super slim round energy-saving luminaires for indoors and outdoors
- Rain-proof (IP43)
- Quick and easy to install

### OSRAM DULUX® RONDEL

- Also available as a two-lamp version

### OSRAM DULUX® RONDEL *SENSOR*

- With sensor-controlled adjustable dawn-and-dusk switch: automatically switches on and off according to the amount of available daylight

### OSRAM DULUX® RONDEL ECO

- Slim round energy-saving luminaire for indoors
- With opal lamp cover for soft pleasant light without annoying reflections
- Also available as a two-lamp version

## Technical data and equipment

OSRAM DULUX® RONDEL and RONDEL *SENSOR*

- <sup>1)</sup>

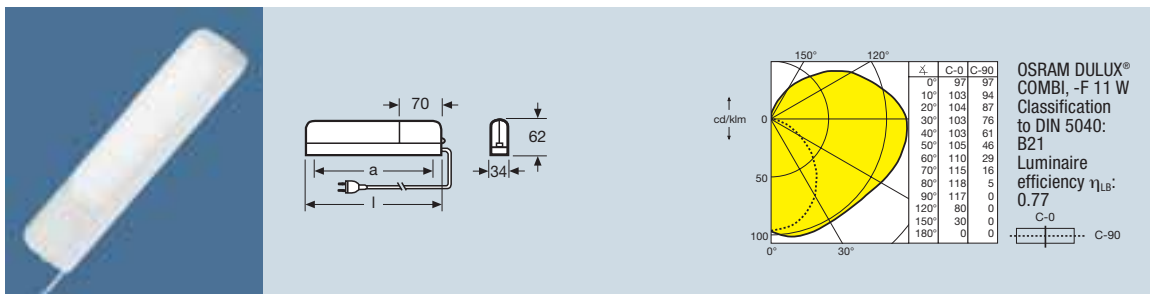
OSRAM DULUX® RONDEL

- Equipped with OSRAM DULUX® S 41-827 lamp
- OSRAM DULUX® RONDEL *SENSOR*
- Equipped with OSRAM DULUX® S 31-830 lamp
- OSRAM DULUX® RONDEL ECO

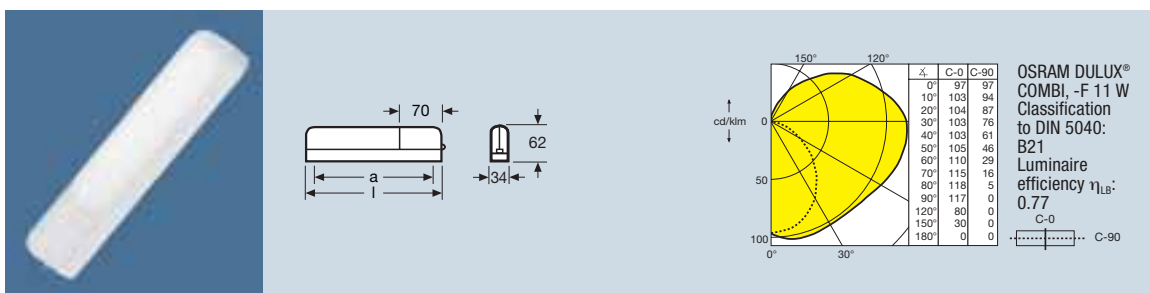
- Equipped with OSRAM DULUX® S 41-827 lamp
- <sup>1)</sup>

1) Applied for

# OSRAM DULUX® COMBI<sup>1)</sup> OSRAM DULUX® COMBI-F<sup>1)</sup>



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX® COMBI</b>										
73011	4050300005263	white	9	230	50	230	34	62	197	4x1
73016	4050300010489	white	11	230	50	290	34	62	225	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX® COMBI-F</b>										
73111	4050300005294	white	9	230	50	230	34	62	197	4x1
73116	4050300010458	white	11	230	50	290	34	62	255	4x1

## Description and features

OSRAM DULUX® COMBI are compact surface-mounted luminaires with a compact fluorescent lamp for providing economical lighting where space is at a premium.

- Versatile compact luminaire for continuous economical lighting
- Adjustable brackets for simple mounting

### OSRAM DULUX® COMBI

- Ready to install with 2 m of cable and plug

### OSRAM DULUX® COMBI-F

- For fixed connection

## Technical data and equipment

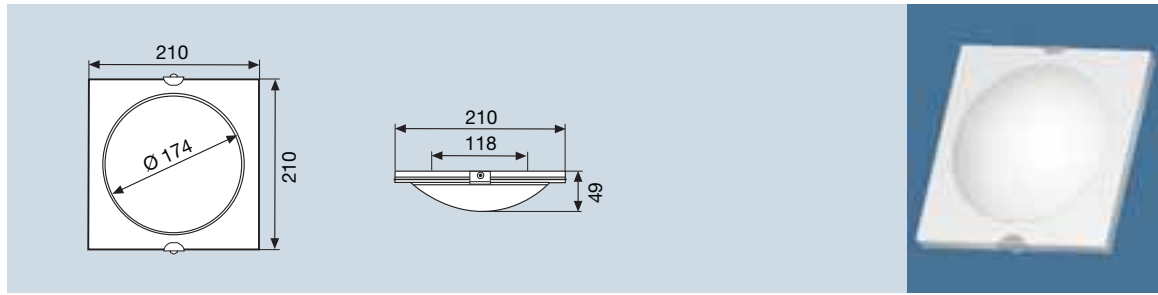
- Equipped with OSRAM DULUX® S 41-827 lamp
- 



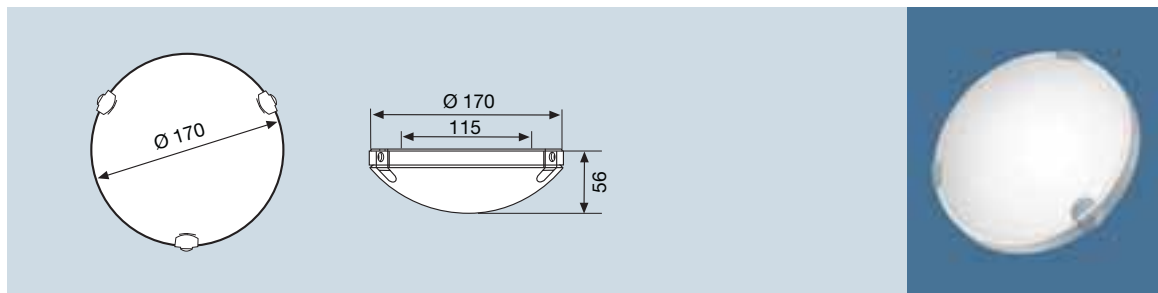


# HALOPIN® CARRÉ

## HALOPIN® RONDEL



Product reference	Product number	COLOR	W	V	Hz	
<b>HALOPIN® CARRÉ</b>						
41825	4008321908933	white	60	230	50	4x1



Product reference	Product number	COLOR	W	V	Hz	
<b>HALOPIN® RONDEL</b>						
41826	4008321908957	white	60	230	50	4x1

### Description and features

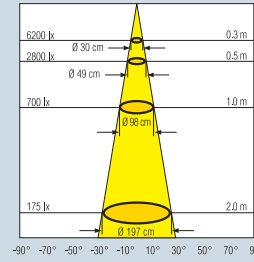
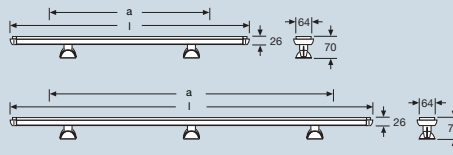
HALOPIN® CARRÉ and HALOPIN® RONDEL are particularly elegant ceiling and wall luminaires with innovative HALOPIN® mains voltage halogen lamps.

- Frosted glass luminaire cover
- Stainless-steel coloured mounting ring
- Simple installation

### Technical data and equipment

- Equipped with HALOPIN® 66660 60 W lamp
- <sup>1)</sup>

1) Applied for



DECOSTAR®  
TITAN  
46865 VWFL

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>DECOSTAR MULTISPOT®-F</b>										
41241	4050300584102	white	2x35	230-240	50	775	64	70	520	2x1
41242	4050300584140	white	3x35	230-240	50	1175	64	70	920	2x1
41241	4050300584126	silver	2x35	230-240	50	775	64	70	520	2x1
41242	4050300584164	silver	3x35	230-240	50	1175	64	70	920	2x1

**Description and features**

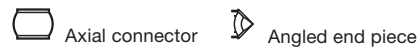
The elegant DECOSTAR MULTISPOT® ceiling luminaire looks good either as an individual light fitting or as part of strip lighting. The adjustable heads create accent lighting wherever it is needed.

- Elegant ceiling luminaire with brilliant halogen light
- Luminaires heads can be rotated through 180° and swivelled through 90°
- Can be installed singly with mounted end pieces
- Luminaires can be combined with the angle end pieces provided to create lighting structures
- Suitable for strip lighting with axial connector provided
- For fixed connection

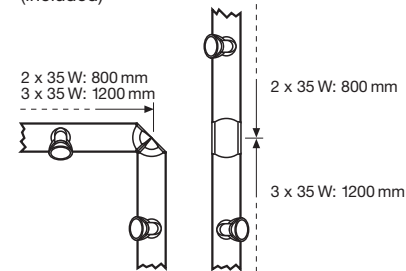
- Integrated switch
- With HALOTRONIC® HT 120 LF electronic transformer
- Can be controlled by trailing-edge phase dimmers

**Technical data and equipment**

- Equipped with DECOSTAR® TITAN 46865 VWFL dichroic reflector lamp
- 

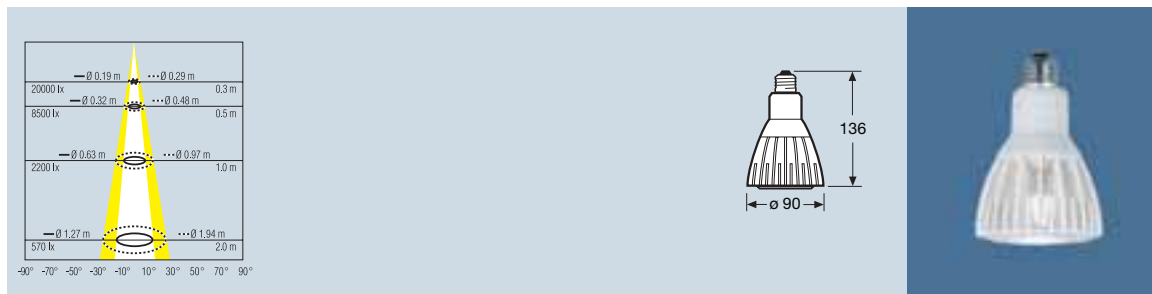


System end pieces for luminaire structures (included)

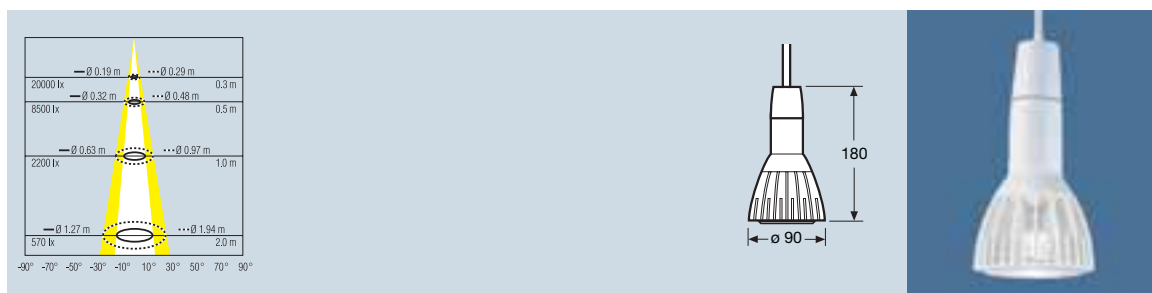


Typical installation with system end pieces





Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	
<b>DECOSTAR® STUDIO IRC</b>								
41468	4050300553115	white	35	230	50	136	90	4x1
41468	4050300553139	silver	35	230	50	136	90	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	
<b>DECOSTAR® STUDIO IRC-P</b>								
41473	4050300602158	white	35	230	50	180	90	4x1

**Description and features**

DECOSTAR® STUDIO IRC luminaires offer quick and easy ways to create brilliant accent lighting with halogen light. The integrated 35 W IRC energy-saving halogen lamp provides as much as light as a 50 W halogen dichroic reflector lamp. It offers electricity savings of 70% compared with PAR 38 lamps and is extremely durable.

- Integrated HALOTRONIC® electronic transformer
- Can be controlled by trailing-edge phase dimmers

**DECOSTAR® STUDIO IRC 35 W**

- Attractive high-intensity halogen adapter
- With E27 screw base

**DECOSTAR® STUDIO IRC-P 35 W**

- Decorative pendant luminaire based on the DECOSTAR® STUDIO IRC halogen adapters
- With pendant cable and ceiling rose

**Technical data and equipment**

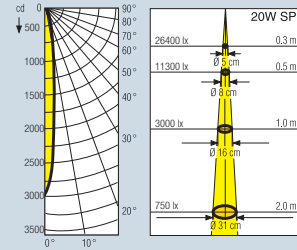
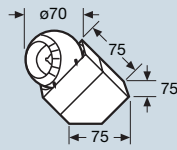
- Equipped with DECOSTAR® IRC 48865 WFL 38° lamp
- 

**DECOSTAR® STUDIO IRC 35 W**

- 

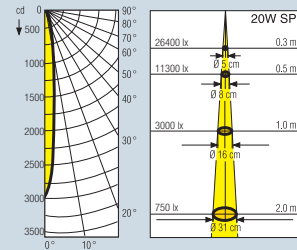
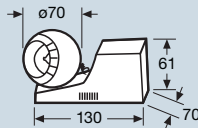
**DECOSTAR® STUDIO IRC-P 35 W**

-



44860 SP  
MINISPOT

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>MINISPOT Cube</b>									
41601	4050300001852	white	20	230	50	75	75	75	4x1
41601	4050300001869	black	20	230	50	75	75	75	4x1



44860 SP  
MINISPOT

Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>MINISPOT Rhombus</b>									
41701	4050300001876	white	20	230	50	130	70	61	4x1
41701	4050300001883	black	20	230	50	130	70	61	4x1

## Description and features

MINISPOT Cube and MINISPOT Rhombus are classics among compact halogen luminaires. The head is held in place by magnets and can be adjusted to any angle. When the head is removed from the magnets the lamp goes out.

- Particularly compact halogen luminaire
- Stainless steel head held in place with magnets and adjustable to any angle
- Ready to install with 2 m of cable and plug

## MINISPOT Cube

- Profile included for attaching to walls and ceilings
- With cubic base
- Switch integrated in the power cable

## MINISPOT Rhombus

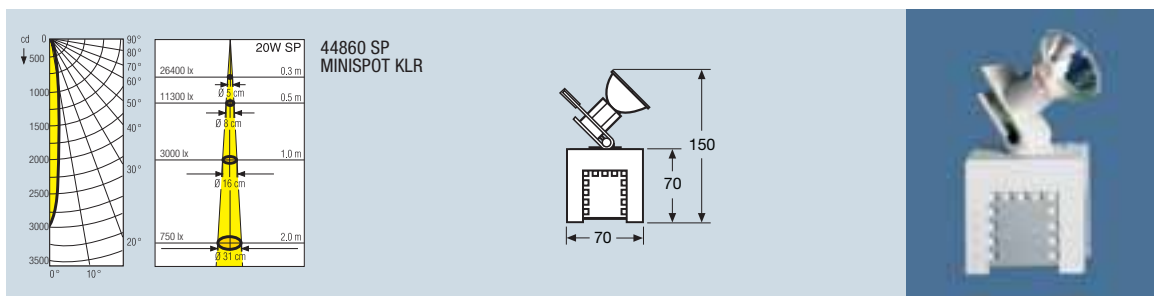
- Mounting plate included
- With long base
- Switch in the luminaire

## Technical data and equipment

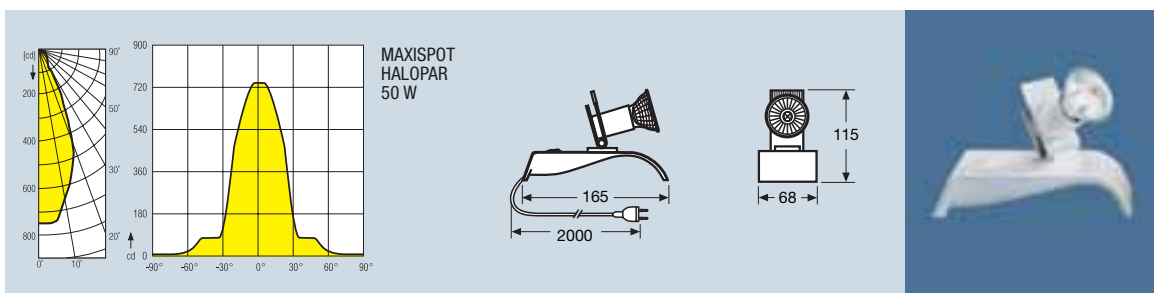
- Equipped with DECOSTAR® 51S STANDARD 44860SP 10° lamp
-



# MINISPOT KLR MAXISPOT HALOPAR® 50 W



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>MINISPOT KLR</b>									
42311	4050300017136	white	20	230	50	70	70	150	4x1
42311	4050300017143	black	20	230	50	70	70	150	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>MAXISPOT HALOPAR® 50 W</b>									
43697	4050300643144	white	50	230	0-60	165	68	115	4x1
43697	4050300643168	black	50	230	0-60	165	68	115	4x1

## Description and features

MINISPOT KLR and MAXISPOT HALOPAR® 50 W are elegant compact halogen luminaires ready to install for brilliant accent lighting and spotlighting in confined spaces.

- Luminaire head rotates through 270° and swivels through 90°
- Ready to install with 2 m of cable and plug
- Integrated switch

### MINISPOT KLR

- Dichroic reflector lamp with clear shield for spotlighting heat-sensitive objects
- With wall mounting bracket

### MAXISPOT HALOPAR® 50 W

- Direct operation on mains voltage
- Can be controlled with any standard dimmer

## Technical data and equipment

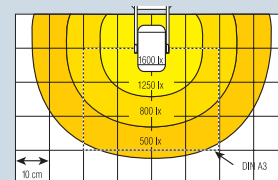
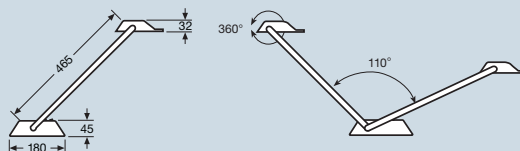
### MINISPOT KLR

- Equipped with DECOSTAR® 51S STANDARD 44860SP 10° lamp
- 

### MAXISPOT HALOPAR® 50 W

- Equipped with HALOPAR® 16 Cool Beam 64826 FL 30° lamp
-

# HALOSTAR® TABLE 50 W OSRAM DULUX® TABLE ECO



Max. illuminance 1600 lx at a distance of 40 cm (switching stage II)

Product reference	Product number	COLOR	W	V	Hz	
<b>HALOSTAR® TABLE</b>						
43721	4050300271996	white	50	230	50	4x1

## Description and features

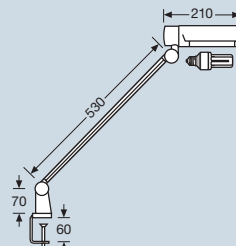
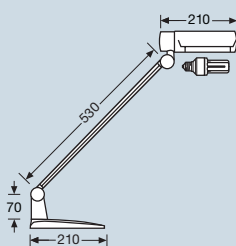
The HALOSTAR® TABLE 50 W halogen table luminaire combines state-of-the-art design with high-quality light for working and reading or highlighting a variety of objects.

- Functional table-top luminaire with a particularly bright lamp
- Compact luminaire head at the end of slender arms adjustable to any angle

- Two-stage switch in the base
- Ready to install with 2 m of cable and plug

## Technical data and equipment

- Equipped with HALOSTAR STARLITE® 64440 S 50 W lamp
- 



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE ECO</b>							
73176	4050300564005	Clamp	silver	21	220-240	50-60	4x1
73177	4050300566641	Base	silver	21	220-240	50-60	4x1

## Description and features

OSRAM DULUX® TABLE ECO is a single-arm table light with advanced technology for infinite adjustment of the arm.

- Infinitely adjustable arm thanks to Comfort System hinge with no adjusting screws or external springs
- Tilt-and-swivel head with adjustable glare guard

- Ready to install with 2 m of cable and plug
- Low-profile base or clamp

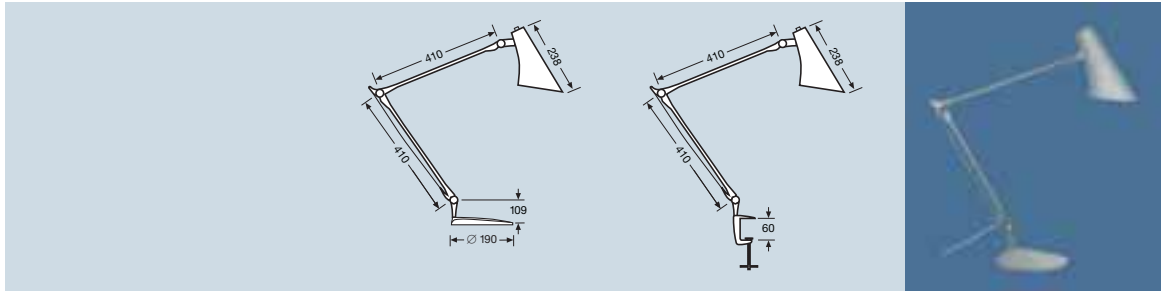
## Technical data and equipment

- Equipped with OSRAM DULUX® EL 21 W 41-827 lamp
-

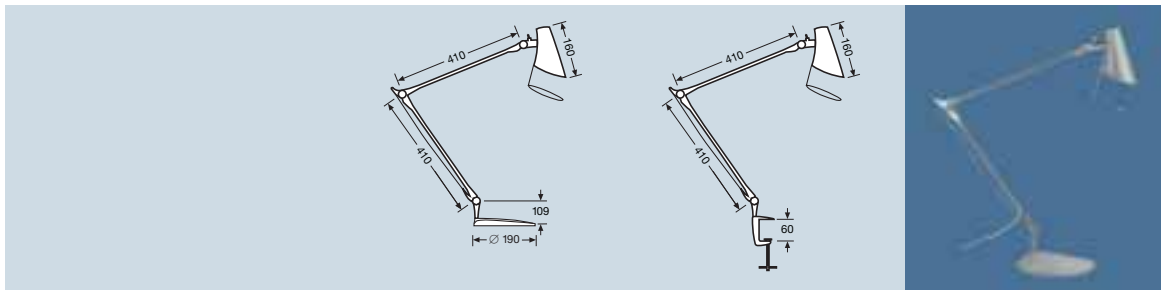




# OSRAM DULUX® TABLE JET HALOPIN® TABLE JET



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE JET</b>							
73180	4050300867168	Clamp	silver	20	230	50-60	4x1
73180-47	4050300867182	Base	silver	20	230	50-60	4x1



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>HALOPIN® TABLE JET</b>							
43730	4050300862163	Clamp	silver	60	230	50	4x1
43730-47	4050300862408	Base	silver	60	230	50	4x1

## Description and features

OSRAM DULUX® TABLE JET and HALOPIN® TABLE JET are prestige table lights made of aluminium with clear lines and high levels of lighting comfort. The table lights differ essentially in the lamps used and therefore in the different sizes of the heads.

- Adjustable double-tube arm with integrated spring balance system
- Luminaire head tilts and swivels in all directions (HALOPIN® TABLE JET includes a safety spacer ring)
- On/off switch on the head
- Arm can rotate in the elegant base or in the clamp
- Ready to install with 2 m of transparent cable and plug

## Technical data and equipment

- 

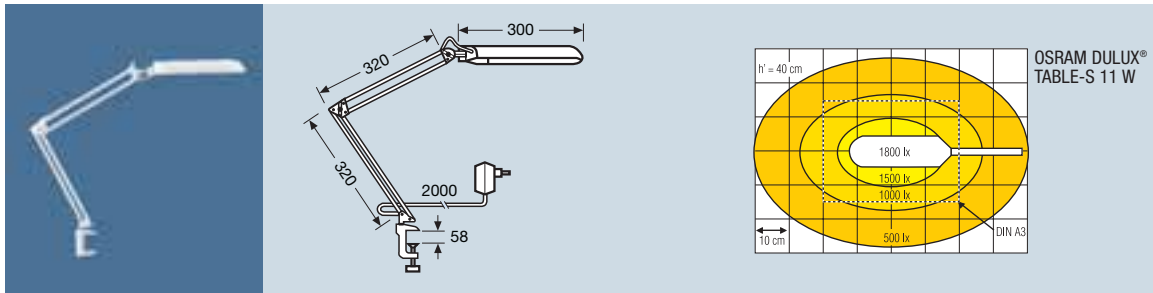
### OSRAM DULUX® TABLE JET

- Equipped with OSRAM DULUX® EL LONGLIFE SHORT 20 W

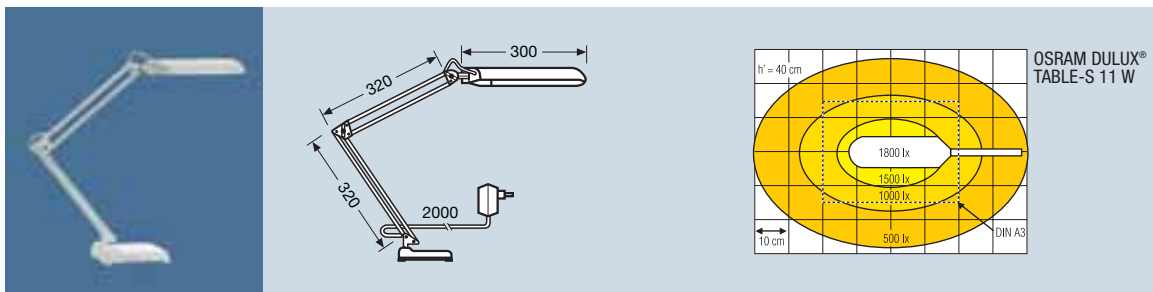
### HALOPIN® TABLE JET

- Equipped with HALOPIN® 66660 60 W lamp

# OSRAM DULUX® TABLE-S 11 W



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE-S</b>							
73061	4050300008707	Clamp	white	11	230	50	4x1
73061	4050300008714	Clamp	black	11	230	50	4x1



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE-S</b>							
73065	4050300015972	Base	white	11	230	50	4x1
73065	4050300015989	Base	black	11	230	50	4x1

## Description and features

OSRAM DULUX® TABLE-S 11 W are elegant table-top luminaires with tilt-and-swivel luminaire heads.

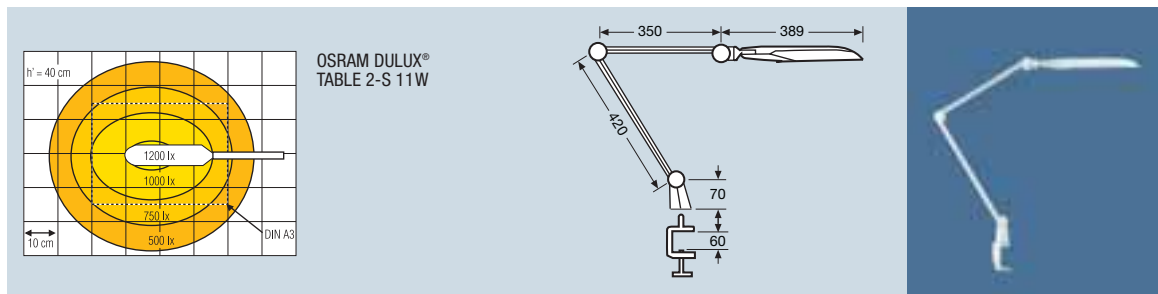
- General-purpose, functional desktop and work light
- 11 W energy-saving lamp as bright as a conventional 75 W light bulb
- Deep reflector ensures particularly uniform illumination
- Fully adjustable arm
- Low-profile base or clamp
- Ready to install with 2 m of cable and plug with integrated control gear

## Technical data and equipment

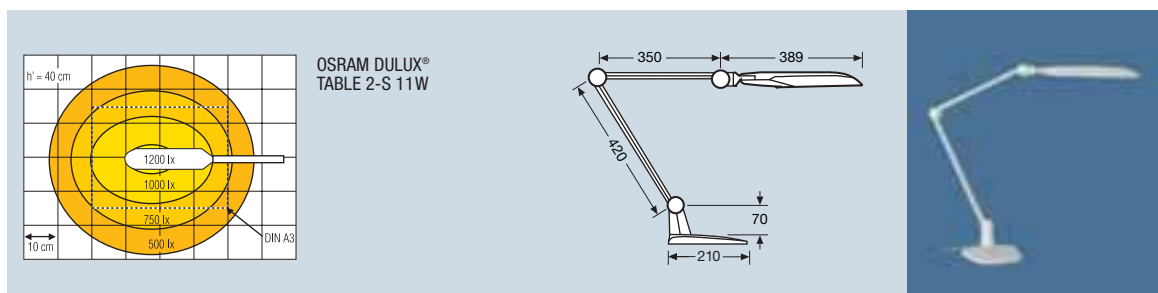
- Equipped with OSRAM DULUX® S 11 W 41-827 lamp
- 



# OSRAM DULUX® TABLE 2-S 11 W



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE 2-S</b>							
73062	4050300853086	Clamp	white	11	230	50	4x1
73062	4050300853048	Clamp	silver	11	230	50	4x1



Product reference	Product number	TYPE	COLOR	W	V	Hz	
<b>OSRAM DULUX® TABLE 2-S</b>							
73062-47	4050300859842	Base	white	11	230	50	4x1
73062-47	4050300859866	Base	silver	11	230	50	4x1

## Description and features

OSRAM DULUX® TABLE 2-S 11 W is a combination of a modern, functional table-top luminaire with high-intensity, long-life compact fluorescent lamps and a sophisticated hinge mechanism (CS).

- Highly functional desktop luminaire in a clear, elegant design
- Adjustable to any angle thanks to newly developed hinge system (comfort system)
- Low-profile stable base or clamp
- Ready to install with 2 m of cable and plug with integrated control gear

## Technical data and equipment

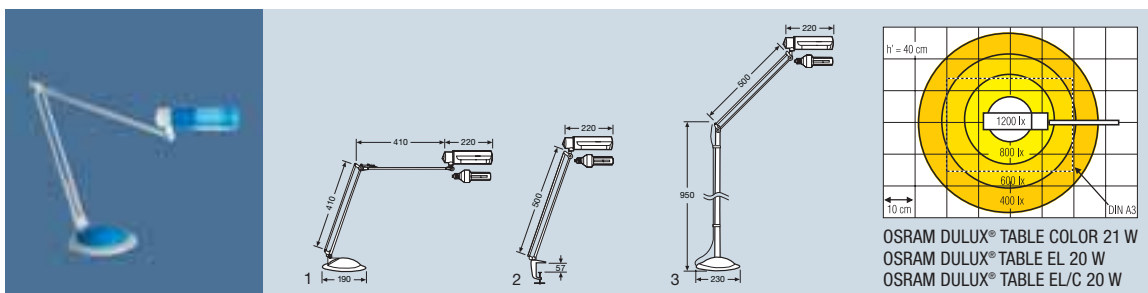
- Equipped with OSRAM DULUX® S 11 W 31-830 lamp
- IP20




# OSRAM DULUX® TABLE COLOR, OSRAM DULUX® TABLE EL OSRAM DULUX® TABLE EL/C, OSRAM DULUX® BASE EL

electronic  
comfort light

Quick start  
Discolor free  
Energy saving  
Longer lamp life



Product reference	Product number	TYPE	COLOR	W	V	Hz	No.		
<b>OSRAM DULUX® TABLE COLOR</b>									
73178	4050300620886	Base	blue	21	220-240	50-60	1	4x1	
73178	4050300620862	Base	red	21	220-240	50-60	1	4x1	
73178	4050300620848	Base	yellow	21	220-240	50-60	1	4x1	
<b>OSRAM DULUX® TABLE EL</b>									
73174	4050300478357	Base	silver	20	220-240	50-60	1	4x1	
<b>OSRAM DULUX® TABLE EL/C</b>									
73173	4050300560427	Clamp	silver	20	220-240	50-60	2	4x1	
<b>OSRAM DULUX® BASE EL</b>									
73172	4050300593999	Base	silver	20	220-240	50-60	3	4x1	

## Description and features

The OSRAM DULUX® TABLE COLOR, TABLE EL and TABLE EL/C table-top luminaires and the OSRAM DULUX® BASE EL floor-standing luminaires combine functional design with high level of lighting comfort providing flexible directional light at low operating cost for reading and working.

- Elegant table or floor-standing luminaire (OSRAM DULUX® BASE EL)
- Compact luminaire head with adjustable anti-glare guard
- With long-life compact electronic fluorescent lamp
- Ready to install with 2 m of cable and plug

OSRAM DULUX® TABLE COLOR and OSRAM DULUX® TABLE EL:

- Adjustable spring-mounted arm in rotary base
- Double-tube arm

OSRAM DULUX® TABLE EL/C:

- Adjustable spring-mounted arm in screw clamp
- Single-tube arm

OSRAM DULUX® BASE EL:

- Adjustable spring-mounted arm in upright
- Single-tube arm

## Technical data and equipment

-    

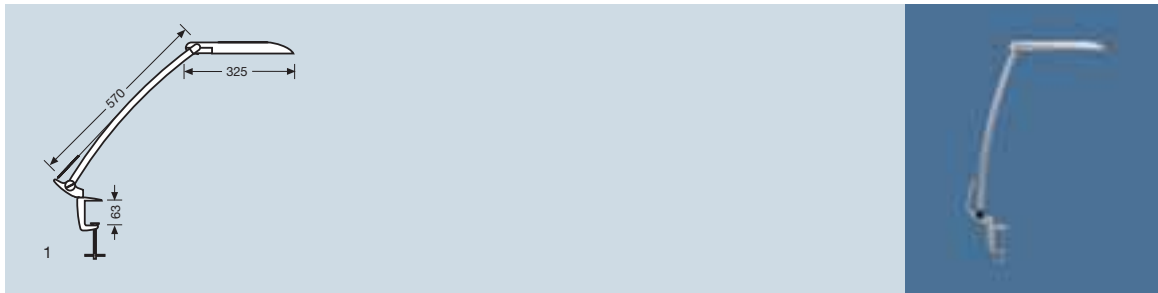
OSRAM DULUX® TABLE COLOR:

- Equipped with OSRAM DULUX® EL ECONOMY 21 W 41-827 lamp

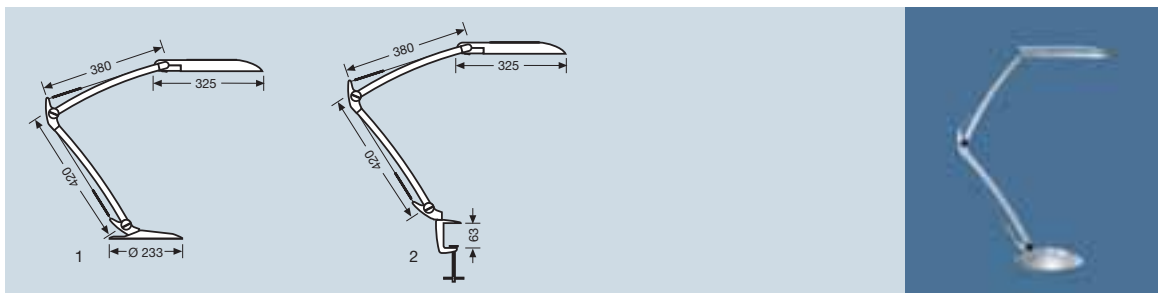
OSRAM DULUX® TABLE EL, OSRAM DULUX® TABLE EL/C and OSRAM DULUX® BASE EL:

- Equipped with OSRAM DULUX® EL LONGLIFE 20 W 41-827 lamp





Product reference	Product number	TYPE	COLOR	W	V	Hz	No.	
<b>OSRAM DULUX® TABLE SPRING 1</b>								
73158	4050300667270	Clamp	silver	11	230	50	1	4x1



Product reference	Product number	TYPE	COLOR	W	V	Hz	No.	
<b>OSRAM DULUX® TABLE SPRING 2</b>								
73159	4050300667232	Base	silver	11	230	50	1	4x1
73160	4050300667256	Clamp	silver	11	230	50	2	4x1

## Description and features

OSRAM DULUX® TABLE SPRING are low-cost, high-quality table lights for the home and office. A pleasant blue light shimmers through the transparent inset in the head.

- Low-cost table light in a modern design
- Swivel head with aluminium reflector
- Decorative arm made from shaped aluminium profile
- Ready to install with 2 m of cable and plug with integrated control gear

### OSRAM DULUX® TABLE SPRING 1

- With clamp
- Single-tube arm

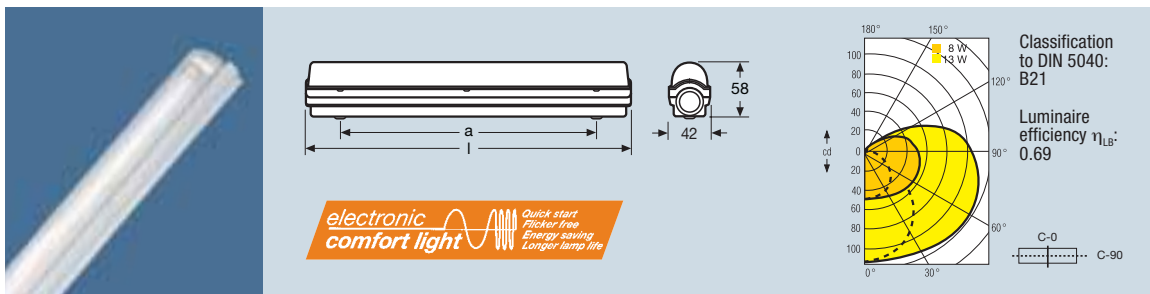
### OSRAM DULUX® TABLE SPRING 2

- With base or clamp
- Double-tube arm

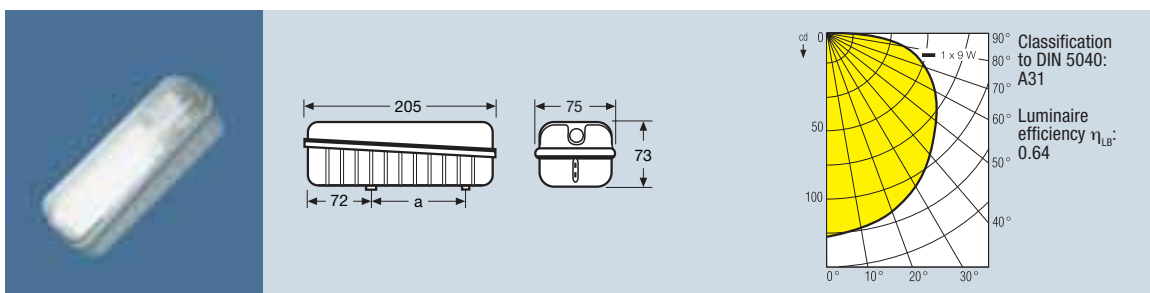
## Technical data and equipment

- Equipped with OSRAM DULUX® S 11 W 31-830 lamp
- **CE**

# LUMILUX BRIK® EL OSRAM DULUX BRIK®



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LUMILUX BRIK® EL</b>										
72181	4050300440880	grey	8	230	50-60	330	42	58	260	4x1
72185	4050300440903	grey	13	230	50-60	560	42	58	400	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX BRIK®</b>										
73036	4050300315966	grey	9	230	50	205	75	73	102	4x1
73036	4050300315980	black	9	230	50	205	75	73	102	4x1

## Description and features

The LUMILUX BRIK® EL batten luminaire and the OSRAM DULUX BRIK® compact luminaire are energy-saving damp-proof luminaires with a protective transparent cover for fixed connection indoors and out.

### LUMILUX BRIK® EL

- Slim splash-proof wall and ceiling batten luminaire for damp locations
- With electronic control gear
- With prismatic lamp cover for soft glare-free light
- For fixed connection
- Can be through-wired to create strip lighting

### OSRAM DULUX BRIK®

- Particularly compact splash-proof complete luminaire for indoors and out
- Lamp cover with special diffuser for pleasant glare-free light
- For fixed connection

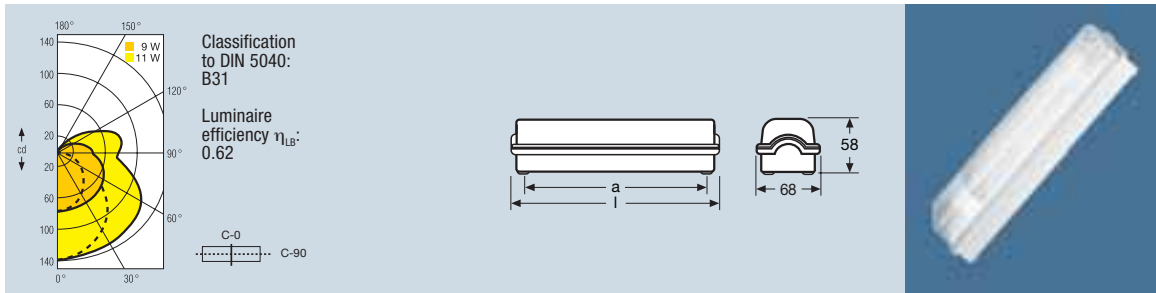
## Technical data and equipment

### LUMILUX BRIK® EL

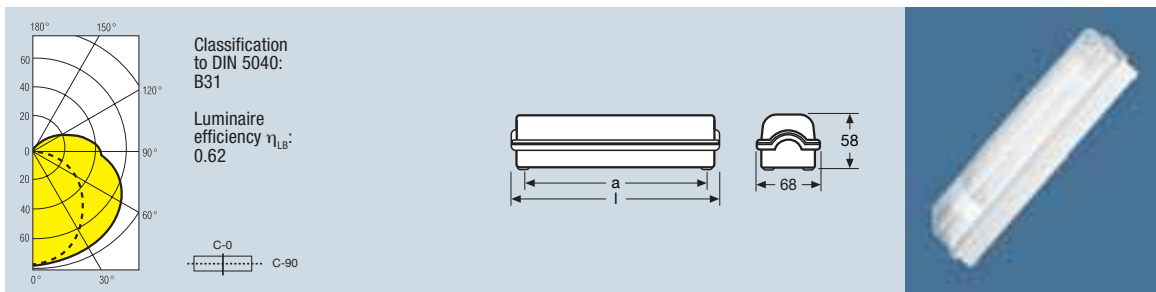
- Equipped with LUMILUX® T5 21-840 lamp
- Dust-proof and splash-proof IP54
- 

### OSRAM DULUX BRIK®

- Equipped with OSRAM DULUX® S 9 W 21-840 lamp
- Splash-proof IP44
-



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX BRIK® EL</b>										
74121	4050300440927	grey	9	230	50-60	224	68	58	200	4x1
74125	4050300440941	grey	11	230	50-60	294	68	58	270	4x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>OSRAM DULUX BRIK® EL SENSOR</b>										
74121-75	4050300440965	grey	9	230	50-60	224	68	58	200	4x1

### Description and features

OSRAM DULUX BRIK® EL and OSRAM DULUX BRIK® EL SENSOR are energy and space-saving compact luminaires for damp locations with a transparent cover to protect against dust, splashes and water.

- Compact splash-proof lighting systems for indoors and out
- With OSRAM DULUXTRONIC® electronic control gear and integrated lamp holder
- With prismatic lamp cover for soft glare-free light
- For fixed connection
- Can be through-wired to create strip lighting

### OSRAM DULUX BRIK® EL SENSOR

- With sensor-controlled dawn-and-dusk switch: automatically switches on and off according to the amount of available daylight

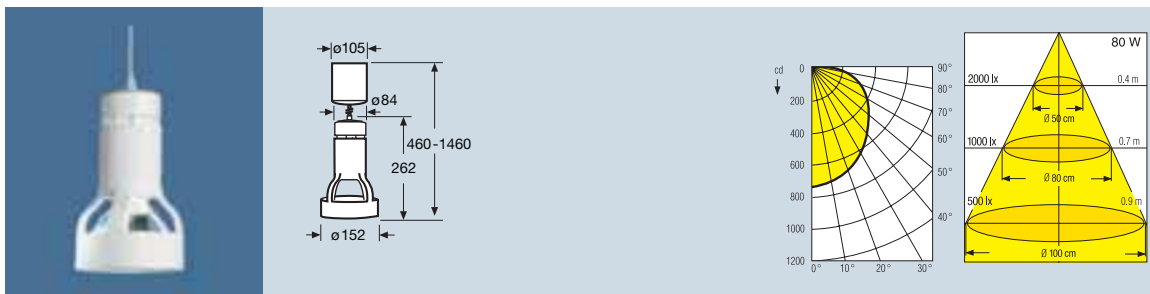
### Technical data and equipment

- Equipped with OSRAM DULUX® S/E 21-840 lamp
- Dust-proof and splash-proof IP54
- 

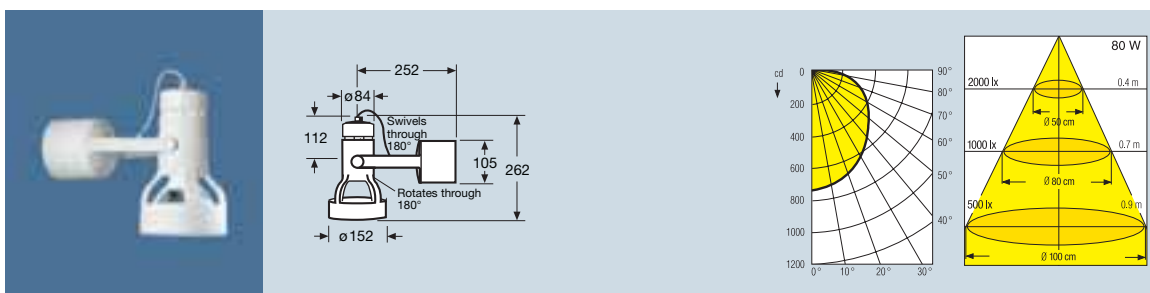
### OSRAM DULUX BRIK® EL

- 





Product reference	Product number	COLOR	W	V	Hz	$l$ [mm]	$d$ [mm]	
<b>FLORASET®-P</b>								
76110	4050300273907	white	80	230	50	262	152	4x1
76110	4050300273921	black	80	230	50	262	152	4x1



Product reference	Product number	COLOR	W	V	Hz	$l$ [mm]	$d$ [mm]	
<b>FLORASET®-F</b>								
76210	4050300274041	white	80	230	50	262	152	4x1
76210	4050300274065	black	80	230	50	262	152	4x1

**Description and features**

The attractive FLORASET®-P and FLORASET®-F plant luminaires provide the spectrum that plants need for photosynthesis and therefore for healthy natural growth.

- Particularly high-intensity plant luminaire with high-pressure discharge lamp
- Spectrum with balanced blue and red components
- With integrated control gear

**FLORASET®-P**

- Pendant luminaire with up to 1 m of cable for ceiling mounting

**FLORASET®-F**

- For fixed mounting on walls or ceilings

**Technical data and equipment**

- Equipped with HQL®-R DE LUXE 80 W lamp
-





# FLORALUX® EL-R 20 W PLANTALUX®



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	Icons
<b>FLORALUX® EL-R</b>								
74012	4050300432137	white	20	220-240	50-60	235	115	4x1

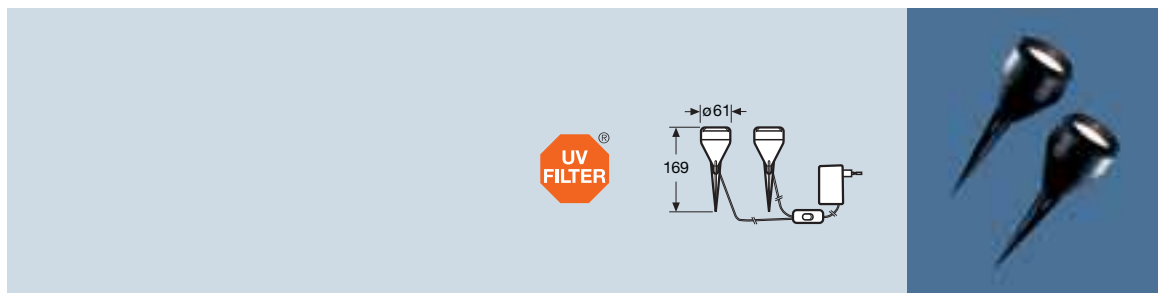
### Description and features

The attractive FLORALUX® EL-R 20 W plant luminaire provides the spectrum that plants need for photosynthesis and therefore for healthy natural growth.

- Compact pendant luminaire with energy-saving reflector lamp
- Energy-saving plant light with good colour rendering
- With long-life electronic energy-saving lamp for high level lighting comfort

### Technical data and equipment

- Equipped with OSRAM DULUX® EL-R 21-840 lamp
- CE IP20



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	Icons
<b>PLANTALUX®</b>								
42310	4050300462271	black	2x10	230	50	169	61	4x1

### Description and features

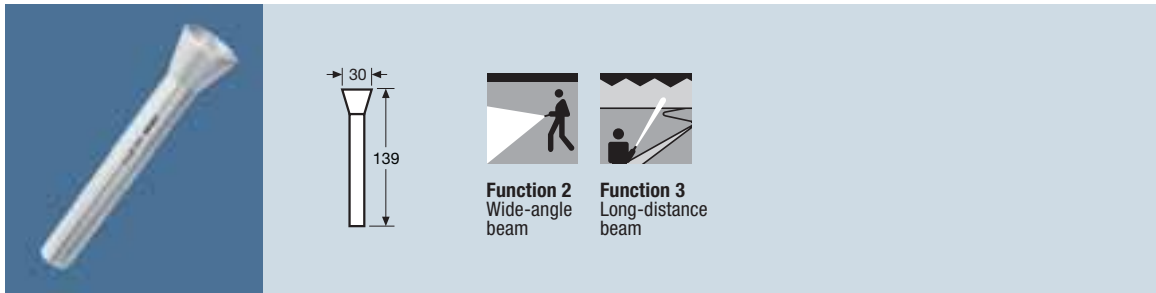
PLANTALUX® is a decorative spotlight with a ground spike for a simple attractive way to illuminate indoor plants and arrangements.

- Two halogen low-voltage spotlights with ground spikes
- For indoors
- Brilliant halogen light
- Ready to install with 3.5 m of cable and plug with integrated control gear
- Switch integrated in the power cable

### Technical data and equipment

- Equipped with HALOSTAR® STANDARD 64415 10 W lamp
- CE IP20

# MINI XENON XENON SUPER<sup>1)</sup>, XENON EXCELLENCE<sup>1)</sup>



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Quantity	Function
46464	4050300789606	MINI XENON	silver	139	30	6x1	2, 3
46464-01 (Blister)	4050300767963	MINI XENON	silver	139	30	6x1	2, 3

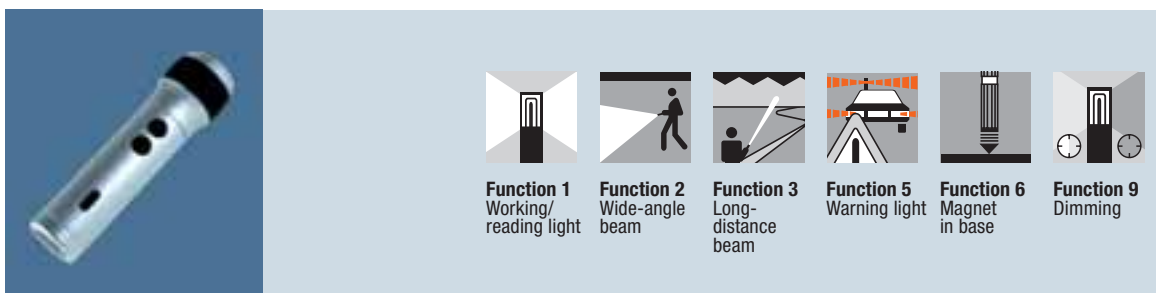
## Description and features

MINI XENON sets new standards in technology and power. With its ultra modern MINIWATT XENON lamp this torch provides pure white light of impressive brilliance.

- High-quality aluminium casing

## Technical data and equipment

- Equipped with MINIWATT® XENON 64092 lamp
- Rating: 2.7 V/0.8 A
- Batteries required: 2 x 1.5 V, LR 6 AA
- **CE**



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Quantity	Function
46465-01	4008321909077	XENON SUPER	silver	152	43	6x1	1, 2, 3, 5, 6, 9
46466-01	4008321909107	XENON EXCELLENCE	silver	252	43	6x1	1, 2, 3, 5, 6, 9

## Description and features

XENON SUPER and XENON EXCELLENCE are multi-functional high-intensity torches with MINIWATT® XENON lamps.

- High-quality aluminium casing
- Separate function switch
- Constant light and 2 dimming stages with focusable beam
- 2 flashing speeds
- Pull-out head for all-round working light or flashing warning light
- Practical magnet for easy mounting in base

## Technical data and equipment

- **CE**

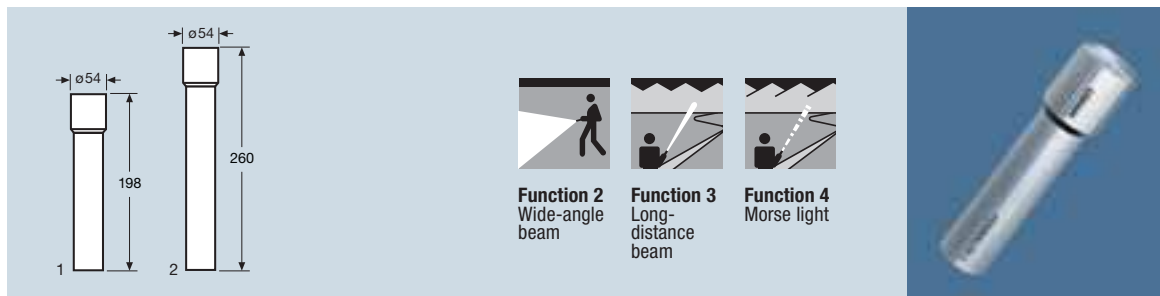
### XENON SUPER

- Equipped with MINIWATT® XENON 64095 lamp
- Rating: 4.0 V/0.6 A
- Batteries required: 3 x 1.5 V LR 6 AA

### XENON EXCELLENCE

- Equipped with MINIWATT® XENON 64096 lamp
- Rating: 4.0 V/0.83 A
- Batteries required: 3 x 1.5 V LR 14 C

# POWERLITE<sup>2)</sup> STAR HALOGEN, STAR HALOGEN ACCU



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	No.	Function
46414	4050300572819	POWERLITE 2	silver	198	54	1	6x1 2, 3, 4
46414-01 (Blister)	4050300569833	POWERLITE 2	silver	198	54	1	6x1 2, 3, 4
46416	4050300572833	POWERLITE 3	silver	260	54	2	6x1 2, 3, 4
46416-01 (Blister)	4050300569857	POWERLITE 3	silver	260	54	2	6x1 2, 3, 4

## Description and features

POWERLITE 2 and 3 are large, robust classic torches with super-bright halogen light with an enormous range.

- High-quality aluminium casing
- Computer designed superspot reflector for enormous range
- Wide beam, narrow beam and Morse function

## Technical data and equipment

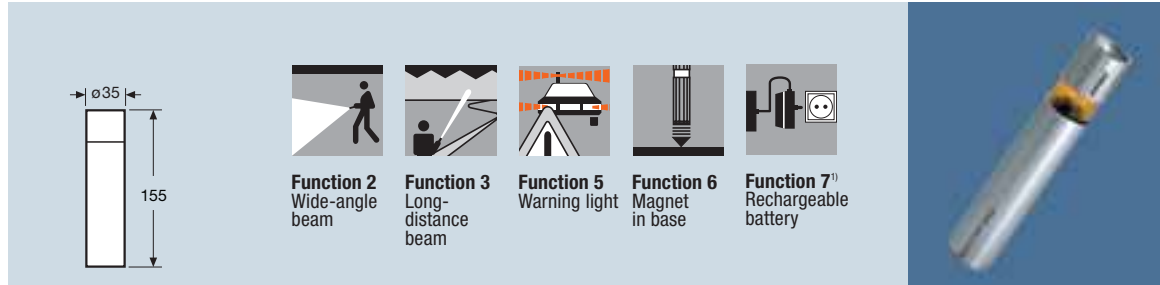
### • CE

POWERLITE 2:

- Equipped with MINIWATT® 6405310 lamp
- Rating: 2.8 V/0.85 A
- Batteries required: 2 x 1.5 V LR 20 D

POWERLITE 3:

- Equipped with MINIWATT® 6405910 lamp
- Rating: 4.0 V/0.85 A
- Batteries required: 3 x 1.5 V LR 20 D



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Function
46480	4050300501017	STAR HALOGEN	silver	155	35	6x1 2, 3, 5, 6
46480-01 (Blister)	4050300569734	STAR HALOGEN	silver	155	35	6x1 2, 3, 5, 6
46480-01 (Blister)	4050300532035	STAR HALOGEN	black	155	35	6x1 2, 3, 5, 6
46481 (Etui)	4050300524177	STAR HALOGEN	silver	155	35	6x1 2, 3, 5, 6
46485-01 (Blister)	4050300186610	STAR HALOGEN ACCU	silver	155	35	6x1 2, 3, 5, 6, 7 <sup>1)</sup>
46485-01 (Blister)	4050300532059	STAR HALOGEN ACCU <sup>2)</sup>	black	155	35	6x1 2, 3, 5, 6, 7 <sup>1)</sup>

## Description and features

STAR HALOGEN and STAR HALOGEN ACCU are compact torches made from high-grade aluminium that combine super-bright halogen light with well-thought out versatile functionality.

- High-quality aluminium casing
  - Long-range thanks to special computer-designed reflector
  - Wide beam, narrow beam and warning light functions
  - Practical magnet for easy mounting in base
- STAR HALOGEN ACCU
- With rechargeable, replaceable batteries

## Technical data and equipment

- Equipped with MINIWATT® 6405710 tungsten halogen lamp

### • CE

STAR HALOGEN:

- Batteries required: 3 x 1.5 V LR 6 AA

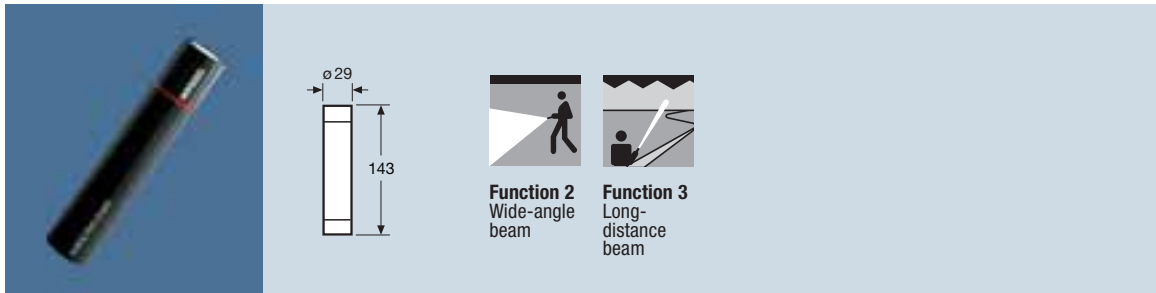
STAR HALOGEN ACCU:

- Batteries required: 3 x 1.2 V/0.5 A
- Mains voltage: 230 V/50 Hz

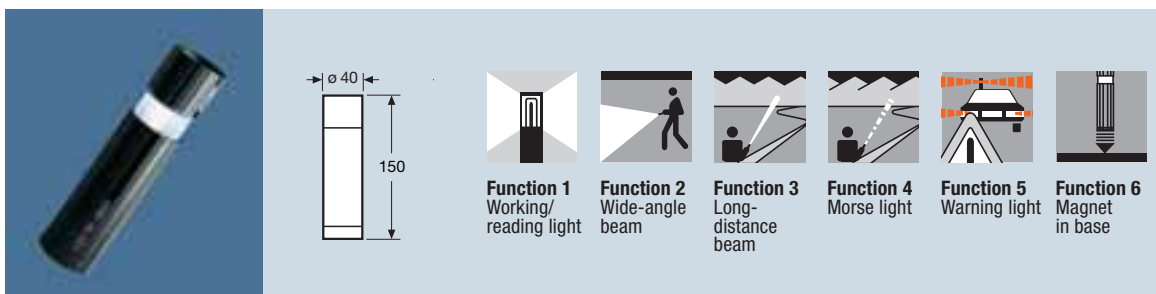


1) Replaceable battery, with mains charger  
2) Product about to be discontinued

# MINI HALOGEN HOBBY HALOGEN, MULTI HALOGEN



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Quantity	Function
46420	4050300020068	MINI HALOGEN	black	143	29	12x1	2, 3



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Quantity	Function
46496	4050300011738	HOBBY HALOGEN	black	150	40	6x1	1, 2, 3, 4
46494	4050300007991	MULTI HALOGEN	black	150	40	6x1	2, 3, 4, 5, 6

## Description and features

MINI HALOGEN, HOBBY HALOGEN and MULTI HALOGEN are halogen torches in an easily portable format.

- Robust plastic casing
- Wide beam and narrow beam function

### HOBBY HALOGEN

- Additional Morse light
- Pull-out head for all-round working light

### MULTI HALOGEN

- Additional Morse light
- Pull-out head for flashing warning light
- Practical magnet for easy mounting in base

## Technical data and equipment

- CE

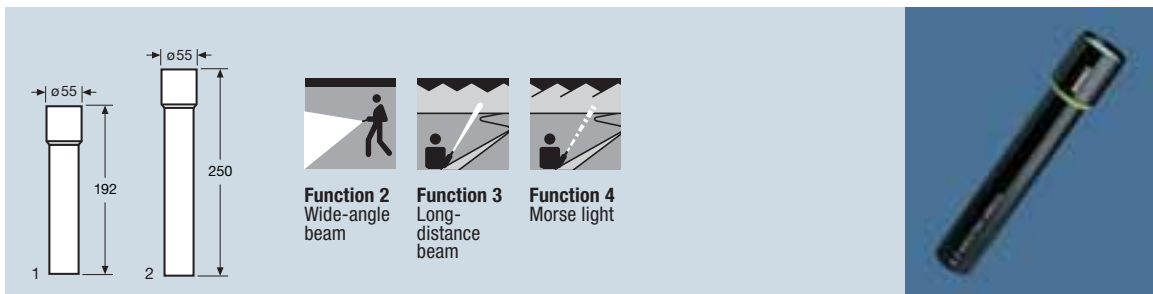
### MINI HALOGEN

- Equipped with MINIWATT® 6405310 lamp
- Rating: 2.8 V/0.85 A
- Batteries required: 2 x 1.5 V LR 14 C

### HOBBY HALOGEN and MULTI HALOGEN

- Equipped with MINIWATT® 6406310 lamp
- Rating: 5.2 V/0.5 A
- Batteries required: 4 x 1.5 V LR 6 AA

# POWER HALOGEN Z HALOMAX®-S MAGNIFYING GLASS



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	No.	Function
46412	4050300322469	POWER HALOGEN Z2	black	192	55	1	6x1, 2, 3, 4
46413	4050300322483	POWER HALOGEN Z3	black	250	55	2	6x1, 2, 3, 4

## Description and features

POWER HALOGEN Z2 and Z3 are large, robust classic torches with super-bright halogen light with an enormous range.

- Robust plastic casing
- Computer designed superspot reflector for enormous range
- Wide beam, narrow beam and Morse function

## Technical data and equipment

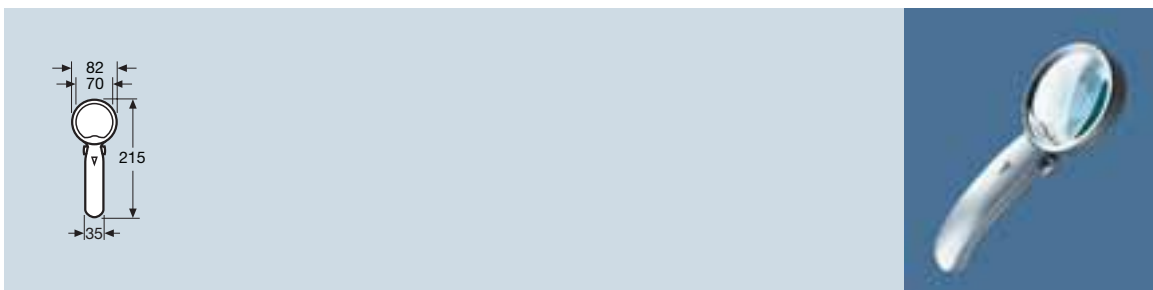
- CE

POWER HALOGEN Z2

- Equipped with MINIWATT® 6405310 lamp
- Rating: 2.8 V/0.85 A
- Batteries required: 2 x 1,5 V LR 20 D

POWER HALOGEN Z3

- Equipped with MINIWATT® 6405910 lamp
- Rating: 4.0 V/0.85 A
- Batteries required: 3 x 1,5 V LR 20 D



Product reference	Product number	Product name	COLOR	l [mm]	b [mm]	h [mm]	Function
46461	4050300169729	HALOMAX®-S MAGNIFYING GLASS	silver	215	82	25	6x1
46461-01 (Blister)	4050300625652	HALOMAX®-S MAGNIFYING GLASS	silver	215	82	25	6x1

## Description and features

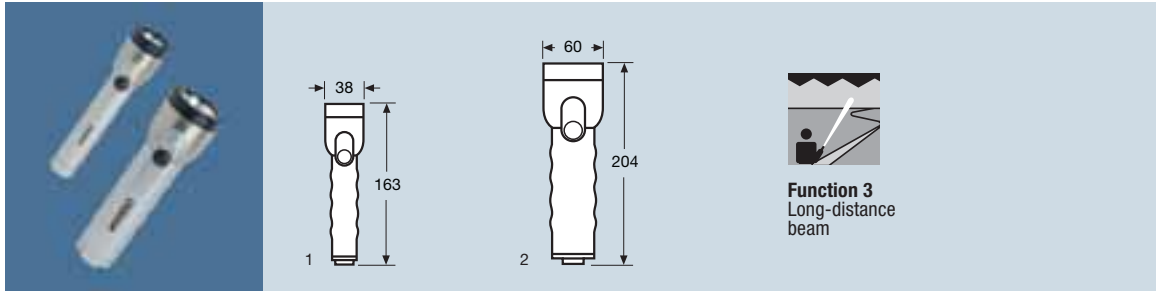
HALOMAX®-S is an ergonomic magnifying glass with a high-quality lens and built-in halogen lamp.

- Conveniently sited light-switch for right-handers and left-handers
- High-quality optical lens from scratch-resistant glass with 7 cm diameter and 2.5x magnification

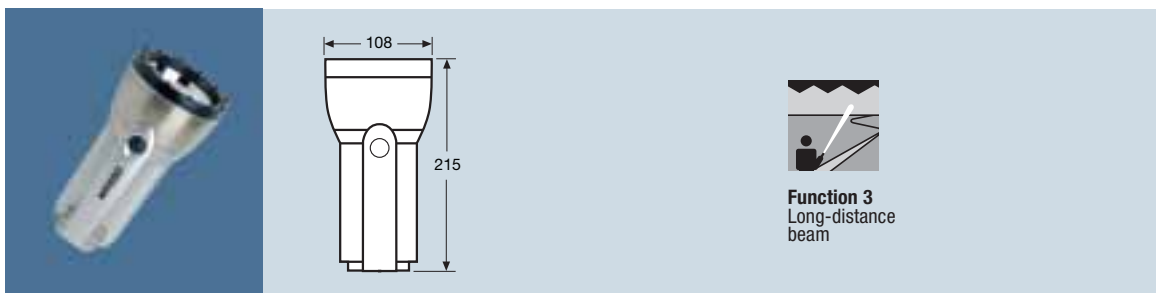
## Technical data and equipment

- Equipped with MINIWATT® 6406330 lamp
- Rating: 5.2 V/0.5 A
- Batteries required: 4 x 1.5 V, LR 6 AA
- CE

# MINI KRYPTON, KRYPTON METAL KRYPTON POWER



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	No.	Function
46476-01 (Blister)	4050300616001	MINI KRYPTON	silver/blue	163	38	1	3
46479-01 (Blister)	4050300615967	KRYPTON METAL	silver/blue	204	60	2	3



Product reference	Product number	Product name	COLOR	l [mm]	d [mm]	Function
46477	4050300615981	KRYPTON POWER	silver/blue	215	108	3

## Description and features

MINI KRYPTON, KRYPTON METAL and KRYPTON POWER are torches with modern krypton lamps and practical design.

- Robust steel/plastic casing
- Splash-proof
- Practical fastening ring

### MINI KRYPTON and KRYPTON METAL

- Compact torch

### KRYPTON POWER

- High-power searchlight
- For long range
- Easy to hold handle

## Technical data and equipment

- CE

### MINI KRYPTON

- Equipped with MINIWATT® KRYPTON 2127 lamp
- Rating: 2.4 V/0.7 A
- Batteries required: 2 x 1.5 V LR 6 AA

### KRYPTON METAL

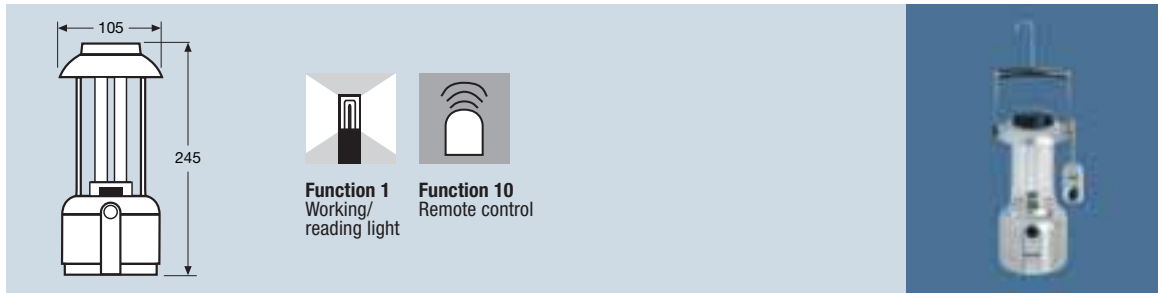
- Equipped with MINIWATT® KRYPTON 2127 lamp
- Rating: 2.4 V/0.7 A
- Batteries required: 2 x 1,5 V LR 20 D

### KRYPTON POWER

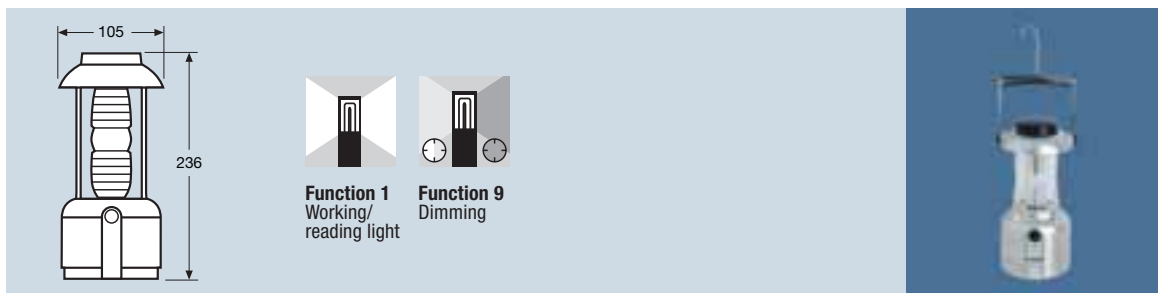
- Equipped with MINIWATT® KRYPTON 2155 lamp
- Rating: 5.2 V/0.5 A
- Batteries required: 4 x 1,5 V LR 20 D



# CAMPING ENERGY AUTOMATIC CAMPING HALOGEN DIM



Product reference	Product number	Product name	COLOR	h [mm]	d [mm]	Quantity	Function
46471	4050300776057	CAMPING ENERGY AUTOMATIC	silver/blue	245	105	6x1	1, 10



Product reference	Product number	Product name	COLOR	h [mm]	d [mm]	Quantity	Function
46475	4050300900063	CAMPING HALOGEN DIM	silver/blue	236	105	6x1	1, 9

## Description and features

CAMPING ENERGY AUTOMATIC and CAMPING HALOGEN DIM are modern camping lanterns in high-quality design.

- Robust steel/plastic casing
- Splash-proof
- Practical carrying handle and hanging hook

### CAMPING ENERGY AUTOMATIC

- With 7 W energy-saving lamp for wide-area work light
- As bright as a 40 W light bulb
- Remote control for standby mode

### CAMPING HALOGEN DIM

- For brilliant white halogen light
- 4 levels: 100%, 70%, 35%, 8%

## Technical data and equipment

- Batteries required: 4 x 1.5 V LR 20 D
- **CE**

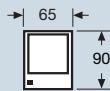
### CAMPING ENERGY AUTOMATIC

- Equipped with OSRAM DULUX® S/E 31-830 lamp
- Rating: 7 W

### CAMPING HALOGEN DIM

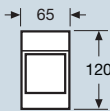
- Equipped with MINIWATT® 6406310 lamp
- Rating: 5.2 V/0.85 A

# OSRAM DULUX® MINI MINI COMBI



**Function 1**  
Working/  
reading light

Product reference	Product number	Product name	COLOR	l [mm]	b [mm]	h [mm]		Function
46429	4050300455839	OSRAM DULUX MINI	black	90	65	19	6x1	1
46429-01 (Blister)	4050300165769	OSRAM DULUX MINI	black	90	65	19	6x1	1



**Function 1**  
Working/  
reading light



**Function 3**  
Long-distance  
beam

Product reference	Product number	Product name	COLOR	l [mm]	b [mm]	h [mm]		Function
46432	4050300556499	MINI COMBI	silver	120	65	20	6x1	1, 3
46432-01 (Blister)	4050300569819	MINI COMBI	silver	120	65	20	6x1	1, 3
46433 (Etui)	4050300606606	MINI COMBI	silver	120	65	20	6x1	1, 3

## Description and features

OSRAM DULUX® MINI and MINI COMBI are compact mini torches with extremely long life energy-saving compact fluorescent lamps.

- Robust plastic casing

### OSRAM DULUX® MINI

- Bright energy-saving light
- Work and reading light
- With a practical clip

### MINI COMBI

- Bright energy-saving lamps with super-bright halogen light
- Work and reading light plus wide beam

## Technical data and equipment

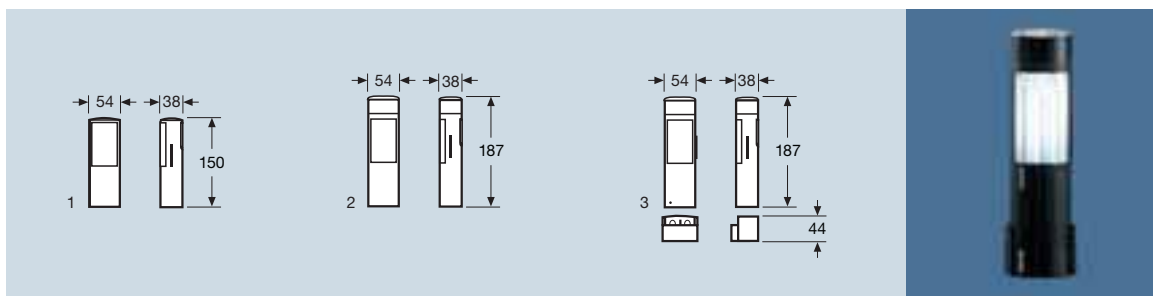
- Batteries required: 2 x 1.5 V LR 6 AA
- Equipped with LUMILUX® 21-840 lamp (not replaceable)
- Rating: 3 W
- **CE**

### MINI COMBI

- Also equipped with a MINIWATT® 6405210 lamp
- Rating: 2.8 V/0.5 A



# OSRAM DULUX® MOBIL, OSRAM DULUX® MOBIL COMBI OSRAM DULUX® MOBIL COMBI ACCU



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	No.	Function
<b>OSRAM DULUX® MOBIL</b>							
46430	4050300322520	black	150	54	38	1	6x1 1
<b>OSRAM DULUX® MOBIL COMBI</b>							
46431	4050300398280	black	187	54	38	2	6x1 1, 3, 9
<b>OSRAM DULUX® MOBIL COMBI ACCU</b>							
46436	4050300398303	black	187	54	38	3	6x1 1, 3, 7, 8, 9
46436-01 (Blister)	4050300569529	black	187	54	38	3	6x1 1, 3, 7, 8, 9



**Function 1**  
Working/  
reading light



**Function 3**  
Long-distance  
beam



**Function 7**  
Rechargeable  
battery



**Function 8**  
Emergency  
light function



**Function 9**  
Dimming

## Description and features

OSRAM DULUX® MOBIL, MOBIL COMBI and MOBIL COMBI ACCU are compact, high-intensity energy-saving torches with well-thought out functions for a range of applications.

- Robust plastic casing
- With 5 W energy-saving lamp for wide-area work light
- As bright as a 25 W light bulb
- Instant start thanks to electronic circuit
- With a practical clip

### OSRAM DULUX® MOBIL

- Bright energy-saving light
- Work and reading light

### OSRAM DULUX® MOBIL COMBI

- Bright energy-saving lamps with super-bright halogen light
- Work and reading light plus wide beam
- 2 brightness levels: 100% and 50%

### OSRAM DULUX® MOBIL COMBI ACCU

- Bright energy-saving lamps with super-bright halogen light
- Work and reading light plus wide beam
- 2 brightness levels: 100% and 50%

- Also with replaceable rechargeable batteries and wall bracket with mains charger
- Automatically switches on if it is in its charger and there is a power failure

## Technical data and equipment

- Equipped with LUMILUX® 21-840 lamp (not replaceable)
- Rating: 5 W

### OSRAM DULUX® MOBIL

- Batteries required: 4 x 1.5 V LR 6 AA

### OSRAM DULUX® MOBIL COMBI

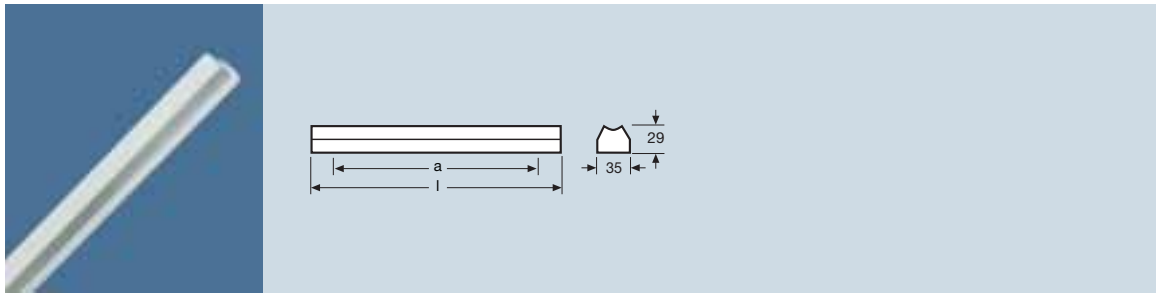
- Also equipped with a MINIWATT® 6406310 lamp
- Rating: 5.2 V/0.5 A
- Batteries required: 4 x 1.5 V LR 6 AA

### OSRAM DULUX® MOBIL COMBI ACCU

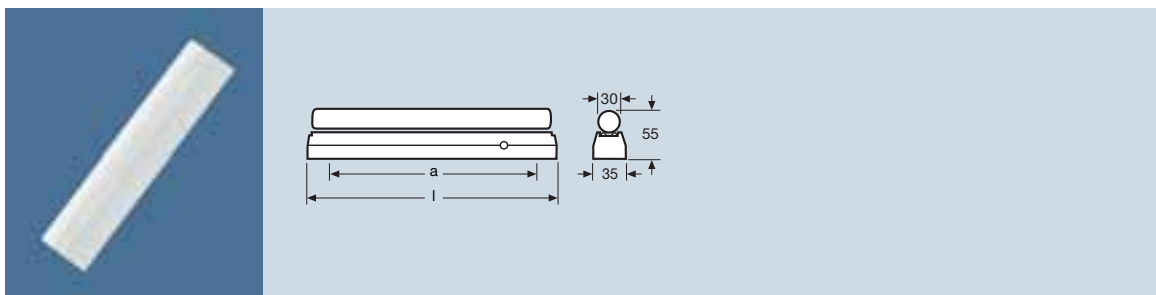
- Also equipped with a MINIWATT® 6406310 lamp
- Rating: 5.2 V/0.5 A
- Batteries required: 4 x 1.2 V KR 6 AA
- Charging station: 230 V/50 Hz
-

# LINESTRA® ALU

## LINESTRA® Set



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LINESTRA® ALU</b>										
0654K	4050300773278	alu	35	230	50	308	35	29	284	50x1
0655K	4050300773254	alu	60	230	50	508	35	29	484	50x1
0656K	4050300773919	alu	120	230	50	1008	35	29	984	30x1



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	a [mm]	
<b>LINESTRA® SET</b>										
92410	4050300003832	white	35	230	50	306	35	55	284	20x1
92420	4050300003849	white	60	230	50	506	35	55	484	20x1

### Description and features

LINESTRA® incandescent batten luminaires are ideal if soft glare-free light is needed. Incandescent light is particularly good for rendering skin tones.

- Ideal as mirror lighting in the bathrooms and wardrobes
- For fixed connection

#### LINESTRA® ALU

- High-quality aluminium section
- Supplied without lamps

#### LINESTRA® Set

- Robust plastic profile
- Opal version of the lamp provides especially soft light
- Integrated switch

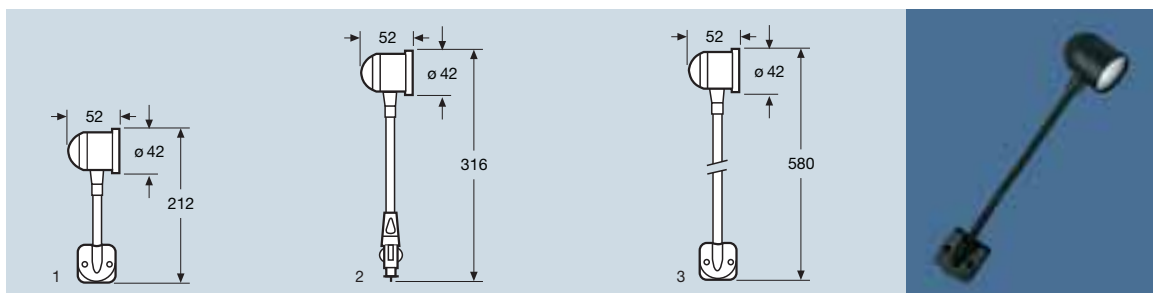
### Technical data and equipment

#### LINESTRA® ALU

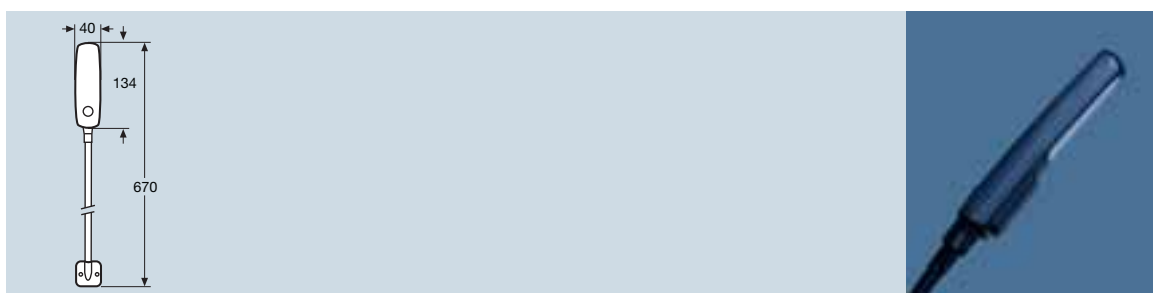
- Suitable for LINESTRA® lamps with double-ended S14s bases
- 

#### LINESTRA® Set

- Equipped with double-ended LINESTRA® 1603 (35 W) or 1604 (60 W) lamp
-



Product reference	Product number	TYPE	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	No.	
<b>COPILOT®</b>											
41508	4050300010632	COPILOT®-K	black	5	12	0-60	212	52	42	1	4x1
41510	4050300016856	COPILOT®-M	black	5	12	0-60	316	52	42	2	4x1
41509	4050300014050	COPILOT®-L	black	5	12	0-60	580	52	42	3	4x1
41509-24	4050300014067	COPILOT®-L 24	black	5	24	0-60	580	52	42	3	4x1



Product reference	Product number	TYPE	COLOR	W	V	l [mm]	b [mm]	h [mm]	
<b>OSRAM DULUX® COPILOT®</b>									
41541	4050300850986	OSRAM DULUX® COPILOT®-L	black	5	12	670	40	28	4x1
41546	4050300851013	OSRAM DULUX® COPILOT®-L 24	black	5	24	670	40	28	4x1

### Description and features

COPILOT® is a mobile reading light with a flexible arm, a head that can rotate through 360° and an integrated switch. It is equally at home in cars, trucks, boats, caravans and mobile homes.

COPILOT®-K and COPILOT®-M

- Brilliant halogen light

COPILOT®-K

- 10 cm arm and base for fixed mounting
- Complete with fixing kit ready for connection to a 12 V vehicle supply

COPILOT®-M

- 20 cm arm with connector for the cigarette lighter socket

• Ready for connection to a 12 V vehicle supply

COPILOT®-L and OSRAM DULUX® COPILOT®-L

- 50 cm arm and base for fixed mounting
- Complete with fixing kit ready for connection to a 12 V vehicle supply

- Clip for holding the luminaire when not in use

- Also available for 24 V systems

COPILOT®-L

- Brilliant halogen light

OSRAM DULUX® COPILOT®-L

- Pleasant wide-area light from a compact fluorescent lamp

### Technical data and equipment

- CE

COPILOT®

- Equipped with MINIWATT® 64111 lamp

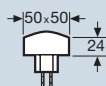
- Operating voltage: 12 V and 24 V

OSRAM DULUX® COPILOT®-L

- Equipped with OSRAM DULUX® S/E 5 W 41-827 lamp

- Operating voltage: 12 V and 24 V

# LUNETTA® LUNETTA® LED GLOBE



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>LUNETTA®</b>									
LUN ROT	4050300002019	red	0.3	230	50-60	50	50	24	20x1
LUN GRN	4050300002026	green	0.3	230	50-60	50	50	24	20x1

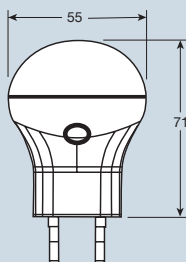
## Description and features

LUNETTA® is the classic among night lights. Their low power consumption makes these luminaires particularly economical.

- Available with a red or green cover
- With Euro plug

## Technical data and equipment

- Lamp life up to 40,000 hours
- IP20



Product reference	Product number	COLOR	W	V	Hz	l [mm]	d [mm]	
<b>LUNETTA® LED GLOBE</b>								
47020	4008321049490	silver	0.4	220-250	50	71	55	20x1

## Description and features

LUNETTA® LED GLOBE is a night light with a Euro plug. The integrated sensor controls the luminaire according to the amount of available ambient light. The prismatic cover ensures the light is distributed evenly.

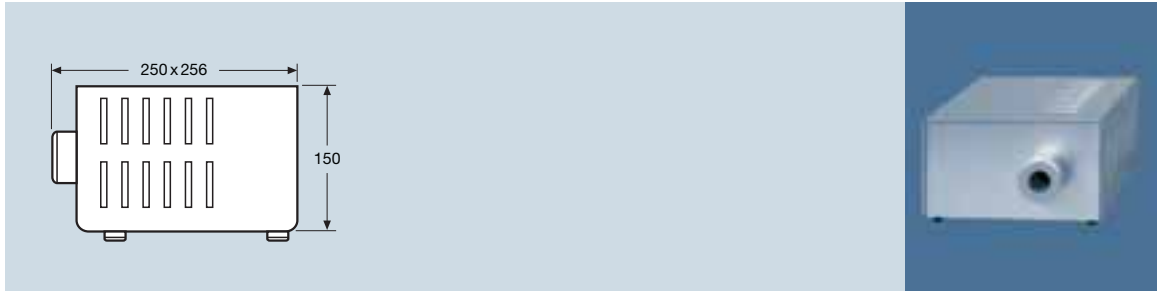
- Brightness sensor for automatic operation
- Prismatic cover to distribute the light evenly
- Moon motif on the cover

## Technical data and equipment

- IP20 <sup>1)</sup>
- Yellow LED (578 nm)



# OSRAM LITEGEN® HQI®-R THERATHERM® DE LUXE Set G172



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	Icons
<b>OSRAM LITEGEN® HQI®-R</b>									
20200	4050300559346	white	60	230-240	50-60	256	250	150	1x1

### Description and features

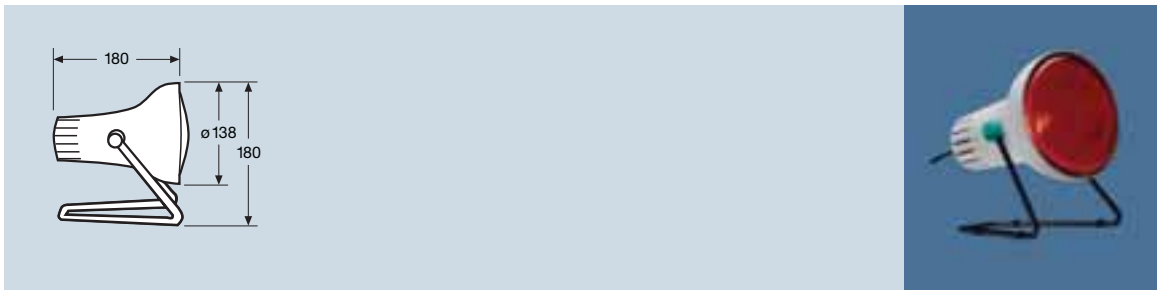
The OSRAM LITEGEN® HQI®-R 150 W light guide generator is a lighting idea from OSRAM for demanding lighting tasks. In light guide systems the light source and the point of emission may be in separate places. This is useful wherever installing a luminaire would be too costly or difficult.

- Highly-efficient compact light guide generator
- High-quality zinc plated casing

- Perfectly matched OSRAM technology for optimum photometric system:
- 50% longer lamp life with POWERTRONIC® PTU electronic control gear
- For light-guide optimised POWERSTAR® HQI®-R 150 W lamps with dichroic reflector

### Technical data and equipment

- Equipped with POWERSTAR HQI®-R 150 W/NDL FO lamp
- CE IP20



Product reference	Product number	COLOR	W	V	Hz	l [mm]	b [mm]	h [mm]	Icons
<b>THERATHERM® DE LUXE Set G172</b>									
20400	4050300003856	white	150	230	50	182	138	180	4x1

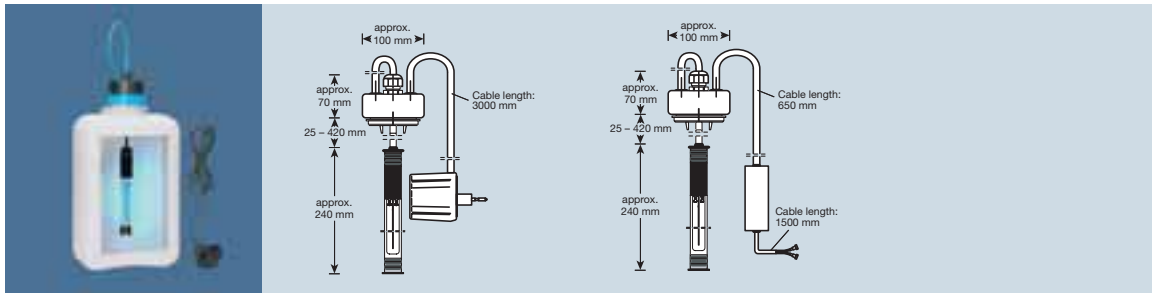
### Description and features

THERATHERM® DE LUXE Set G172 is a high-intensity infra-red heat lamp. The stand and adjustable lamp holder enable the lamp to be positioned precisely where the heat is needed.

- Powerful 150 W infra-red heat lamp
- Precise positioning of the heat
- Ready to install with 1.60 m of cable and plug

### Technical data and equipment

- Equipped with THERA RED PAR 38 DL 150 W lamp
- IP20



Product reference	Product number		COLOR	W	V	Hz	$\frac{l}{[mm]}$	$\frac{d}{[mm]}$	
<b>PURITEC®</b>									
20511	4008321904812	UVC-LPS 9 CCG	black	14	230	50	236	35	1x1
20512	4008321904829	UVC-LPS 9 ECG	black	9	12	0	236	35	1x1

**Description and features**

The PURITEC® UVC-LPS 9 UVC water purification system with integrated safety switch eliminates viruses and bacteria in drinking water using UVC radiation. The UVC module is simply suspended in a container of water and switched on. A UVC-LPS 9 system is suitable for containers with a capacity of 10 to 1000 litres. At the same time the UVC radiation disinfects the inside of the container.

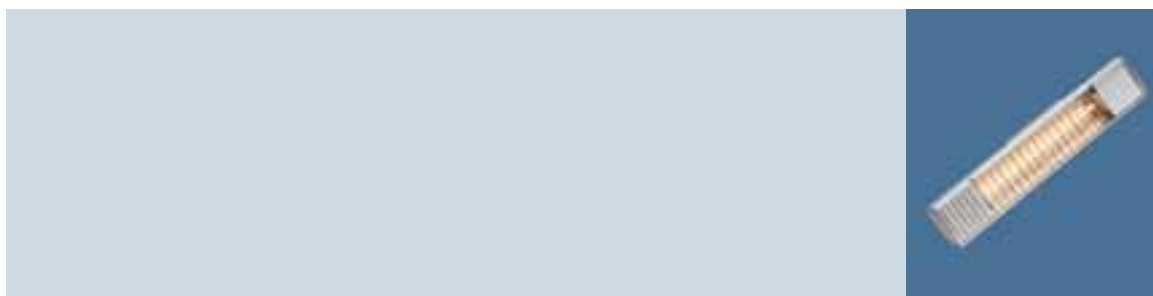
- Germ-free water without the need for chlorine or any other chemicals
- Reliable protection against germs to DIN 5031-10

- Ready for connection with a mounting flange and safety switch
- Only 15 minutes exposure time for a 20 litre canister; larger tanks will require more time
- Suitable as an insert for DIN 96 wide-neck screw-type opening; can be fitted to other containers with two screws

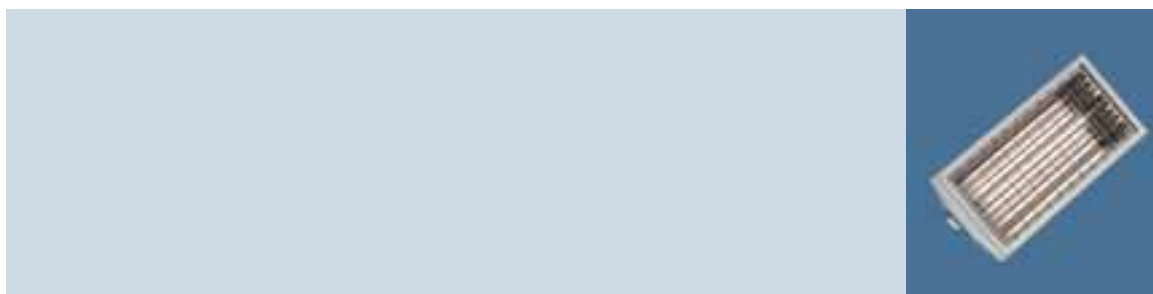
**Technical data and equipment**

- Equipped with a PURITEC® UVC-LPS 9 module
- UVC output 2 W
- 





Product reference	Product number		W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>SIRATEC® ALP CLASSIC, ELEGANCE</b>									
20431-21	4008321112033	classic WHITESTAR®	1500	230-240	50	475	125	95	1x1
20431-22	4008321111616	classic RUBYSTAR™	1500	230-240	50	475	125	95	1x1
20432-21	4008321112071	elegance WHITESTAR®	1500	230-240	50	690	125	95	1x1
20432-22	4008321112057	elegance RUBYSTAR™	1500	230-240	50	690	125	95	1x1



Product reference	Product number		W	V	Hz	l [mm]	b [mm]	h [mm]	
<b>SIRATEC® SLS PROFESSIONAL GRID, GLASS</b>									
20436-21	4008321910134	Grid WHITESTAR®	2000	230-240	50	423	320	223	1x1
20436-22	4008321910127	Grid RUBYSTAR™	2000	230-240	50	423	320	223	1x1
20437-21	4008321910110	Glass WHITESTAR®	2000	230-240	50	490	320	250	1x1
20437-22	4008321910103	Glass RUBYSTAR™	2000	230-240	50	490	320	250	1x1

### Description and features

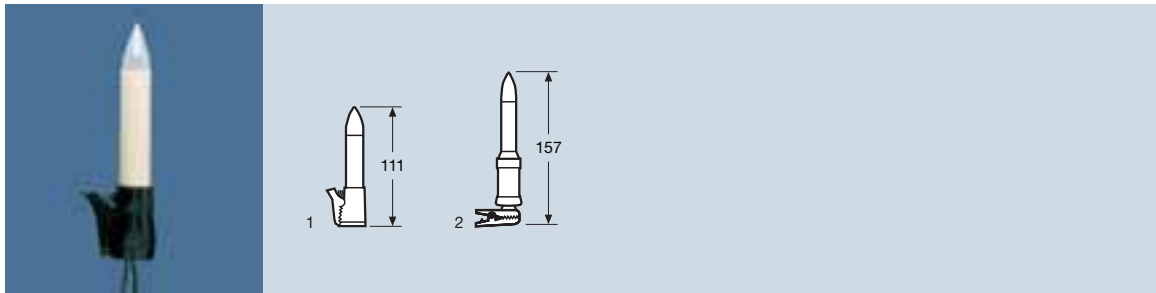
SIRATEC® ALP und SLS lamps are heat lamps with the latest infra-red short-wave technology. They are suitable for fixed installation indoors or outdoors. These heat-resistant heat lamps provide instant heat.



- Energy-saving operation, no preheating
- Emission-free (suitable for indoor use)
- No noise or smell
- Durable, therefore low maintenance costs
- No movement of air or dust
- Weather-resistant aluminium or stainless-steel casing
- Suitable for domestic or commercial use

### Technical data and equipment

- Equipped with RUBYSTAR™ or WHITESTAR® 1500 W or 2000 W infra-red lamps
- SIRATEC® ALP elegance also with 2 x PAR 16 50 W
- 1 m power cable
- Casing: aluminium (ALP), stainless steel (SLS)
- SIRATEC® SLS professional Glass with heat-resistant glass shield and rain cover
- Type of protection IP20 (SIRATEC® SLS professional Glass: IP23)
-

## Garlands for Christmas candles – for indoors and outdoors



Product reference	Product number	COLOR	W	V	Hz	l [m]	No.		
<b>Christmas candles, indoor, 15 lamps</b>									
CIK 15	4050300003344	ivory	15x3	230	50	11.00	1	10x1	
CAK 15	4050300003375	ivory	15x7	230	50	17.00	2	10x1	

### Description and features

These Christmas candles with their translucent wax-effect shafts create a particularly festive atmosphere. Garlands with Christmas candles spread Christmas cheer, indoors and outdoors.

- Scratch-resistant plastic sheath
- With detachable mains plug
- 15 ivory coloured shaft candles with intermediate links

#### CIK 15 (indoor)

- Overall garland length 11 m
- For Christmas trees up to 1.8 m high
- Vertical clamps





#### CAK 15 (outdoor)

- Watertight lamps
- Overall garland length 17 m
- For Christmas trees up to 3 m high
- Easy-release horizontal clamps



### Technical data and equipment

- Replacement candle included

#### CIK 15 (indoor)

- Equipped with 15 6131 shaft candles, 3 W each
-    

#### CAK 15 (outdoor)

- Equipped with 15 6141 shaft candles, 7 W each
- Rain-proof: IP44
-  

### Accessories

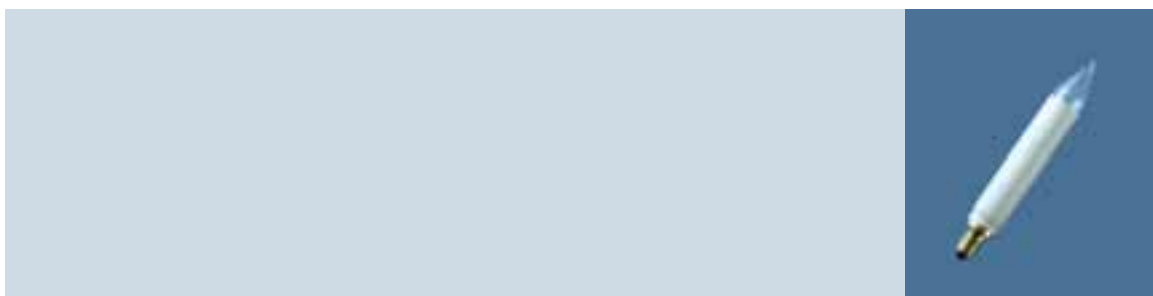
- Replacement candles  
(for a description see page 91)
- Replacement clamps  
(for a description see page 91)



#### CAK 15

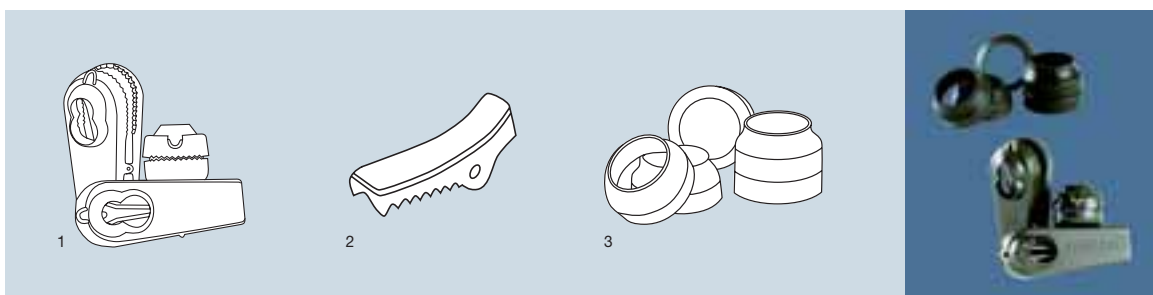
- Sealing rings (for a description see page 91)




## Replacement candles and replacement lamps Replacement clamps, sealing rings



Product reference	Product number			W		
<b>Replacement candles / replacement lamps</b>						
6131 BLI2	4050300050423	CIK 15	3	E10	20x2	
6131 TAB	4050300853147	CIK 15	3	E10	60x10	
6141 BLI2	4050300050386	CAK 15	7	E14	20x2	
6141 TAB	4050300831411	CAK 15	7	E14	72x10	
6141 VS	4008321903945	CAK 15	7	E14	210x1	
6119 BLI3	4050300050348	WLA 15 / WLI 15	3	E10	20x3	
6125 BLI3	4050300050362	Star	3	E10	20x3	



Product reference	Product number			No.	
<b>Replacement clamps</b>					
CIK/K-03	4050300018058	for CIK, WLI	2	50x3	
CAK/K-03	4050300213774	for CAK 15	1	50x3	
WLA/K-03	4050300014357	for WLA 15	1	50x3	
<b>Sealing rings</b>					
CAK/D 2-05	4050300018119	for CAK 15	3	50x5	
WLA/D 05	4050300437224	for WLA 15	3	50x5	

### Description and features

The accessories enable these high-quality Christmas candle garlands to remain in use year after year after year.

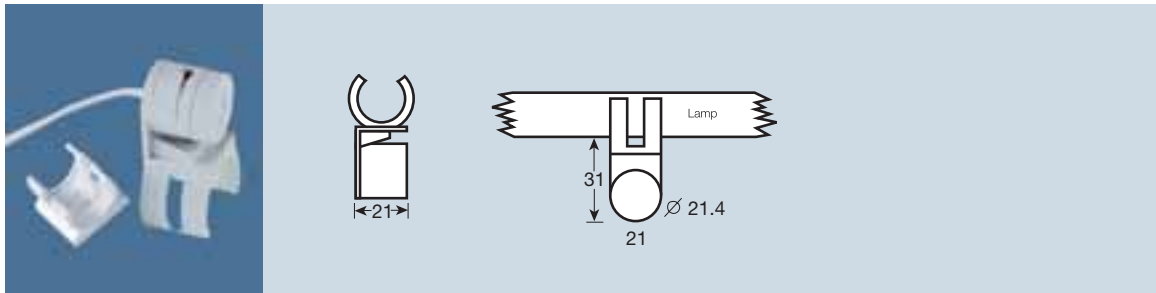
Replacement candles / replacement lamps: The links in the shaft candles ensure that if one lamp fails the other lamps continue to shine. If several candles fail, the garland will not create the same atmosphere so it is best to have a supply of replacement lamps.

Replacement clamps: The clamps are extremely robust. If one fails however, a replacement clamp can be used to make a simple repair.

Sealing rings: The sealing ring round the shaft is essential for protecting the candles from rain. If a sealing ring is damaged it should be replaced immediately.

## Sensors

### Radio switch



Product reference	Product number	Type of sensor	No. of ECGs	COLOR	l [mm]	
<b>Sensors</b>						
DIM PICO	4050300298061	Light	5	white	–	20x1
DIM MICO	4050300464411	Light	100	white	–	20x1
DIM MULTI	4050300554471	Light / movement	20	white	–	20x1

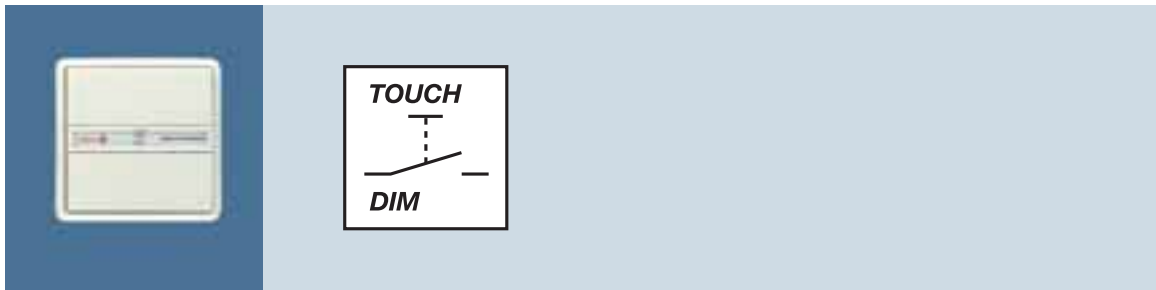
#### Description and features

The sensors supply the 1-10 V dc voltage control signal for dimmable luminaires with appropriate inputs. DIM PICO and DIM MICO react to changes in light and DIM MULTI also to movement. The sensitivity of the sensors can be adjusted. DIM PICO regulates the luminaire to a maximum of 50% in response to daylight. The sensors are suitable for

controlling different numbers of ECGs (see table above).

Suitable luminaires

- OSRAM ECOPACK®-DIM (page 36)
- OSRAM ECOPACK®-FH DIM (page 37)
- OSRAM ECOPACK®-FQ DIM (page 38)
- LUMILUX DUO® DIM-F/P, -F/R (page 41)
- OSRAM SOFTLITE® DIM (page 45)



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	
<b>Radio switch</b>						
TOUCH DIM WCU	4008321032737	white	118	105	38	20x1

#### Description and features

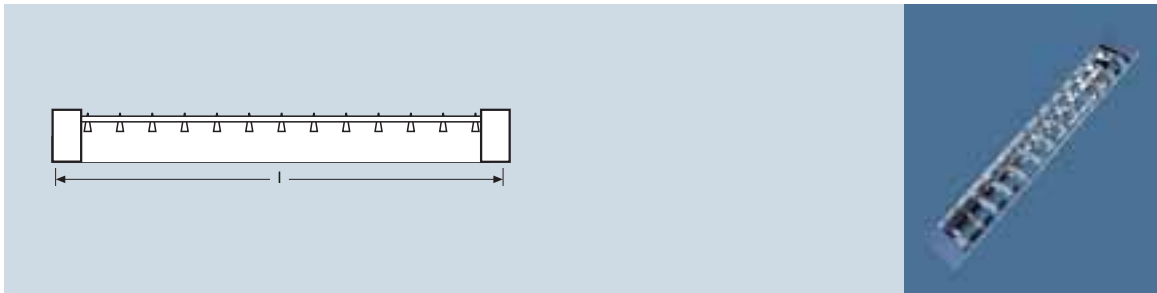
The TOUCH DIM WCU radio switch means there is no need for a control line from the light switch to the OSRAM ECOPACK®-FH DALI RC 21 W master luminaire. The switch can only be used in combination with luminaires that are equipped with DALI control gear and a TOUCH DIM RC radio receiver. TOUCH DIM WCU uses battery-less piezo-based enocan


technology and can therefore be used independently of a power supply. The switch is naturally also suitable for other luminaires that are equipped with appropriate receivers.

Suitable luminaires

- OSRAM ECOPACK®-FH DALI (page 39)

# OSRAM ECOPACK® Louvre Pendant kit



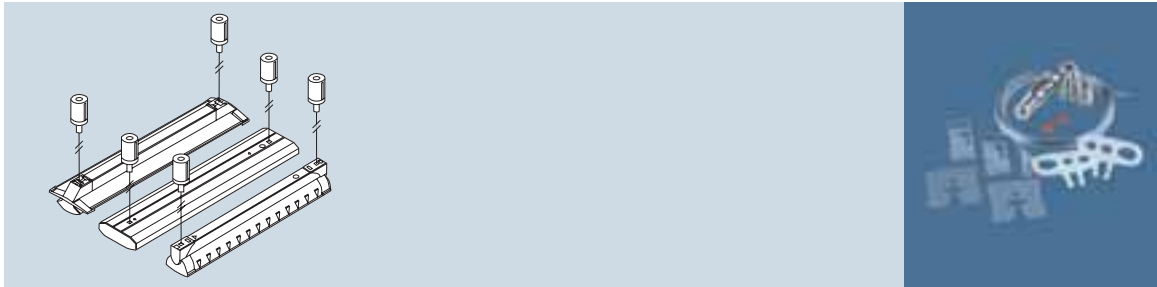
Product reference	Product number	COLOR	W	l [mm]	b [mm]	h [mm]	
<b>OSRAM ECOPACK® Louvre</b>							
72650	4008321079886	white	24	567	88	53	4x1
72651	4008321079909	white	39	867	88	53	4x1
72652	4008321080424	white	54	1167	88	53	4x1
72653	4008321080448	white	80	1467	88	53	4x1


## Description and features

The double parabolic louvres fit the appropriate lengths of OSRAM ECOPACK®-FH, OSRAM ECOPACK®-FQ and OSRAM ECOPACK®-FH DALI. The surface of the louvre is made from highly polished, low-irisation aluminium (Alanod Miro 4). The louvre is suitable for screen-based workplaces.

Suitable luminaires

- OSRAM ECOPACK®-FH DIM (page 37)
- OSRAM ECOPACK®-FQ DIM (page 38)
- OSRAM ECOPACK®-FH DALI (page 39)



Product reference	Product number	COLOR	l [mm]	
<b>Pendant kit</b>				
72097	4050300792200	silver	2000	4x1

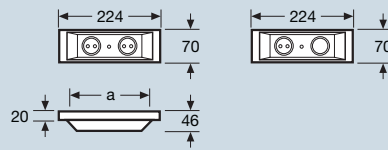
## Description and features

The pendant kit is suitable for all versions of the OSRAM ECOPACK® luminaire family and contains 2 fixings, adjustable cable holders, steel cable for pendant lengths of up to 2 m and cable clamps.

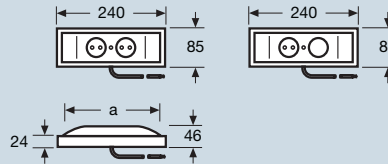
Suitable luminaires

- OSRAM ECOPACK® (pages 36 to 39)
- LUMILUX DUO® (pages 40 to 42)
- OSRAM SOFTLITE® (pages 43 to 45)

## Double socket Socket/switch



Product reference	Product number		COLOR	l [mm]	b [mm]	h [mm]	a [mm]		
<b>LUMINESTRA® – HALONESTRA®</b>									
41132-50	4050300486390	Double socket	white	224	70	46	160	4x1	
41132-56	4050300486413	Socket/switch	white	224	70	46	160	4x1	



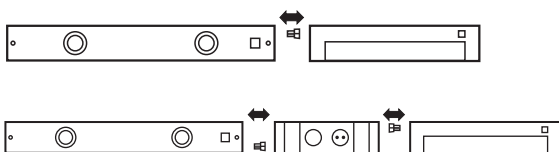
Product reference	Product number		COLOR	l [mm]	b [mm]	h [mm]	a [mm]		
<b>LUMILINE® – HALONEA®</b>									
41137	4050300772219	Double socket	white	240	85	46	160	4x1	
41138	4050300807263	Switch/socket	white	240	85	46	160	4x1	

### Description and features

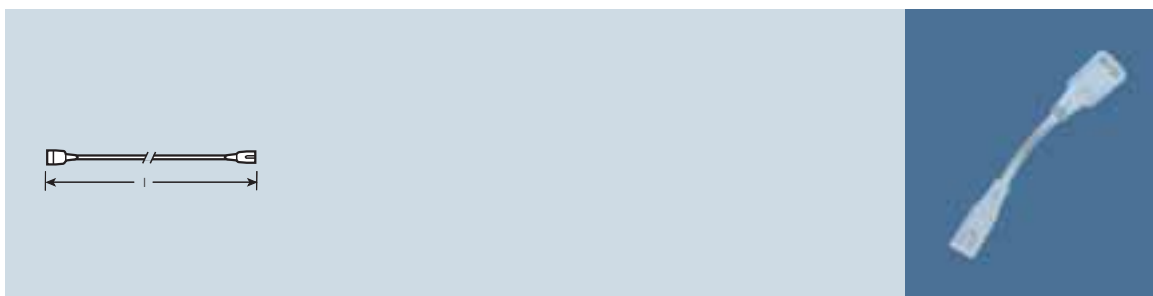
With its DOUBLE SOCKET and SOCKET/SWITCH accessories, OSRAM offers practical additions to the LUMINESTRA® EL/HALONESTRA® and LUMILINE® EL/HALONEA® product families. The accessories can be connected with the plug adapters supplied with the luminaires. The DOUBLE SOCKET therefore offers additional connection options in rooms with inadequate facilities. THE SOCKET/SWITCH enables luminaires combined in strip lighting to be switched on and off centrally.


Suitable luminaires

- LUMINESTRA® EL and HALONESTRA® (page 46)
- LUMILINE® EL and HALONEA® (page 51)



## Connecting cable Double cap



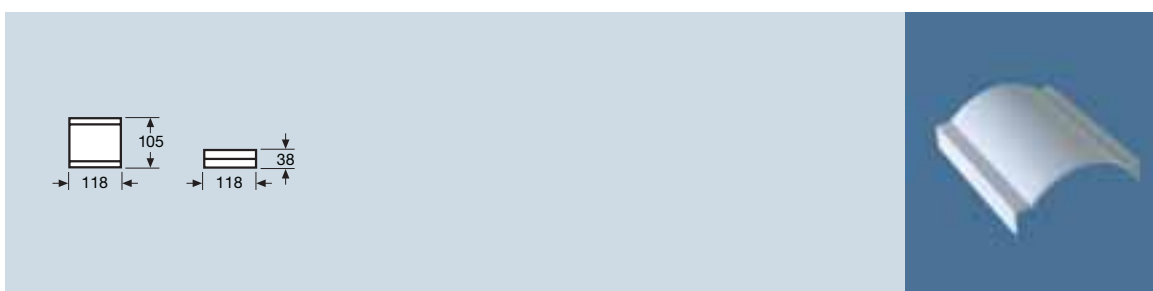
Product reference	Product number	COLOR	l [mm]	
<b>Connecting cable</b>				
74101-52	40503001 <b>25602</b>	white	100	10x1
74101-53	40503001 <b>25626</b>	white	600	10x1
74101-54	40503001 <b>25640</b>	white	1000	10x1


### Description and features

The connecting cables are used to span distances between the luminaires for strip lighting if the luminaires cannot or should not be placed close to one another with the supplied plug adapters. The connecting cables are available in lengths of 100, 600 and 1000 mm.

Suitable luminaires

- LUMILUX® FLATLITE-N/P (page 46)
- LUMINESTRA® and HALONESTRA® (page 50)
- LUMILINE® and HALONEA® (page 51)
- SLIMLITE® EL (page 52)



Product reference	Product number	COLOR	l [mm]	b [mm]	h [mm]	
<b>Double cap</b>						
72408-55	40503001 <b>131696</b>	white	118	105	38	4x1

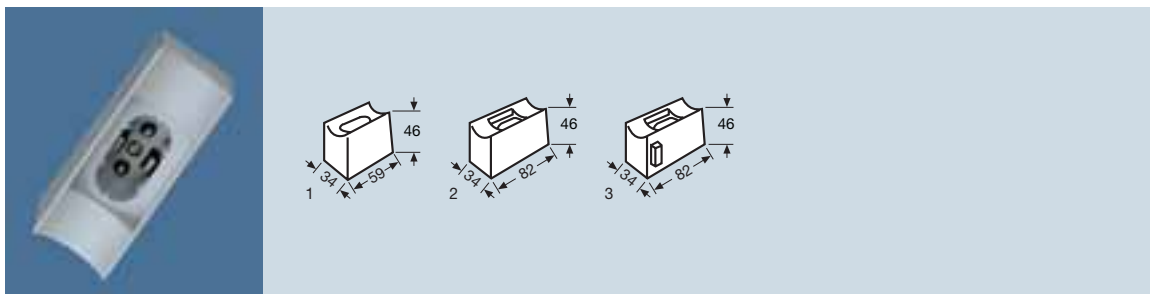
### Description and features



The double cap is used to connect the fixed connection versions of LUMILUX® FLATLITE for strip lighting. Using the double cap bridges the gap between the luminaires.

Suitable luminaires

- LUMILUX® FLATLITE-F/P (page 46)
- LUMILUX® FLATLITE EL-F/P and -F/R (page 47)

# LINESTRA® lampholders



Product reference	Product number	for base	COLOR	V	Hz	l [mm]	b [mm]	h [mm]	No.		
<b>LINESTRA® lampholders</b>											
Holder 662	40503000 <b>12742</b>	S14s		250	50	59	34	46	1		10x10
Holder 670	40503000 <b>18638</b>	S14d		250	50	82	34	46	2		10x10
Holder 675	40503000 <b>12766</b>	S14d		250	50	82	34	46	3		10x10

## Description and features

The holders for LINESTRA® lamps are the simplest form of luminaire. The holders can be divided into two groups. The 662 holder is needed for the two-base LINESTRA® lamps SPC. LIN 1603, 1604 and 1104 (base S14s). Holders 670 and 675 are used for the 1-base LINESTRA® lamps SPC. LIN 1613 and 1614 (base S14d). Holder 675 has a switch on the casing. Holders 670 and 662 must be accessed via a central light switch.

- Holder 662 for 2-base LINESTRA® lamps
- Holders 670 and 675 for 1 base

LINESTRA® lamps

- Holder 675 with switch


## Technical data and equipment

-  

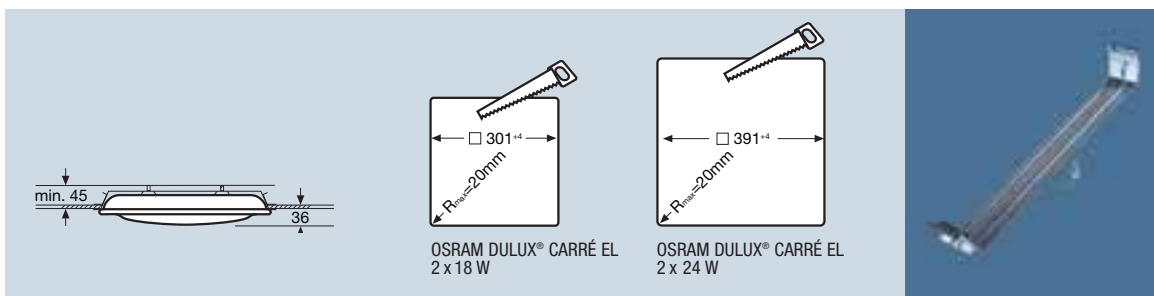
Holder 662


- Available in white

Holders 670 and 675

- Available in light grey
- 

# Installation kit for OSRAM DULUX® CARRÉ EL



Product reference	Product number	for luminaire 	
<b>Installation kit for OSRAM DULUX® CARRÉ EL</b>			
73201-57	40503001 <b>25749</b>	2x18	4x1
73210-57	40503001 <b>25763</b>	2x24	4x1

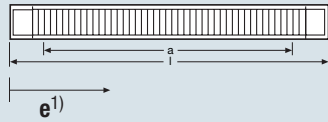
## Description and features

The installation kit for OSRAM DULUX® CARRÉ EL enables these luminaires to be installed in ceilings. Before installing the luminaires a square 301 mm opening must be cut in the ceiling for the 2 x 18 W luminaire and a 391 mm opening for the 2 x 24 W luminaire. A clear height of 45 mm is needed to install the luminaire. After being installed in the ceiling the luminaire protrudes down by only 36 mm.

Suitable luminaires

- OSRAM DULUX® CARRÉ EL (page 56)

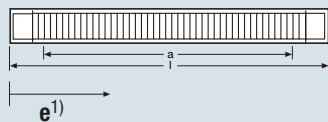
## Cable penetration and switches



Product name	W	Mains connector	Fixed connection	Switch	e	Page
LUMILUX® COMBI EL	8	X		X		32
	13	X		X		32
LUMILUX® COMBI EL-N	10	X		X		32
	18	X		X		32
	30	X		X		32
	36	X		X		32
	58	X		X		32
LUMILUX® COMBI EL-F	10		X	X	244	32
	18		X	X	157, 310	32
	30		X	X	157, 304, 450	32
	36		X	X	157, 386, 615	32
	58		X	X	157, 461, 765	32
LUMILUX® COMBI EL-N/P	10	X		X		33
	18	X		X		33
	30	X		X		33
	36	X		X		33
	58	X		X		33
LUMILUX® COMBI EL-F/P	10		X	X	244	33
	18		X	X	157, 310	33
	30		X	X	157, 304, 450	33
	36		X	X	157, 386, 615	33
	58		X	X	157, 461, 765	33
LUMILUX® COMBI-N <i>electronic</i>	18	X		X		34
	30	X		X		34
	36	X		X		34
LUMILUX® COMBI-F <i>electronic</i>	18		X	X	192	34
	30		X	X	462	34
	36		X	X	614	34
	58		X	X	764	34
LUMILUX® COMBI-F/B <i>electronic</i>	18		X	X	192	35
	30		X	X	462	35
	36		X	X	614	35
	58		X	X	764	35
LUMILUX® COMBI-F/D <i>electronic</i>	18		X	X	192	35
	30		X	X	462	35
	36		X	X	614	35
	58		X	X	764	35
OSRAM ECOPACK®	18		X		120	36
	36		X		610	36
	58		X		762	36
OSRAM ECOPACK®-DIM	18		X		120	36
	36		X		610	36
	58		X		762	36
OSRAM ECOPACK®-FH	14		X		105	37
	21		X		478	37
	28		X		592	37
	35		X		742	37



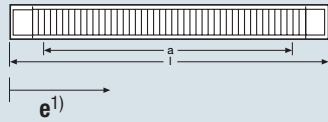
## Cable penetration and switches



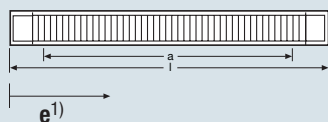
Product name	W	Mains connector	Fixed connection	Switch	e	Page
OSRAM ECOPACK®-FH DIM	14		X		105	37
	21		X		478	37
	28		X		592	37
	35		X		742	37
OSRAM ECOPACK®-FQ	24		X		105	38
	39		X		478	38
	54		X		592	38
	80		X		742	38
OSRAM ECOPACK®-FQ DIM	24		X		105	38
	39		X		478	38
	54		X		592	38
	80		X		742	38
OSRAM ECOPACK®-FH DALI	14		X		105	39
	21		X		478	39
	28		X		592	39
	35		X		742	39
OSRAM ECOPACK®-FH DALI RC	14		X		478	39
LUMILUX DUO® EL-F/P	2x18		X		83	40
	2x36		X		83	40
	2x58		X		83	40
LUMILUX DUO® EL-F/R	2x18		X		83	40
	2x36		X		83	40
	2x58		X		83	40
LUMILUX DUO® DIM-F/P	2x18		X		83	41
	2x36		X		83	41
	2x58		X		83	41
LUMILUX DUO® DIM-F/R	2x18		X		83	41
	2x36		X		83	41
	2x58		X		83	41
LUMILUX DUO® T5-F/P, -F/R	2x14		X		66	42
	2x21		X		131	42
	2x28		X		176, 531	42
OSRAM SOFTLITE®	18		X		322	43
	30		X		474	43
	36		X		627	43
	58		X		777	43
OSRAM SOFTLITE® EL	24		X		434	44
	39		X		452	44
	54		X		602	44
	80		X		752	44
OSRAM SOFTLITE® DIM	24		X		434	45
	39		X		452	45
	54		X		602	45
	80		X		752	45

1) Distance between cable penetration and front of luminaire

## Cable penetration and switches



Product name	W	Mains connector	Fixed connection	Switch	e	Page
LUMILUX FLATLITE®-N/P	15	X		X		46
	18	X		X		46
	30	X		X		46
	36	X		X		46
	58	X		X		46
LUMILUX FLATLITE®-F/P	15		X		105-240	46
	18		X		105-315	46
	30		X		105-515	46
	36		X		105-620	46
	58		X		105-770	46
LUMILUX FLATLITE® EL-F/P	18		X		105-315	47
	30		X		105-515	47
	36		X		105-620	47
	58		X		105-770	47
LUMILUX FLATLITE® EL-F/R	18		X		105-315	47
	30		X		105-515	47
	36		X		105-620	47
	58		X		105-770	47
LUMILUX® DECO EL/P	8		X	X	0-155	48
	13		X	X	0-269	48
LUMILUX® DECO EL/D	8		X	X	0-155	48
	13		X	X	0-269	48
LUMILUX® VARIO EL-N	18	X		X		49
	30	X		X		49
	36	X		X		49
LUMILUX® VARIO EL-F	18		X	X	154, 309	49
	30		X	X	154, 303, 451	49
	36		X	X	154, 385, 614	49
LUMINESTRA® EL	8	X				50
	13	X				50
HALONESTRA®	2x20	X				50
	3x20	X				50
	5x10	X				50
LUMILINE® EL	8	X				51
	13	X				51
HALONEA®	2x10	X				51
	3x10	X				51
SLIMLITE® EL-F	8		X		160	52
	13		X		274	52
SLIMLITE® EL	8	X				52
	13	X				52
LUMILUX SPLIT®-FM	8		X			53
	11		X			53
	13		X			53



Product name	W	Mains connector	Fixed connection	Switch	e	Page
LUMILUX® VARIO-FM	8	X		X		53
	11	X		X		53
	13	X		X		53
PICOLINE® EL	8	X		X		54
	13	X		X		54
	21	X		X		54
LUMILUX SPLIT®-HE	14		X			55
	21		X			55
	28		X			55
	35		X			55
OSRAM DULUX® CARRÉ EL/D	2x18		X		40-165	56
	2x24		X		40-255	56
OSRAM DULUX® CARRÉ EL/P	2x18		X		40-165	56
	2x24		X		40-255	56
OSRAM DULUX® RONDEL-F/D	36		X		80	57
OSRAM DULUX® RONDEL-F/P	36		X		80	57
OSRAM DULUX® CARRÉ	9		X		100	58
	11		X		135	58
	2x11		X		135	58
OSRAM DULUX® CARRÉ <i>SENSOR</i>	9		X	X	100	58
OSRAM DULUX® RONDEL	9		X		30	59
	2x9		X		40	59
OSRAM DULUX® RONDEL <i>SENSOR</i>	9		X	X	30	59
OSRAM DULUX® RONDEL ECO	9		X		95	59
	2x9		X		95	59
OSRAM DULUX® COMBI	9	X		X		60
	11	X		X		60
OSRAM DULUX® COMBI-F	9		X	X	30	60
	11		X	X	30	60
HALOPIN® CARRÉ	40		X		105	61
HALOPIN® RONDEL	40		X		28	61
DECOSTAR MULTISPOT®-F	2x35		X	X	323	62
	3x35		X	X	323	62
LUMILUX BRIK® EL	8		X		0	72
	13		X		0	72
OSRAM DULUX BRIK®	9		X		0	72
OSRAM DULUX BRIK® EL	9		X		0	73
	11		X		0	73
OSRAM DULUX BRIK® EL <i>SENSOR</i>	9		X	X	0	73
LINESTRA® ALU	35		X		54-154	84
	60		X		54-254	84
	120		X		54-504	84
LINESTRA® SET	35		X	X	53-153	84
	60		X	X	53-253	84

1) Distance between cable penetration and front of luminaire

# Overview by product name

Product name	Prod. ref.	EAN 10	Page
AQUALED 4BC	47005-73	4050300160627	30
AQUALED 4BE	47005-75	4008321100290	30
AQUALED 4BG	47005-72	4050300160566	30
AQUALED 4WC	47005-71	4050300160603	30
AQUALED 4WE	47005-74	4008321100276	30
AQUALED 4WG	47005-70	4050300160580	30
CAMPING ENERGY AUTOMATIC SI	46471	4050300776057	81
CAMPING HALOGEN DIM SI	46475	4050300900063	81
CAMPING LED SI/BL	46473	4050300884943	21
Christmas candles, outdoor, 15 lamps	CAK 15	4050300003375	90
Christmas candles, indoor, 15 lamps	CIK 15	4050300003344	90
COPILOT-K	41508	4050300010632	85
COPILOT-L	41509	4050300014050	85
COPILOT-L 24	41509-24	4050300014067	85
COPILOT-M	41510	4050300016856	85
DECOSPOT LED PAR 16 E14 0.6-0.7W CC	80001	4008321905550	18
DECOSPOT LED PAR 16 E14 0.7W RO	80003	4008321905529	18
DECOSPOT LED PAR 16 E14 0.8W BL	80005	4008321905543	18
DECOSPOT LED PAR 16 E14 0.8W GR	80004	4008321905536	18
DECOSPOT LED PAR 16 E14 0.8W WS	80002	4008321905635	18
DECOSPOT LED PAR 16 GU10 0.6-0.7W CC	80011	4008321905598	18
DECOSPOT LED PAR 16 GU10 0.7W RO	80013	4008321905567	18
DECOSPOT LED PAR 16 GU10 0.8W BL	80015	4008321905581	18
DECOSPOT LED PAR 16 GU10 0.8W GR	80014	4008321905574	18
DECOSPOT LED PAR 16 GU10 0.8W WS	80012	4008321905642	18
DECOSTAR MULTISPOT-F 2x35W SI	41241	4050300584126	62
DECOSTAR MULTISPOT-F 2x35W WS	41241	4050300584102	62
DECOSTAR MULTISPOT-F 3x35W SI	41242	4050300584164	62
DECOSTAR MULTISPOT-F 3x35W WS	41242	4050300584140	62
DECOSTAR STUDIO IRC 35W SI	41468	4050300553139	63
DECOSTAR STUDIO IRC 35W WS	41468	4050300553115	63
DECOSTAR STUDIO IRC-P 35W	41473	4050300602158	63
DRAGONSTAR 500 GU5.3 1.5W OR	80026	4008321133250	20
DRAGONSTAR 500 GU5.3 1.5W RO	80027	4008321133281	20
DRAGONSTAR 500 GU5.3 2.8W BL	80025	4008321908353	20
DRAGONSTAR 500 GU5.3 2.8W GR	80024	4008321908346	20
DRAGONSTAR 500 GU5.3 2.8W WS	80022-30	4008321908322	20
DRAGONSTAR 500 GU5.3 2.8W WS	80022-35	4008321908339	20
DYNAMO LED SI/BL	46443-01	4008321042927	25
FLORALUX EL-R 20W	74012	4050300432137	75
FLORASET-F SW	76210	4050300274065	74
FLORASET-F WS	76210	4050300274041	74
FLORASET-P SW	76110	4050300273921	74
FLORASET-P WS	76110	4050300273907	74
HALOMAX-S MAGNIFYING GLASS	46461	4050300169729	79
HALOMAX-S MAGNIFYING GLASS (blister)	46461-01	4050300625652	79
HALONEA 2x10W	41135	4050300784519	51
HALONEA 2x10W (blister)	41135-01	4050300820767	51
HALONEA 3x10W	41136	4050300784540	51
HALONEA 3x10W (blister)	41136-01	4050300820804	51
HALONESTRA 2x20W	41132	4050300486338	50
HALONESTRA 3x20W	41133	4050300486352	50
HALONESTRA 5x10W	41134	4050300486376	50
HALOPIN CARRÉ 60W	41825	4008321908933	61
HALOPIN RONDEL 60W	41826	4008321908957	61
HALOPIN TABLE JET (stand)	43730-47	4050300862408	67
HALOPIN TABLE JET (clamp)	43730	4050300862163	67
HALOSTAR TABLE 50W WS	43721	4050300271996	66
HOBBY HALOGEN	46496	4050300011738	78
KRYPTON METAL SI (blister)	46479-01	4050300615967	80
KRYPTON POWER SI	46477	4050300615981	80
LED garland COLOR CHANGE, 40 lamps	LK 40 LED CC	4008321088413	31
LED garland COLOR CHANGE, 80 lamps	LK 80 LED CC	4008321088437	31
LED garland CW, 40 lamps	LK 40 LED CW	4050300824062	31
LED garland CW, 80 lamps	LK 80 LED CW	4050300824086	31
LED garland WW, 40 lamps	LK 40 LED WW	4008321060907	31
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LUN GREEN	LUNETTA GREEN	4050300002026	86
LUN RED	LUNETTA RED	4050300002019	86

### Accessories

6119 BLI3	Replacement lamps WLA 15/WLI 15	4050300050348	91
6125 BLI3	Replacement candles for star	4050300050362	91
6131 BLI2	Replacement candles CIK 15	4050300050423	91
6131 TAB	Replacement candles CIK 15	4050300853147	91
6141 BLI2	Replacement candles CAK 15	4050300050386	91
6141 TAB	Replacement candles CAK 15	4050300831411	91
6141 VS	Replacement candles CAK 15	4008321903945	91
41132-50	Double socket (LUMINESTRA – HALONESTRA)	4050300486390	94
41132-56	Socket/switch elem. (LUMINESTRA – HALONESTRA)	4050300486413	94
41137	Double socket (LUMILINE – HALONEA)	4050300772219	94
41138	Switch/socket element (LUMILINE – HALONEA)	4050300807263	94
72097	Pendant kit	4050300792200	93
72408-55	Double cap	4050300131696	95

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72651	OSRAM ECOPACK Louvre	4008321079909	93
72652	OSRAM ECOPACK Louvre	4008321080424	93
72653	OSRAM ECOPACK Louvre	4008321080448	93
73201-57	Installation kit OSRAM DULUX CARRÉ EL 2x18W	4050300125749	97
73210-57	Installation kit OSRAM DULUX CARRÉ EL 2x24W	4050300125763	97
74101-52	Connecting cable 100mm	4050300125602	95
74101-53	Connecting cable 600mm	4050300125626	95
74101-54	Connecting cable 1000mm	4050300125640	95
CAK/D 2-05	Sealing rings for CAK 15	4050300018119	91
CAK/K-03	Replacement clamps for CAK 15	4050300213774	91
CIK/K-03	Replacement clamps for CIK, WLI	4050300018058	91
DIM MICO	Sensors, light	4050300464411	92
DIM MULTI	Sensors, light/movement	4050300554471	92
DIM PICO	Sensors, light	4050300298061	92
Holder 662	LINESTRA lampholders	4050300012742	96
Holder 670	LINESTRA lampholders	4050300018638	96
Holder 675	LINESTRA lampholders	4050300012766	96
TOUCH DIM WCU	Radio switch	4008321032737	92
WLA/D 05	Sealing rings for WLA 15	4050300437224	91
WLA/K-03	Replacement clamps for WLA 15	4050300014357	91

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4008321042927	DYNAMO LED SI/BL	46443-01	25
4008321045867	OSRAM ECOPACK-FH DALI 14W	72621	39
4008321045881	OSRAM ECOPACK-FH DALI 21W	72622	39
4008321045904	OSRAM ECOPACK-FH DALI RC 21W	72622-11	39
4008321046321	OSRAM ECOPACK-FH DALI 28W	72623	39
4008321046369	OSRAM ECOPACK-FH DALI 35W	72624	39
4008321047106	LED HEADLAMP GR/SW (blister)	46452-01	25
4008321049490	LUNETTA LED GLOBE 0.4W SI	47020	86
4008321053855	LUNETTA LED COLORMIX 0.9W SI	47010	29
4008321060907	LED garland WW, 40 lamps	LK 40 LED WW	31
4008321060921	LED garland WW, 80 lamps	LK 80 LED WW	31
4008321070302	LED WORKLIGHT SI/SW (blister)	46449-01	26
4008321070937	LED garland WW, 120 lamps	LK 120 LED WW	31
4008321088413	LED garland COLOR CHANGE, 40 lamps	LK 40 LED CC	31
4008321088437	LED garland COLOR CHANGE, 80 lamps	LK 80 LED CC	31
4008321100276	AQUALED 4WE	47005-74	30
4008321100290	AQUALED 4BE	47005-75	30
4008321105974	MOODSPOT LED SW	80010-10	19
4008321111500	POWER DRAGON I TI	46454-01	22
4008321111616	SIRATEC ALP CLASSIC 1500W	20431-22	89
4008321112033	SIRATEC ALP CLASSIC 1500W	20431-21	89
4008321112057	SIRATEC ALP ELEGANCE 1500W	20432-22	89
4008321112071	SIRATEC ALP ELEGANCE 1500W	20432-21	89
4008321118486	SLIMLITE EL-F 8W	73072	52
4008321118509	SLIMLITE EL-F 13W	73082	52
4008321133250	DRAGONSTAR 500 GU5.3 1.5W OR	80026	20
4008321133281	DRAGONSTAR 500 GU5.3 1.5W RO	80027	20
4008321904812	PURITEC 14W SW	20511	88
4008321904829	PURITEC 9W SW	20512	88
4008321905529	DECOSPOT LED PAR 16 E14 0.7W RO	80003	18
4008321905536	DECOSPOT LED PAR 16 E14 0.8W GR	80004	18
4008321905543	DECOSPOT LED PAR 16 E14 0.8W BL	80005	18
4008321905550	DECOSPOT LED PAR 16 E14 0.6-0.7W CC	80001	18
4008321905567	DECOSPOT LED PAR 16 GU10 0.7W RO	80013	18
4008321905574	DECOSPOT LED PAR 16 GU10 0.8W GR	80014	18
4008321905581	DECOSPOT LED PAR 16 GU10 0.8W BL	80015	18
4008321905598	DECOSPOT LED PAR 16 GU10 0.6-0.7W CC	80011	18
4008321905635	DECOSPOT LED PAR 16 E14 0.8W WS	80002	18
4008321905642	DECOSPOT LED PAR 16 GU10 0.8W WS	80012	18
4008321908322	DRAGONSTAR 500 GU5.3 2.8W WS	80022-30	20
4008321908339	DRAGONSTAR 500 GU5.3 2.8W WS	80022-35	20
4008321908346	DRAGONSTAR 500 GU5.3 2.8W GR	80024	20
4008321908353	DRAGONSTAR 500 GU5.3 2.8W BL	80025	20
4008321908445	LUMILUX VARIO EL-N 18W	72356	49
4008321908452	LUMILUX VARIO EL-N 30W	72357	49

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4008321908469	LUMILUX VARIO EL-N 36W	72358	49
4008321908476	LUMILUX VARIO EL-F 18W	72456	49
4008321908483	LUMILUX VARIO EL-F 30W	72457	49
4008321908490	LUMILUX VARIO EL-F 36W	72458	49
4008321908506	LED TABLE STAR 8W SI	80201	23
4008321908797	LUMILUX DUO T5-F/P 2x14W	72098	42
4008321908803	LUMILUX DUO T5-F/P 2x21W	72099	42
4008321908810	LUMILUX DUO T5-F/P 2x28W	72100	42
4008321908827	LUMILUX DUO T5-F/R 2x14W	72102	42
4008321908834	LUMILUX DUO T5-F/R 2x21W	72103	42
4008321908841	LUMILUX DUO T5-F/R 2x28W	72104	42
4008321908858	LUMILUX SPLIT-HE 14W	72701	55
4008321908872	LUMILUX SPLIT-HE 21W	72702	55
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4008321908919	LUMILUX SPLIT-HE 35W	72704	55
4008321908933	HALOPIN CARRÉ 60W	41825	61
4008321908957	HALOPIN RONDEL 60W	41826	61
4008321909015	POCKET DRAGON SI/BL	46453-01	22
4008321909046	LED MOOD STONE HG	46444	23
4008321909077	XENON SUPER SI	46465-01	76
4008321909107	XENON EXCELLENCE SI	46466-01	76
4008321910103	SIRATEC SLS PROFESSIONAL GLASS 2000W	20437-22	89
4008321910110	SIRATEC SLS PROFESSIONAL GLASS 2000W	20437-21	89
4008321910127	SIRATEC SLS PROFESSIONAL GRID 2000W	20436-22	89
4008321910134	SIRATEC SLS PROFESSIONAL GRID 2000W	20436-21	89
405030001852	MINISPOT Cube WS	41601	64
405030001869	MINISPOT Cube SW	41601	64
405030001876	MINISPOT Rhombus WS	41701	64
405030001883	MINISPOT Rhombus SW	41701	64
4050300002019	LUNETTA RED	LUN RED	86
4050300002026	LUNETTA GREEN	LUN GREEN	86
4050300002163	LUMILUX COMBI EL-N 30W WS	72016	32
4050300003344	Christmas candles, indoor, 15 lamps	CIK 15	90
4050300003375	Christmas candles, outdoor, 15 lamps	CAK 15	90
4050300003443	LUMILUX COMBI EL-N 10W WS	72006	32
4050300003474	LUMILUX COMBI EL-N 18W WS	72011	32
4050300003511	LUMILUX COMBI EL-N 36W WS	72021	32
4050300003542	LUMILUX COMBI EL-F 10W WS	72106	32
4050300003573	LUMILUX COMBI EL-F 18W WS	72111	32
4050300003597	LUMILUX COMBI EL-F 30W WS	72116	32
4050300003634	LUMILUX COMBI EL-F 36W WS	72121	32
4050300003832	LINESTRA SET 35W	92410	84
4050300003849	LINESTRA SET 60W	92420	84
4050300003856	THERATHERM DE LUXE Set G172	20400	87
4050300005195	LUMILUX COMBI EL-F 58W WS	72126	32
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4050300007991	MULTI HALOGEN	46494	78
4050300008707	OSRAM DULUX TABLE-S 11W WS (clamp)	73061	68
4050300008714	OSRAM DULUX TABLE-S 11W SW (clamp)	73061	68
4050300008738	LUMINESTRA EL 8W	73071	50
4050300008745	LUMINESTRA EL 13W	73081	50
4050300010458	OSRAM DULUX COMBI-F 11W	73116	60
4050300010489	OSRAM DULUX COMBI 11W	73016	60
4050300010632	COPILOT-K	41508	85
4050300011738	HOBBY HALOGEN	46496	78
4050300012100	OSRAM DULUX CARRÉ 11W	73045	58
4050300012117	OSRAM DULUX CARRÉ 9W	73040	58
4050300014050	COPILOT-L	41509	85
4050300014067	COPILOT-L 24	41509-24	85
4050300015972	OSRAM DULUX TABLE-S 11W WS (stand)	73065	68
4050300015989	OSRAM DULUX TABLE-S 11W SW (stand)	73065	68
4050300016856	COPILOT-M	41510	85
4050300017136	MINISPOT KLR 20W WS	42311	65
4050300017143	MINISPOT KLR 20W SW	42311	65
4050300020068	MINI HALOGEN SW	46420	78
4050300122441	OSRAM DULUX CARRÉ EL/D 2x24W	73210	56
4050300160566	AQUALED 4BG	47005-72	30
4050300160580	AQUALED 4WG	47005-70	30
4050300160603	AQUALED 4WC	47005-71	30
4050300160627	AQUALED 4BC	47005-73	30
4050300165769	OSRAM DULUX MINI SW (blister)	46429-01	82
4050300169729	HALOMAX-S MAGNIFYING GLASS	46461	79
4050300186610	STAR HALOGEN ACCU SI (blister)	46485-01	77
4050300271996	HALOSTAR TABLE 50W WS	43721	66
4050300273907	FLORASET-P WS	76110	74
4050300273921	FLORASET-P SW	76110	74
4050300274041	FLORASET-F WS	76210	74
4050300274065	FLORASET-F SW	76210	74
4050300298474	LUMILUX COMBI-N 18W electronic	72051	34
4050300298498	LUMILUX COMBI-N 30W electronic	72052	34
4050300298511	LUMILUX COMBI-N 36W electronic	72053	34
4050300298535	LUMILUX COMBI-F 18W electronic	72151	34
4050300298559	LUMILUX COMBI-F 30W electronic	72152	34
4050300298573	LUMILUX COMBI-F 36W electronic	72153	34
4050300298597	LUMILUX COMBI-F/B 18W electronic	72151-45	35
4050300298610	LUMILUX COMBI-F/B 30W electronic	72152-45	35
4050300298634	LUMILUX COMBI-F/B 36W electronic	72153-45	35
4050300299273	LUMILUX COMBI-F/D 18W electronic	72151-44	35
4050300299297	LUMILUX COMBI-F/D 30W electronic	72152-44	35
4050300299310	LUMILUX COMBI-F/D 36W electronic	72153-44	35
4050300314921	OSRAM DULUX CARRÉ 2x11W	73050	58
4050300315966	OSRAM DULUX BRIK 9W GR	73036	72
4050300315980	OSRAM DULUX BRIK 9W SW	73036	72
4050300322469	POWER HALOGEN Z2	46412	79
4050300322483	POWER HALOGEN Z3	46413	79
4050300322520	OSRAM DULUX MOBIL	46430	83
4050300328737	OSRAM DULUX RONDEL 2x9W	73030	59
4050300328874	LUMILUX COMBI-F 58W electronic	72154	34
4050300328898	LUMILUX COMBI-F/D 58W electronic	72154-44	35
4050300328911	LUMILUX COMBI-F/B 58W electronic	72154-45	35
4050300346502	LUMILUX COMBI EL-F/P 10W WS	72306	33
4050300346526	LUMILUX COMBI EL-F/P 10W SW	72306	33
4050300346540	LUMILUX COMBI EL-N/P 10W WS	72206	33
4050300346564	LUMILUX COMBI EL-N/P 10W SW	72206	33
4050300346588	LUMILUX COMBI EL-F/P 18W WS	72311	33
4050300346601	LUMILUX COMBI EL-F/P 18W SW	72311	33
4050300346625	LUMILUX COMBI EL-N/P 18W WS	72211	33
4050300346649	LUMILUX COMBI EL-N/P 18W SW	72211	33
4050300346663	LUMILUX COMBI EL-N/P 30W WS	72216	33
4050300346687	LUMILUX COMBI EL-N/P 30W SW	72216	33
4050300346700	LUMILUX COMBI EL-F/P 30W WS	72316	33
4050300346724	LUMILUX COMBI EL-F/P 30W SW	72316	33
4050300346861	LUMILUX COMBI EL-N/P 36W WS	72221	33
4050300346885	LUMILUX COMBI EL-N/P 36W SW	72221	33
4050300346908	LUMILUX COMBI EL-F/P 36W WS	72321	33
4050300346922	LUMILUX COMBI EL-F/P 36W SW	72321	33
4050300346946	LUMILUX COMBI EL-N/P 58W WS	72226	33
4050300346960	LUMILUX COMBI EL-N/P 58W SW	72226	33

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4050300347004	LUMILUX COMBI EL-F/P 58W SW	72326	33
4050300353517	OSRAM DULUX CARRÉ EL/D 2x18W	73201	56
4050300353531	OSRAM DULUX CARRÉ EL/P 2x18W	73201-43	56
4050300353555	OSRAM DULUX CARRÉ EL/P 2x24W	73210-43	56
4050300356846	LUMILUX DECO EL/P 8W	72161	48
4050300356860	LUMILUX DECO EL/P 13W	72165	48
4050300361543	OSRAM DULUX RONDEL 9W	73025	59
4050300367460	LUMILUX FLATLITE-N/P 15W	72408	46
4050300367484	LUMILUX FLATLITE-F/P 15W	72508	46
4050300367507	LUMILUX FLATLITE-N/P 18W	72411	46
4050300367521	LUMILUX FLATLITE-F/P 18W	72511	46
4050300367545	LUMILUX FLATLITE-N/P 30W	72416	46
4050300367569	LUMILUX FLATLITE-F/P 30W	72516	46
4050300367583	LUMILUX FLATLITE-N/P 36W	72421	46
4050300367606	LUMILUX FLATLITE-F/P 36W	72521	46
4050300367620	LUMILUX FLATLITE-N/P 58W	72426	46
4050300367644	LUMILUX FLATLITE-F/P 58W	72526	46
4050300398280	OSRAM DULUX MOBIL COMBI	46431	83
4050300398303	OSRAM DULUX MOBIL COMBI ACCU	46436	83
4050300399133	OSRAM DULUX RONDEL 9W SENSOR	73025-75	59
4050300419923	OSRAM DULUX RONDEL-F/D 36W	74005	57
4050300419947	OSRAM DULUX RONDEL-F/P 36W	74005-43	57
4050300424644	OSRAM DULUX CARRÉ 9W SENSOR	73040-75	58
4050300432137	FLORALUX EL-R 20W	74012	75
4050300440880	LUMILUX BRIK EL 8W	72181	72
4050300440903	LUMILUX BRIK EL 13W	72185	72
4050300440927	OSRAM DULUX BRIK EL 9W	74121	73
4050300440941	OSRAM DULUX BRIK EL 11W	74125	73
4050300440965	OSRAM DULUX BRIK EL SENSOR 9W	74121-75	73
4050300455839	OSRAM DULUX MINI SW	46429	82
4050300462271	PLANTALUX 2x10W	42310	75
4050300478357	OSRAM DULUX TABLE EL 20W (stand)	73174	70
4050300486338	HALONESTRA 2x20W	41132	50
4050300486352	HALONESTRA 3x20W	41133	50
4050300486376	HALONESTRA 5x10W	41134	50
4050300487007	LUMILUX SPLIT-FM 8W	72287	53
4050300487021	LUMILUX SPLIT-FM 11W	72288	53
4050300487045	LUMILUX SPLIT-FM 13W	72289	53
4050300497822	LUMILUX DECO EL/D 8W	72161-44	48
4050300497846	LUMILUX DECO EL/D 13W	72165-44	48
4050300499543	PICOLINE EL 8W	72041	54
4050300499567	PICOLINE EL 13W	72042	54
4050300501017	STAR HALOGEN SI	46480	77
4050300513249	OSRAM ECOPACK-FH 14W	72601	37
4050300513263	OSRAM ECOPACK-FH 21W	72602	37
4050300513287	OSRAM ECOPACK-FH 28W	72603	37
4050300513300	OSRAM ECOPACK-FH 35W	72604	37
4050300524177	STAR HALOGEN SI (case)	46481	77
4050300528359	OSRAM ECOPACK 36W	72585	36
4050300528373	OSRAM ECOPACK 58W	72587	36
4050300532035	STAR HALOGEN SW (blister)	46480-01	77
4050300532059	STAR HALOGEN ACCU SW (blister)	46485-01	77
4050300535555	OSRAM SOFTLITE 18W	72531	43
4050300535579	OSRAM SOFTLITE 30W	72532	43
4050300535593	OSRAM SOFTLITE 36W	72533	43
4050300535616	OSRAM SOFTLITE 58W	72534	43
4050300535630	OSRAM SOFTLITE EL 24W	72535	44
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4050300535678	OSRAM SOFTLITE EL 54W	72537	44
4050300535692	OSRAM SOFTLITE EL 80W	72538	44
4050300553115	DECOSTAR STUDIO IRC 35W WS	41468	63
4050300553139	DECOSTAR STUDIO IRC 35W SI	41468	63
4050300556499	MINI COMBI	46432	82
4050300559346	OSRAM LITEGEN HQI-R 150W	20200	87
4050300560427	OSRAM DULUX TABLE EL/C 20W (clamp)	73173	70
4050300561981	OSRAM ECOPACK DIM 18W	72561	36
4050300562025	OSRAM ECOPACK DIM 36W	72565	36
4050300562070	OSRAM ECOPACK DIM 58W	72567	36
4050300562124	OSRAM ECOPACK 18W	72581	36
4050300564005	OSRAM DULUX TABLE ECO 21W (clamp)	73176	66
4050300566641	OSRAM DULUX TABLE ECO 21W (stand)	73177	66
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4050300569819	MINI COMBI (blister)	46432-01	82	4050300797762	OSRAM ECOPACK-FQ 24W	72630	38
4050300569833	POWERLITE 2 (blister)	46414-01	77	4050300820767	HALONEA 2x10W (blister)	41135-01	51
4050300569857	POWERLITE 3 (blister)	46416-01	77	4050300820804	HALONEA 3x10W (blister)	41136-01	51
4050300572819	POWERLITE 2	46414	77	4050300824062	LED garland CW, 40 lamps	LK 40 LED CW	31
4050300572833	POWERLITE 3	46416	77	4050300824086	LED garland CW, 80 lamps	LK 80 LED CW	31
4050300584102	DECOSTAR MULTISPOT-F 2x35W WS	41241	62	4050300824765	LUMILUX COMBI EL 8W WS	72032	32
4050300584126	DECOSTAR MULTISPOT-F 2x35W SI	41241	62	4050300824819	LUMILUX COMBI EL 13W WS	72037	32
4050300584140	DECOSTAR MULTISPOT-F 3x35W WS	41242	62	4050300850986	OSRAM DULUX COPILOT-L	41541	85
4050300584164	DECOSTAR MULTISPOT-F 3x35W SI	41242	62	4050300851013	OSRAM DULUX COPILOT-L 24	41546	85
4050300584263	OSRAM DULUX RONDEL ECO 9W	74041	59	4050300853048	OSRAM DULUX TABLE 2-S 11W SI (clamp)	73062	69
4050300584287	OSRAM DULUX RONDEL ECO 2x9W	74042	59	4050300853086	OSRAM DULUX TABLE 2-S 11W WS (clamp)	73062	69
4050300593975	PICOLINE EL 21W	72043	54	4050300859187	OSRAM ECOPACK-FQ 39W	72631	38
4050300593999	OSRAM DULUX BASE EL 20W (stand)	73172	70	4050300859200	OSRAM ECOPACK-FQ 54W	72632	38
4050300602158	DECOSTAR STUDIO IRC-P 35W	41473	63	4050300859385	OSRAM ECOPACK-FQ 80W	72633	38
4050300606606	MINI COMBI (case)	46433	82	4050300859767	OSRAM ECOPACK-FQ DIM 24W	72640	38
4050300615967	KRYPTON METAL SI (blister)	46479-01	80	4050300859781	OSRAM ECOPACK-FQ DIM 39W	72641	38
4050300615981	KRYPTON POWER SI	46477	80	4050300859804	OSRAM ECOPACK-FQ DIM 54W	72642	38
4050300616001	MINI KRYPTON SI (blister)	46476-01	80	4050300859828	OSRAM ECOPACK-FQ DIM 80W	72643	38
4050300620121	SLIMLITE EL 13W	73083	52	4050300859842	OSRAM DULUX TABLE 2-S 11W WS (stand)	73062-47	69
4050300620145	SLIMLITE EL 8W	73073	52	4050300859866	OSRAM DULUX TABLE 2-S 11W SI (stand)	73062-47	69
4050300620848	OSRAM DULUX TABLE COLOR 21W GE (stand)	73178	70	4050300862163	HALOPIN TABLE JET (clamp)	43730	67
4050300620862	OSRAM DULUX TABLE COLOR 21W RO (stand)	73178	70	4050300862408	HALOPIN TABLE JET (stand)	43730-47	67
4050300620886	OSRAM DULUX TABLE COLOR 21W BL (stand)	73178	70	4050300867168	OSRAM DULUX TABLE JET (clamp)	73180	67
4050300625652	HALOMAX-S MAGNIFYING GLASS (blister)	46461-01	79	4050300867182	OSRAM DULUX TABLE JET (stand)	73180-47	67
4050300636351	LUMILUX VARIO-FM 8W	72292	53	4050300884882	LED SAVER LIGHT SI/BL	46474	24
4050300636382	LUMILUX VARIO-FM 11W	72293	53	4050300884943	CAMPING LED SI/BL	46473	21
4050300636405	LUMILUX VARIO-FM 13W	72294	53	4050300900063	CAMPING HALOGEN DIM SI	46475	81
4050300642512	LUMILUX FLATLITE EL-F/P 18W	72510	47	4050300946115	LED PEN FLUO (blister)	46445-01	28
4050300642550	LUMILUX FLATLITE EL-F/P 30W	72515	47	4050300952505	LUNETTA LED	47000-01	29
4050300642574	LUMILUX FLATLITE EL-F/P 36W	72520	47	4050300975429	LUMILINE EL 13W (blister)	73130	51
4050300642598	LUMILUX FLATLITE EL-F/P 58W	72525	47	4050300975443	LUMILINE EL 8W (blister)	73120	51
4050300643144	MAXISPOT HALOPAR 50W WS	43697	65	4050300986517	LUMILUX COMBI EL-N 58W WS	72026	32
4050300643168	MAXISPOT HALOPAR 50W SW	43697	65				
4050300646756	LUMILUX FLATLITE EL-F/R 58W	72524	47				
4050300646817	LUMILUX FLATLITE EL-F/R 30W	72514	47				
4050300646831	LUMILUX FLATLITE EL-F/R 36W	72519	47				
4050300657905	LUMILUX FLATLITE EL-F/R 18W	72509	47				
4050300659213	OSRAM ECOPACK-FH DIM 14W	72611	37				
4050300659237	OSRAM ECOPACK-FH DIM 21W	72612	37				
4050300659251	OSRAM ECOPACK-FH DIM 28W	72613	37				
4050300659275	OSRAM ECOPACK-FH DIM 35W	72614	37				
4050300667232	OSRAM DULUX TABLE SPRING 2 (stand)	73159	71				
4050300667256	OSRAM DULUX TABLE SPRING 2 (clamp)	73160	71				
4050300667270	OSRAM DULUX TABLE SPRING 1 (clamp)	73158	71				
4050300757353	OSRAM SOFTLITE DIM 24W	72545	45				
4050300757377	OSRAM SOFTLITE DIM 39W	72546	45				
4050300757391	OSRAM SOFTLITE DIM 54W	72547	45				
4050300757414	OSRAM SOFTLITE DIM 80W	72548	45				
4050300767963	MINI XENON (blister)	46464-01	76				
4050300769714	LUMILINE EL 8W	73120	51				
4050300769738	LUMILINE EL 13W	73130	51				
4050300773254	LINESTRA ALU 60W	0655K	84				
4050300773278	LINESTRA ALU 35W	0654K	84				
4050300773919	LINESTRA ALU 120W	0656K	84				
4050300774206	LUMILUX DUO EL-F/P 2x18W	72085	40				
4050300774237	LUMILUX DUO EL-F/P 2x36W	72086	40				
4050300774268	LUMILUX DUO EL-F/P 2x58W	72087	40				
4050300774299	LUMILUX DUO EL-F/R 2x18W	72088	40				
4050300774329	LUMILUX DUO EL-F/R 2x36W	72089	40				
4050300774350	LUMILUX DUO EL-F/R 2x58W	72090	40				
4050300776057	CAMPING ENERGY AUTOMATIC SI	46471	81				
4050300777979	LED KEY CHAIN (blister)	46447-01	27				
4050300778006	LED TRACER (blister)	46446-01	27				
4050300784519	HALONEA 2x10W	41135	51				
4050300784540	HALONEA 3x10W	41136	51				
4050300787947	LUMILUX DUO DIM-F/P 2x18W	72091	41				
4050300787961	LUMILUX DUO DIM-F/P 2x36W	72092	41				
4050300787985	LUMILUX DUO DIM-F/P 2x58W	72093	41				
4050300788005	LUMILUX DUO DIM-F/R 2x18W	72094	41				
4050300788029	LUMILUX DUO DIM-F/R 2x36W	72095	41				
4050300788043	LUMILUX DUO DIM-F/R 2x58W	72096	41				
4050300789576	LED LITE + WRITE (blister)	46448-01	28				

## Accessories

4008321032737	Radio switch	TOUCH DIM WCU	92
4008321079886	OSRAM ECOPACK Louvre	72650	93
4008321079909	OSRAM ECOPACK Louvre	72651	93
4008321080424	OSRAM ECOPACK Louvre	72652	93
4008321080448	OSRAM ECOPACK Louvre	72653	93
4008321903945	Replacement candles CAK 15	6141 VS	91
4050300012742	LINESTRA lampholders	Holder 662	96
4050300012766	LINESTRA lampholders	Holder 675	96
4050300014357	Replacement clamps for WLA 15	WLA/K-03	91
4050300018058	Replacement clamps for CIK, WLI	CIK/K-03	91
4050300018119	Sealing rings for CAK 15	CAK/D 2-05	91
4050300018638	LINESTRA lampholders	Holder 670	96
4050300050348	Replacement lamps WLA 15/WLI 15	6119 BLI3	91
4050300050362	Replacement candles for star	6125 BLI3	91
4050300050386	Replacement candles CAK 15	6141 BLI2	91
4050300050423	Replacement candles CIK 15	6131 BLI2	91
4050300125602	Connecting cable 100mm	74101-52	95
4050300125626	Connecting cable 600mm	74101-53	95
4050300125640	Connecting cable 1000mm	74101-54	95
4050300125749	Installation kit OSRAM DULUX CARRÉ EL 2x18W	73201-57	97
4050300125763	Installation kit OSRAM DULUX CARRÉ EL 2x24W	73210-57	97
4050300131696	Double cap	72408-55	95
4050300213774	Replacement clamps for CAK 15	CAK/K-03	91
4050300298061	Sensors, light	DIM PICO	92
4050300437224	Sealing rings for WLA 15	WLA/D 05	91
4050300464411	Sensors, light	DIM MICO	92
4050300486390	Double socket (LUMINESTRA – HALONESTRA)	41132-50	94
4050300486413	Socket/switch element (LUMINESTRA – HALONESTRA)	41132-56	94
4050300554471	Sensors, light/movement	DIM MULTI	92
4050300772219	Double socket (LUMILINE – HALONEA)	41137	94
4050300792200	Pendant kit	72097	93
4050300807263	Switch/socket element (LUMILINE – HALONEA)	41138	94
4050300831411	Replacement candles CAK 15	6141 TAB	91
4050300853147	Replacement candles CIK 15	6131 TAB	91



## Batten luminaires quick finder

	LUMILUX® COMBI EL-N, -F	LUMILUX® COMBI EL-N/P, -F/P	LUMILUX® COMBI-N, -F electronic	LUMILUX® COMBI-F/B, -F/D electronic	OSRAM ECOPACK®	OSRAM ECOPACK® DIM	OSRAM ECOPACK® FH	OSRAM ECOPACK® FH DIM	OSRAM ECOPACK® FQ	OSRAM ECOPACK® FQ DIM	LUMILUX DUO® EL-F/P, -F/R		
Page	32	33	34	35	36	36	37	37	38	38	39	40	
Electronic control gear	●	●	●	●	●	●	●	●	●	●	●	●	
Innovative FM®/FH®/FQ® fluorescent lamps							●	●	●	●	●		
Dimmable/Daylight-dependent controllers						●		●		●	●		
Power cable	●	●	●										
Fixed connection	●	●	●	●	●	●	●	●	●	●	●	●	
Prepared for strip lighting											●		
Tiny dimensions													
Lamp cover		●		●			●	●				●	
Rotary shade				●									
Louvre												●	

Ceiling mounting	●	●	●		●	●	●	●	●	●	●	●	
Wall mounting	●	●	●	●									
Furniture	●		●										
Mirror				●									
Outdoors													



	LUMILUX DUO® DIM-F/R; -F/R	LUMILUX DUO® T5-F/R; -F/R	OSRAM SOFTLITE®	OSRAM SOFTLITE® EL	OSRAM SOFTLITE® DIM	LUMILUX FLATLITE® F/R; -N/P	LUMILUX FLATLITE® EL-F/R	LUMILUX FLATLITE® EL-F/R	LUMILUX® DECO EL/P; -D	LUMILUX® VARIO EL-N; -F	LUMINESTRA® EL	LUMILINE® EL	SLIMLITE® EL	SLIMLITE® EL-F	LUMILUX SPLIT®-FM	LUMILUX® VARIO-FM	PICOLINE® EL	LUMILUX SPLIT®-HE	LUMILUX BRIK® EL	
	41	42	43	44	45	46	47	47	48	49	50	51	52	52	53	53	54	55	72	
	●	●		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
		●		●	●										●	●	●	●		
	●				●															
	●	●	●	●	●	●	●	●	●	●					●	●			●	●
		●				●	●	●			●	●								●
											●	●	●	●	●	●	●	●		●
	●	●	●	●	●	●	●		●		●	●	●	●						●
	●	●								●						●				
	●	●						●												
	●	●	●	●	●	●	●	●												●
			●	●	●	●			●	●										●
																				●



### **Information, sales promotion and brand identity: packaging for OSRAM luminaires**

OSRAM has conducted a study into consumer behaviour and investigated the criteria that guide customers' purchasing decisions. The knowledge gained with regard to the factors that inhibit or promote the decision to purchase a particular lamp, the factors that make customers uncertain or actively encourage them to buy, formed the basis for the new OSRAM packaging design for luminaires.

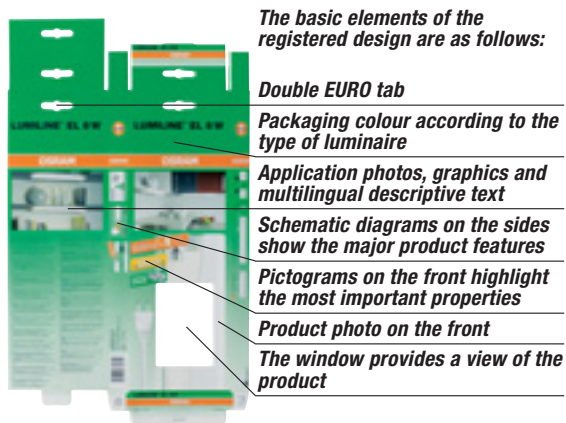
The result is a set of designs that reflect the times we live in: friendly and informative for our customers, appealing enough to promote sales for our retailers and recyclable to help the environment. Attractive product photos show the contents, while text in a number of different languages and graphics that are easy to interpret describe the product and its benefits. With the contents so clearly identified, it is far less likely that customers will have to break open packages to see what's inside.

### **Further development of the OSRAM image**

The new packaging design still has the traditional OSRAM look – a bright overall impression with an orange band and the OSRAM name.

Colour codes have been introduced for the lamp packages, and the same colour codes are now being used for luminaire packaging: Luminaires with energy-saving light are unmistakable in their green packaging, while luminaires with halogen lamps appear in blue packaging.

This colourful, bright and cheerful appearance of the new packaging is a visible expression of the slogan: “good light of high quality”. The great benefit is that the packaging now draws attention to the value of the product.



*The basic elements of the registered design are as follows:*

*Double EURO tab*

*Packaging colour according to the type of luminaire*

*Application photos, graphics and multilingual descriptive text*

*Schematic diagrams on the sides show the major product features*

*Pictograms on the front highlight the most important properties*

*Product photo on the front*

*The window provides a view of the product*



### **Blister packs**

By their very nature, blister packs can only carry the basic features of the packaging design: the product is visible through the plastic film so there is no need for a product photo. There is very little space for explanatory text or application photos. OSRAM blister packs are designed for self-service displays with blister hooks. The product features and areas of application are advertised in short and simple sentences and self-explanatory pictograms.

### **Presentation packs**

OSRAM torches make very welcome presents so we have designed extremely attractive presentation packaging for the entire range, to add a little extra pleasure to the acts of giving and receiving.

### **Sales promotion**

The product photos on the packaging present the luminaires in their most attractive settings. Application photos show a wide range of typical uses which clearly indicate the ideal areas of application and the specific benefits of the luminaire.

### **Self-explanatory**

Product names with an explanatory sub-text together with product descriptions in many different languages provide information on how the luminaire is to be used and the benefits to be expected. Graphics such as dimensional drawings and pictograms showing such things as energy savings reinforce the statements made in the descriptive text. And special signets such as “electronic comfort light” emphasise the particular quality features of the luminaire.

### **Clear labelling**

Since the same luminaire packaging is often used for a range of similar products which may differ in size, wattage or colour, it is important that the contents of the box can be identified quickly and accurately. This is achieved in two ways:

1. With full labelling on the front, back and, if applicable, the ends of the packaging
2. With product names next to the line drawings on the side or back of the box. A cross identifies the luminaire in terms of size and wattage.