

RANKALANA CAL

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LED





# space, every solution Philips

For eve

Meet CoreLine: the complete range of LED lighting

# For every space, every solution

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings.

The new CoreLine range of LED luminaires offers stylish, energy-saving, affordable, and easy-to-install lighting solutions - viable replacements for traditional lighting technologies across numerous applications.

Using LED lighting technology across the range allows longer lifetimes, which means reduced maintenance and fewer replacement parts, plus energy savings of up to 75% compared with traditional lighting fixtures – all leading to more sustainable lighting solutions.

The quality and light levels delivered by the CoreLine range enable 'hole-for-hole' replacement of similar traditional lighting fixtures. Simply remove the old fixture and fit the new innovative LED CoreLine solution; virtually no need for expensive rewiring or new ceiling configurations.

The look and feel of CoreLine solutions is consistent - ease of installation, coupled with quality finishes across the range, ensures CoreLine is the clear choice for LED.

**The CoreLine family consists of eleven quality products** Downlight, Recessed, Panel, Spot, Surface-mounted, Wall-mounted, Batten, Waterproof, High-bay, Under-shelf and Flood.



The installer touch-points are highlighted with green colours, which are consistent across the CoreLine range.



The product label is recognisable with a QR tag.

#### 66 Want increased lighting comfort & additional energy savings?"

#### Simply add controls

By simply adding lighting controls with CoreLine luminaires - significant additional savings can be made on costs associated with energy and carbon; reducing the payback time of the installation.

Lighting need only be on where and when needed. Movement and presence detection controls can help you to simply achieve this - reducing costs, whilst still ensuring comfort and safety. CoreLine dedicated controls; the clear choice for many applications.

#### www.philips.co.uk/coreline

IP 65

# **The CoreLine** LED Range



#### CoreLine Downlight

The cost-effective solution for indoor lighting.



Stylish design & easy placement.

#### CoreLine **Panel**

Excellent diffused light quality.

#### CoreLine **Spot**

Easy replacement for halogen.

### CoreLine **Surface-mounted**

Slim design for discreet placement.









#### CoreLine Wall-mounted

Energy efficient, durable LED technology.



#### CoreLine Batten

Simple switch to LED luminaires.





#### CoreLine Waterproof

Excellent performance & sleek design.





#### CoreLine **High-bay**

Excellent performance, reduced maintenance.





#### CoreLine Mini Pentura

Ultra slim and easy to install.



The cost-effective solution for area lighting.









# CoreLine **Downlight**



# The cost-effective solution for indoor lighting?

Project: AB Group, Italy

#### **Specifications**

Type Power Luminous Flux Colour Temp. CRI Lifetime DN125B Mini 13 W, Compact 24 W Mini 1000 lm, Compact 2000 lm 3000 K, 4000 K ≥ 80 70,000 hrs (L70B50) 50,000 hrs (L80B50)

#### **Benefits**

- General lighting replacing CFL
- Up to 75% energy savings
- $\cdot$  5 x longer lifetime
- 2 year payback
- Dimmable
- Range of adapter rings available for irregular cut-outs

#### Application

General lighting / Corridors / Indoor circulation areas

	CFL EM	CoreLine Downlight
	E 3	
Wattage Mini Wattage Compact	51 W 66 W	13 W 24 W
Lifetime	10,000 hrs	70,000 hrs

Up to

energy savings

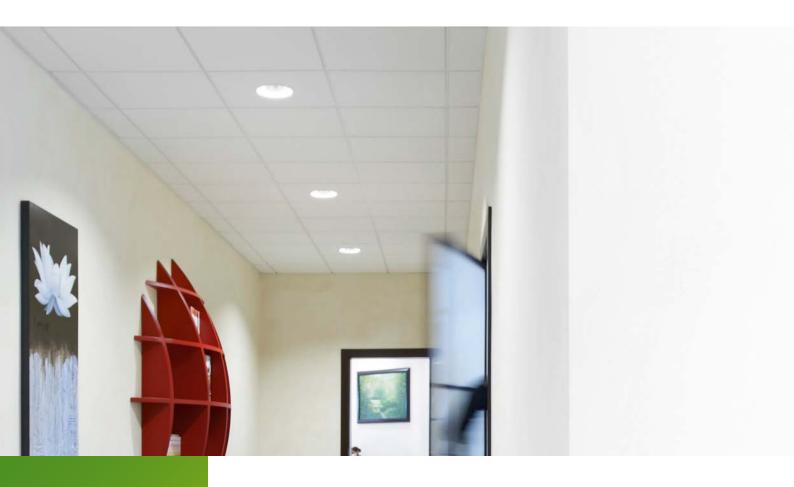
Savings over life\*

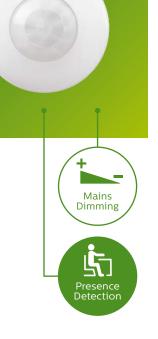
£370.-

LED Range

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Downlight



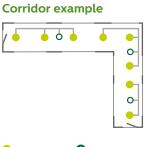


Presence Detector LRM 1011

#### **Up to 30% additional energy savings** when combined with the Presence Detector

#### Benefits

- Small, unobtrusive sensor
- detects subtle movement
- $\boldsymbol{\cdot}$  Increased lifespan of installation
- turns off lighting when not required



Luminaire O Detector \_\_\_\_\_ Mains to luminaire

## CoreLine **Recessed**





#### Specifications

Туре	RC120B
Power	LED37S version: 42W
	LED26S version: 31W
Luminous Flux	LED37S version: 3700 lm,
	LED26S version: 2600 lm
Colour Temp.	3000 K, 4000 K
CRI	≥80
Lifetime	50,000 hrs (L70B50)
	30,000 hrs (L80B50)

#### **Benefits**

- General lighting replacing conventional TL-D & T5
- Up to 40% energy savings
- 2 x longer lifetime
- Slim design & <35 mm height
- Office compliant optic available VAR-PC version

#### Application

General lighting

	TL-D / TL-5	CoreLine Recessed
Wattage	63 W 70 W	42 W 42 W
Lifetime	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

#### Savings over life\*

£114.-

LED Range

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..... Recessed

# 66 Stylish design & easy placement."



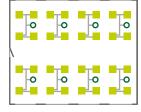
Mains Dimming Presence Detection Presence Detector LRM 1011

#### **Up to 30% additional energy savings** when combined with the Presence Detector

#### Benefits

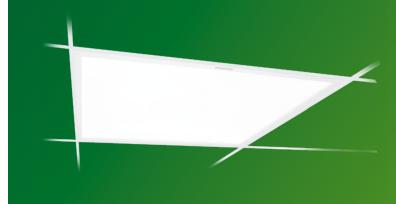
- Small, unobtrusive sensor
- detects subtle movement
- Increased lifespan of installation
   turns off lighting when not required

#### Open plan office example



Luminaire O Detector \_\_\_\_ Mains to luminaire

# CoreLine **Panel**





#### Specifications

Туре
Power
Luminous Flux
Colour Temp.
CRI
Lifetime

RC125B, RC126B 41W 3400 lm 3000 K, 4000 K ≥ 80 50,000 hrs (L70B50) 30,000 hrs (L80B50)

#### **Benefits**

- $\cdot$  General lighting replacing conventional TL-D & T5
- Up to 40% energy savings
- 2 x longer lifetime
- Efficacy (lm/w) 83 lm/w
- Warranty: 3 year
- Easy connection

#### Application

General lighting

	TL-D / TL-5	CoreLine Panel
	MIT	17
Wattage	63 W 70 W	41W 41W
Lifetime	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

#### Savings over life\*

£200.-

LED Range

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Panel

# 6 Excellent diffused light quality





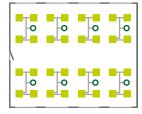
Presence Detector LRM 1011

#### **Up to 30% additional energy savings** when combined with the Presence Detector

#### Benefits

- Small, unobtrusive sensor
- detects subtle movement
- Increased lifespan of installation
   turns off lighting when not required
- $\cdot$  Parallel option for open plan

#### Open plan office example



Luminaire O Detector \_\_\_\_ Mains to luminaire

# CoreLine **Spot**





#### **Specifications**

Туре	BBS120 IP20 version
	(white or satin nickel)
	BBS165 IP65 version
	(white or satin nickel)
Power	5.5W
Luminous Flux	350 lm (2700K), 385 lm (4000K)
Colour Temp.	2700 K / 4000 K
CRI	>80
Lifetime	40,000 hrs

#### Benefits

- Perfect for accent and general lighting
- 89% energy saving
- $\cdot$  20 x longer lifetime
- $\cdot$  6 month payback
- Dimmable
- $\cdot$  40 degree beam angle
- $\cdot$  Fire-rated

#### Application

Hospitality areas, Public areas: Lobby & reception area / Display racks / Corridors / Washrooms

	LV Halogen	CoreLine Spot
Wattage	50 W	5.5W
Lifetime	2000 hrs	40,000 hrs

#### Savings over life\*



LED Range

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LED Range

Spot

# **6 Easy replacement** for halogen."



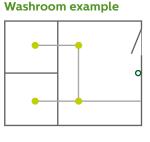


Movement Detector LRM 1032

#### **Up to 50% additional energy savings** when combined with the Movement Detector

#### Benefits

- Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation
- turns off lighting when not required



Luminaire O Detector \_\_\_\_ Mains to luminaire

# CoreLine Surfacemounted



# **6 6 Slim design** for discreet placement."

#### **Specifications**

Type Power Luminous Flux Colour Temp. CRI Lifetime SM12OV LED37S version: 42 W LED26S version: 31 W LED37S version: 3700 lm LED26S version: 2600 lm 3000 K, 4000 K ≥ 80 50,000 hrs (L70B50) 30,000 hrs (L80B50)

#### **Benefits**

- General lighting replacing
- conventional TL-D & T5
- Up to 40% energy savings
- $\cdot$  2 x longer lifetime
- Slim design & <40 mm height</li>
- Suspension set available for suspended applications

#### Application

General lighting

	TL-D / TL-5	CoreLine Surface-mounted
Wattage	63 W 72 W	42 W 42 W
Lifetime	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

Up to

energy savings

#### Savings over life\*

£121.-

\* Based on UK average of 12p/kW hours including

maintenance and lamp replacement cost.

\*\* The CoreLine Surface-mounted is also available in suspended mode.

LED Range

Surfacemounted

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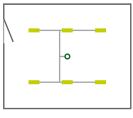
### Presence Detector LRM 1000

#### **Up to 30% additional energy savings** when combined with the Presence Detector

#### Benefits

- $\cdot$  Increased lifespan of installation
  - turns off lighting when not required
- $\boldsymbol{\cdot}$  Detects subtle movement
- $\cdot$  Surface mounted sensor installation

#### Washroom example





Luminaire O Detector \_\_\_\_ Mains to luminaire

# CoreLine Wallmounted



# **66** User friend through built-in controls.

#### **Specifications**

Type

Luminous Flux and Power

WL121V Oval

WL120V Round

Colour Temp. CRI Lifetime

WL121V LED5S: 500 lm, 8 W WL120V LED12S: 1200 lm, 18 W WL120V LED16S: 1600 lm, 24 W 3000 K, 4000 K >80 70,000 hrs (L70B50) 50,000 hrs (L80B50)

#### **Benefits**

- · General lighting replacing traditional wall-mounted luminaires
- Up to 55% energy savings
- 5 x longer lifetime
- IP65 & IK10 with built-in controls
- Dimmable

#### Application

Corridors / Staircases / Public entrance areas / Bathrooms / Emergency exits / Parking garages / Outdoor safety lighting



#### Savings over life\*

LED12S

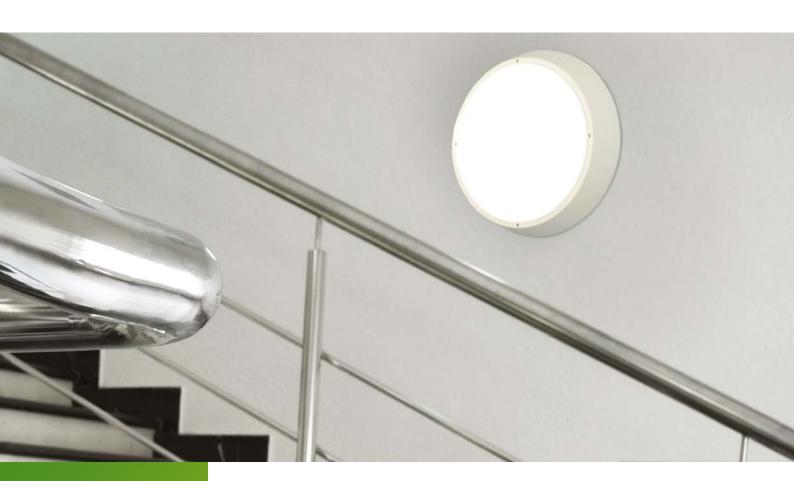
LED16S 240.-

Up to

energy savings

LED Range

Wall-mounted





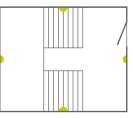


#### **Up to 70% additional energy savings** when built-in Movement Detectors are optimised

#### **Benefits**

- Fast & easy installation due to built-in sensor
- Adjustment of brightness, sensitivity & timer is quick and easy via push buttons

#### Staircase example



🗕 Luminaire 🛛 💻 Mains to luminaire

# CoreLine **Batten**





#### Specifications

Туре	BN120C push-in connection
	BN121C IEC connector
Power	LED19S L600: 20 W
	LED38S L1200: 40 W
Luminous Flux	LED19S L600: 1900 lm
	LED38S L1200: 3800 lm
Colour Temp.	3000 K, 4000 K
CRI	≥80
Lifetime	50,000 hrs (L70B50)
	30,000 hrs (L80B50)

#### **Benefits**

- General lighting replacing conventional TL-D
- Up to 40% energy savings
- 2 x longer lifetime
- Installation flexibility & lengths same as TL-D
- Excellent performance & light quality with frosted diffuser
- Application

General lighting / Assembly lines / Cove lighting



#### Savings over life\*





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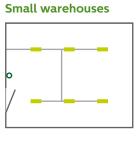


**Movement Detector LRM 1032** 

#### Up to 50% additional energy savings when combined with the Movement Detector

#### **Benefits**

- Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation
- turns off lighting when not required







LED Range

CoreLine .....

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Batten

# CoreLine Waterproof



#### **Specifications**

Туре	WT12OC
Luminous Flux	
and Power	LED18S L600: 1800 lm, 19 W
	LED22S L1200: 2200 lm, 23 W
	LED40S L1200: 4000 lm, 41 W
	LED34S L1500: 3400 lm, 29 W
	LED60S L1500: 6000 lm, 57 W
Colour Temp.	4000 K
CRI	≥80
Lifetime	70,000 hrs (L70B50)
	50,000 hrs (L80B50)

	TL-D	CoreLine Waterproof
Wattage	2x18 W 1x36 W 2x36 W 1x58 W 2x58 W	19 W 23 W 41 W 29 W 57 W
Lifetime	15,000 hrs	70,000 hrs

#### **Benefits**

- Industrial lighting replacing conventional TL-D & T5
- Up to 50% energy savings
- 3.3 x longer lifetime
- Installation flexibility & lengths same as TL-D
- Excellent performance & sleek design
- IP65 & IK08 rated

#### Application

Parking garages / Warehouses / General lighting

LED405

Savings over life\*

E385.-

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LED Range

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Waterproof .....

# **AUSFAI** performance Excellent & sleek design.



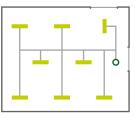
**Movement Detector LRM 1040** 

#### Up to 70% additional energy savings when combined with the Movement Detector

#### **Benefits**

- Daylight override sensor prevents switch on if enough daylight is available
- Up to 20 years usage
- Increased lifespan of installation
- turns off lighting when not required
- Wall and ceiling mounting possibility
- IP54

#### Small parking garage example



Luminaire O Detector \_\_\_\_ Mains to luminaire



# CoreLine **High-bay**



# alltid lite mer...

Project: Ica Max, Halmstad

#### **Specifications**

Туре	BY120P
	BY121P
Power	BY120P: 100W
	BY121P: 200W
Luminous Flux	BY120P: 10,500 lm
	BY121P: 20,500 lm
Colour Temp.	4000 K
CRI	> or + to 80
Lifetime	70,000 hrs (L70B50)
	50,000 hrs (L80B50)

#### Benefits

- Industrial lighting point-for-point replacement of 250 W & 400 W conventional HPI high-bays
- Up to 60% energy savings
- 5 x longer lifetime
- Reduced maintenance
- Excellent performance & light quality high CRI

#### Application

Warehouses / Industry / Major halls / Supermarkets



Up to

energy savings

#### Savings over life\*

£1530.-



# **66** Excellent performance, reduced maintenance."

High-bay

LED Range

CoreLine .....

23

# Mini Pentura



#### **Specifications**

Type Power Luminous Flux Colour Temp. CRI Lifetime

BN130C 4W / 7W / 11W / 14W 280 lm / 550 lm / 800 lm / 1100 lm 3000 K / 4000 K >80 50,000 hrs (L70B50) 30,000 hrs (L80B50)

#### **Benefits**

- Ultra-thin design for under-cabinet / shelf lighting and cove lighting
- 40% energy saving
- Easy to install coupling part-integrated in the housing, all accessories are included in the box
- Install and forget no maintenance or lamp replacement
- Homogenous light line effect (no dots or shadows)

#### Application

Under-cabinet lighting / under-shelf lighting / Cove lighting

	Mini Pentura T5	Mini Pentura LED		
Wattage	14 W	7W		
Lifetime	19,000 hrs	50,000 hrs		

#### Savings over life\*



..... LED Range

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Under-shelf /

.....

Cove



# 66 Homogenous line of light, no dots or shadows."

# CoreLine **Tempo**





#### Specifications

Type Power Luminous Flux Colour Temp. CRI Lifetime BVP120 40 W, 80 W, 120 W 4000 lm, 8000 lm, 12,000 lm 4000 K 80 70,000 hrs (L70B50) 50,000 hrs (L80B50)

#### **Benefits**

- Point-to-point replacement from 70 W to 250 W conventional floodlight
- Energy savings up to 50% compared to HPI-P systems
- More light control. Light where it is needed
- Instant light, long lifetime
- Reliable Quality: Die-casting aluminium housing guarantees robustness, vibration-proof, wind force protection, painted in RAL 9007, IP65 protection

#### Application

General outdoor Area lighting / Industrial Areas / Billboards / Parking lots / Building facades

	HID	CoreLine Tempo
Wattage	70 W 150 W 250 W	40 W 80 W 120 W
Lifetime	20,000 hrs	70,000 hrs

#### Savings over life\*

£200.-



**66 The cost-effective** solution for area lighting."

Tempo

LED Range

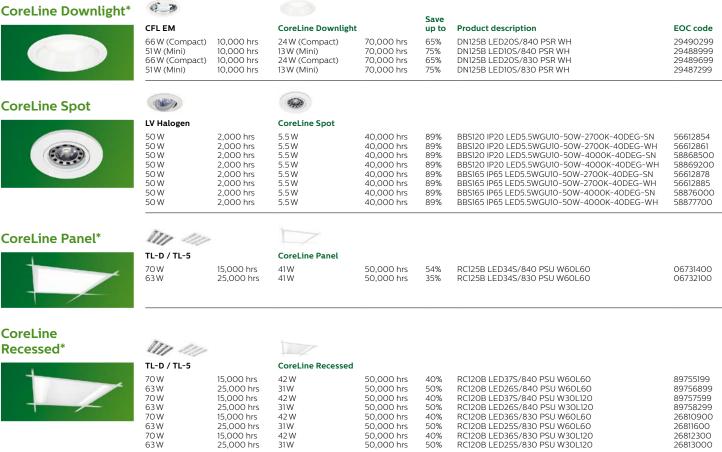
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CoreLine

27

# Product Overview

#### **CoreLine Downlight\***



CoreLine Surface-mounted\*



1						
TL-D / TL-5		CoreLine Sur	face-mounted			
70 W	15,000 hrs	42 W	50,000 hrs	40%	SM120V LED37S/840 PSU W60L60	89759999
63W	25,000 hrs	31W	50,000 hrs	50%	SM120V LED26S/840 PSU W60L60	89760599
70 W	15,000 hrs	42 W	50,000 hrs	40%	SM120V LED37S/840 PSU W20L120	89761299
63W	25,000 hrs	31W	50,000 hrs	50%	SM120V LED26S/840 PSU W20L120	89762999
70 W	15,000 hrs	42 W	50,000 hrs	40%	SM120V LED36S/830 PSU W60L60	26814700
63W	25,000 hrs	31W	50,000 hrs	50%	SM120V LED25S/830 PSU W60L60	26815400
	15,000 hrs	42 W	50,000 hrs	40%	SM120V LED36S/830 PSU W20L120	26816100
63W	25,000 hrs	31W	50,000 hrs	50%	SM120V LED25S/830 PSU W20L120	26817800

\*Also available in emergency.

LED Range

#### Product

Overview

CoreLine Wall-mounted*	Electronic PL-C 2x26 W 2x18 W	10,000 hrs 10,000 hrs	CoreLine Wall-mod 24 W 18 W	<b>unted</b> 70,000 hrs 70,000 hrs	<b>Save</b> up to 54% 54%	Product description WL12OV LED165/840 PSR WH WL12OV LED12S/840 PSR WH	<b>EOC code</b> 06633199 06635599
CoreLine Batten	p A		P				
	TL-D 2x36 W 2x18 W 2x36 W 2x18 W	15,000 hrs 15,000 hrs 15,000 hrs 15,000 hrs	<b>CoreLine Batten</b> 40 W 20 W 40 W 20 W	50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs	40% 40% 40% 40%	BN120C LED385/840 PSU L1200 BN120C LED195/840 PSU L600 BN120C LED385/830 PSU L1200 BN120C LED195/830 PSU L600	89957999 89955599 89961699 89959399
CoreLine Waterproof*	P		1				
	TL-D 2x58 W 1x58 W 2x36 W 1x36 W 2x18 W	15,000 hrs 15,000 hrs 15,000 hrs 15,000 hrs 15,000 hrs	<b>CoreLine Waterpro</b> 57W 29W 41W 23W 19W	70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs	50% 50% 43% 36% 47%	WT120C LED60S/840 PSU L1500 WT120C LED34S/840 PSU L1500 WT120C LED40S/840 PSU L1200 WT120C LED22S/840 PSU L1200 WT120C LED18S/840 PSU L600	84049700 84047300 84048000 84046600 84045900
CoreLine High-bay			6				
	HPI 400 W 250 W	10,000 hrs 10,000 hrs	<b>CoreLine High-bay</b> 250 W 100 W	70,000 hrs 70,000 hrs	54% 63%	BY121P G2 LED2055/840 PSU WB GR BY120P G2 LED1055/840 PSU WB GR BY121Z G2 MB (Mounting bracket) BY120Z G2 MB (Mounting bracket)	29606700 29605000 29608199 29607499
Mini Pentura			/				
	Mini Pentura T5		Mini Pentura LED				
	35W 35W 28W 28W 21W 21W 21W 14W	19,000 hrs 19,000 hrs 19,000 hrs 19,000 hrs 19,000 hrs 19,000 hrs 19,000 hrs 19,000 hrs	14W 11W 11W 7W 7W 4W	50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs	60% 60% 60% 67% 67% 71% 71%	BN13OC LED105/840 PSU L1185 BN13OC LED105/830 PSU L1185 BN13OC LED85/840 PSU L185 BN13OC LED85/840 PSU L885 BN13OC LED65/840 PSU L585 BN13OC LED55/830 PSU L585 BN13OC LED55/840 PSU L325 BN13OC LED35/840 PSU L325	29647099 29648799 29650099 29651799 29651799 29653199 29653199 29654899
CoreLine Tempo			B				
	HID 250 W 150 W 70 W 250 W 150 W 70 W	20,000 hrs 20,000 hrs 20,000 hrs 20,000 hrs 20,000 hrs 20,000 hrs	<b>CoreLine Tempo</b> 120 W 80 W 40 W 120 W 80 W 40 W	70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs 70,000 hrs	52% 46% 43% 52% 46% 43%	BVP120 LED120/NW S BVP120 LED80/NW S BVP120 LED40/NW S BVP120 LED120/NW A BVP120 LED120/NW A BVP120 LED40/NW A	29587900 29586200 29585500 29590900 29589300 29588600

# Product **Overview**

#### LRM100



Product type Presence Detector **Product description** LRM1000 OS mov det **EOC code** 22557700

#### LRM1011



Product type Presence Detector Product description

**EOC code** 22561400

LRM1032



Product type Movement Detector

**Product description** LRM1032 OS mov det switch 2w DI

**EOC code** 22567500

LRM1040



Product type Movement Detector

**Product description** LRM1040 OS mov det IP55 240dgr **EOC code** 22573700

#### UID8670



**Product type** Mains Dimming Product description
UID8670/00 LED dimmer

**EOC code** 67562400



For more information about the CoreLine range, please visit: www.philips.co.uk/coreline



For detailed product information and full specification visit: www.ecat.lighting.philips.co.uk



# "My space, **my solution.**"

AllTapeSupplies has been a leader in the self-adhesive tape business for more than 25 years. When the time came to decide for the lighting equipment of their new office in Tilburg, the Netherlands, they looked for a solution that reflected the same value that the company brings to its clients: quality performance.

CEO Felipe Muñoz has a clear view on the role that lighting should play in his organisation. "With the switch to Philips LED we have reduced maintenance and therefore we achieved far less disruption in our business operations. Our office is a very comfortable and productive working environment due to the guaranteed flicker free light and the integrated new optics, which meet the office lighting norms." Muñoz decided to take his own philosophy to heart. "We wanted our own people to benefit from the new lighting, just as we want our customers to benefit from our products." The lighting saves up to 40% versus the traditional office lighting. This helps us to meet our sustainability goals and underlines our company's vision.

#### "The quality of lighting

makes our day comfortable and productive."

#### Project AllTapeSupplies Location Tilburg, The Netherlands CEO Juan Felipe Muñoz Philips lighting solution CoreLine Recessed CoreLine Downlight



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www.philips.co.uk/coreline August 2014