



**PHILIPS**

CoreLine

LED Range

Product guide

For every  
space,  
**every  
solution**



# Meet CoreLine: the complete range of LED lighting

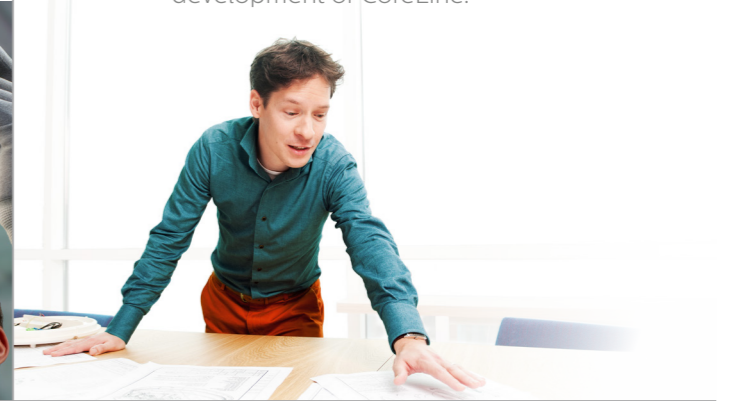
CoreLine

LED Range

Index

4  
Introduction

6  
Tailor made  
Read the story behind the  
development of CoreLine.



The complete range  
Discover every CoreLine product  
available today.

8

18  
Overview controls  
See how the different sensors can  
make your installation more flexible  
and optimise energy savings.



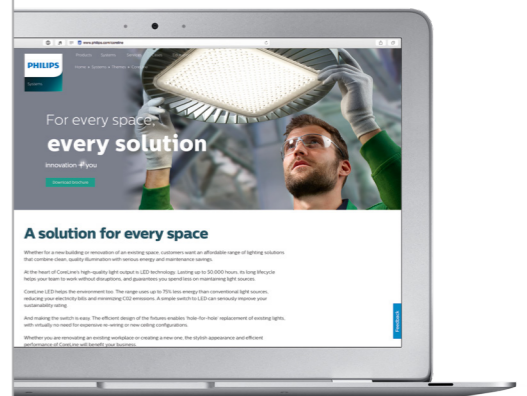
22  
Application bundles  
Maximise energy savings as well  
as user comfort with our ready-to-use  
product combinations.

20, 24  
& 29  
Case studies



26  
Overview products  
Get the full specifications for  
every product in the range.

30  
CoreLine website  
Go online for a complete  
CoreLine resource.





# 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.

[www.philips.co.uk/coreline](http://www.philips.co.uk/coreline)

# Tailor made



**Riemer Adema**  
Product Manager  
at Philips Lighting  
“Installers have given us valuable insights on design trade-offs and installation.”

**What makes the CoreLine range special?**  
“CoreLine products are developed with the installer’s perspective in mind. What makes CoreLine special is that we have created a range of products that help clients move

to a new technology without compromising anything. They get an amazing quality of light with all the added benefits of LED - energy savings and long lifetime.”

**How was the range developed?**  
“For all CoreLine products, as they were being designed, samples were shown to installers. We wanted to validate the concept and get feedback from them at an early stage. That helped us get the functional specifications right and create products that were easy to install.”

“  
CoreLine products  
are developed with  
the installer’s  
perspective in mind.”

We used architecture studies to see how to fit in the LED board and driver. Next, the design and R&D teams stepped in, and finally the products were manufactured and tested. The marketing and sales teams then prepared the product introduction, and the range went on sale.”

**How did you incorporate installer feedback?**

“Let me give you an example. CoreLine Wall-mounted was co-developed with a partner installer, right from the initial drawing stage up until the product launch. The installer gave us valuable insights on design trade-offs and installation specifics. It’s all in the details. Things like two-hand installation, a good fit for different power cable diameters, etc. It’s those little things that make a really big difference.”

**How has the market responded to CoreLine?**

“We are hearing great things from our installers, and they are getting good feedback from their clients. The range is sold everywhere in Europe - but also in Russia, Turkey and the Middle East, and even in New Zealand and Australia. We’ve also seen great response from our wholesale partners, who have embraced CoreLine because it offers such a complete solution.”

**What are the latest developments?**

“I think the biggest change has been adding lighting controls. Installers tell us that their clients are really interested in this, and rightly so. Controls can increase the energy savings by up to 80%, and they also enhance the level of comfort and well-being.

To make things simpler for installers, we added our own matching controls for each CoreLine product. Now we can guarantee compatibility, so that the combination of luminaire and control always works.”

# CoreLine

## the complete range

CoreLine  
 .....  
 LED Range  
 .....  
 The complete  
 range  
 .....

The quality and light levels delivered by the CoreLine range enable point-for-point 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.

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



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.

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.



CoreLine  
Downlight



CoreLine  
High-bay



CoreLine  
Surface-mounted



CoreLine  
Trunking



CoreLine  
Batten



CoreLine  
Panel



CoreLine  
Waterproof



CoreLine  
Tempo



CoreLine  
Integrated Spot



CoreLine  
Wall-mounted



Mini Pentura



CoreLine  
Recessed



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.

# CoreLine Downlight



Up to  
**75%**  
energy savings



CFL EM



CoreLine Downlight



<b>Wattage Mini</b>	54 W	11 W
<b>Wattage Compact</b>	66 W	22 W
<b>Lifetime</b>	10,000 hrs	50,000 hrs

**Savings over life\***  
1100 lm

£222

2100 lm

£244

### Benefits

- Substantial energy savings and longer lifetime reduce operational cost
- One-for-one replacement from conventional luminaires to LED luminaires
- Covers more professional applications due to DALI dimming and aluminium reflector

### Application

General lighting in corridors / Retail stores / Reception areas / Indoor circulation areas

CoreLine  
.....  
LED Range  
.....  
Product  
overview  
.....

# CoreLine Recessed



Up to  
**45%**  
energy savings



TL-D / TL-5



CoreLine Recessed



<b>Wattage</b>	63 W 72 W	40.5 W 40.5 W
<b>Lifetime</b>	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

**Savings over life\***

£171

### Benefits

- General lighting - replacing conventional TL-D & TL-5
- 3.3 x longer lifetime
- Slim design & <35 mm height
- Office compliant optic available - VAR-PC version

### Application

General lighting

# CoreLine Panel



Up to  
**40%**  
energy savings



TL-D / TL-5



CoreLine Panel



<b>Wattage</b>	63 W 72 W	41 W 41 W
<b>Lifetime</b>	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

**Savings over life\***

£168

### Benefits

- General lighting - replacing conventional TL-D & TL-5
- 3.3 x longer lifetime
- Efficacy (lm/w) 83 lm/w
- Warranty: 3 year
- Easy connection

### Application

General lighting

## Mini Pentura



Up to  
**40%**  
energy savings



T5



Mini Pentura



<b>Wattage</b>	14 W	7 W
<b>Lifetime</b>	19,000 hrs	50,000 hrs

Savings over life\*

£66

### 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

CoreLine  
.....  
LED Range  
.....  
**Product overview**  
.....

## CoreLine Integrated Spot



Up to  
**95%**  
energy savings



Halogen



CoreLine Integrated Spot



<b>Wattage</b>	54 W	10 W
<b>Lifetime</b>	2,000 hrs	40,000 hours

Savings over life\*

£330

### Benefits

- IP65 Fire-rated LED Spot
- Interchange bezels:
- White Matt, White, Polished Chrome, Satin Nickel finishes
- Quick Connect wiring function
- Special reflector to replicate Halogen look
- Dimmable as standard
- Insulation cover supplied as standard – allows downlights to be IC rated
- Driverless Technology

### Application

Circulation areas / Kitchens / Bathrooms

## CoreLine Surface-mounted



Up to  
**45%**  
energy savings



TL-D / TL-5



CoreLine Surface-mounted



<b>Wattage</b>	63 W 72 W	40.5 W 40.5 W
<b>Lifetime</b>	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

Savings over life\*

£171

### Benefits

- General lighting - replacing conventional TL-D & TL-5
- 3.3 x longer lifetime
- Slim design & <40 mm height
- Suspension set available for suspended applications

### Application

General lighting

## CoreLine Wall-mounted



Up to  
**55%**  
energy savings



Electronic PL-C



CoreLine  
Wall-mounted



	Electronic PL-C	CoreLine Wall-mounted
<b>Wattage</b>	1 x 18 W 2 x 18 W 2 x 26 W	8 W 18 W 24 W
<b>Lifetime</b>	10,000 hrs	50,000 hrs

**Savings over life\***

LED12S

£131

LED16S

£177

### Benefits

- General lighting - replacing traditional wall-mounted luminaires
- 5 x longer lifetime
- IP65 & IK10 with built-in controls
- Dimmable

### Application

Corridors / Staircases / Public entrance areas / Bathrooms / Emergency exits / Car parks / Outdoor safety lighting

CoreLine

LED Range

Product overview

## CoreLine Batten



Up to  
**40%**  
energy savings



TL-D



CoreLine Batten



	TL-D	CoreLine Batten
<b>Wattage</b>	2 x 18 W 2 x 36 W	20 W 40 W
<b>Lifetime</b>	15,000 hrs	50,000 hrs

**Savings over life\***

LED19S

£96

LED38S

£166

### Benefits

- General lighting - replacing conventional TL-D
- 3.3 x longer lifetime
- Installation flexibility & lengths same as TL-D
- Excellent performance & light quality with frosted diffuser

### Application

General lighting / Assembly lines / Cove lighting

## CoreLine Waterproof



Up to  
**50%**  
energy savings



TL-D



CoreLine Waterproof



	TL-D	CoreLine Waterproof
<b>Wattage</b>	2 x 18 W 1 x 36 W 2 x 36 W 1 x 58 W 2 x 58 W	17 W 20 W 38 W 29 W 57 W
<b>Lifetime</b>	15,000 hrs	50,000 hrs

**Savings over life\***

LED40S

£175

LED60S

£285

### Benefits

- Industrial lighting - replacing conventional TL-D & TL-5
- 3.3 x longer lifetime
- Installation flexibility and lengths same as TL-D
- Excellent performance & sleek design
- IP65 & IK08 rated

### Application

Car parks / Warehouses / General lighting



## CoreLine High-bay



Up to  
**66%**  
energy savings



## CoreLine Trunking



Up to  
**55%**  
energy savings



## CoreLine Tempo



Up to  
**50%**  
energy savings



HPI



CoreLine High-bay



<b>Wattage</b>	250 W 400 W	85 W 155 W
----------------	----------------	---------------

<b>Lifetime</b>	10,000 hrs	50,000 hrs
-----------------	------------	------------

Savings over life\*

£1111

### Benefits

- Industrial lighting - point-for-point replacement of 250 W & 400 W conventional HPI high-bays
- 5 x longer lifetime
- Reduced maintenance
- Excellent performance & light quality - CRI ≥ 80

### Application

Warehouses / Industry / Exhibition halls / Supermarkets

CoreLine  
.....  
LED Range  
.....  
Product  
overview  
.....

TL-D EM



CoreLine Trunking



<b>Wattage</b>	133 W	62 W (1.7 m)
----------------	-------	--------------

<b>Lifetime</b>	15,000 hrs	70,000 hrs
-----------------	------------	------------

Savings over life\*

£480

### Benefits

- Replacement for conventional TL-D & TL-5
- 3.6 x longer lifetime
- Reduced maintenance & best lumens per £ solution
- Excellent beam shapes & sparkle for product enhancement

### Application

Supermarkets / Warehouses / Assembly areas

HID



CoreLine Tempo



<b>Wattage</b>	70 W 150 W 250 W	40 W 80 W 120 W
----------------	------------------------	-----------------------

<b>Lifetime</b>	20,000 hrs	50,000 hrs
-----------------	------------	------------

Savings over life\*

£666

### Benefits

- Point-to-point replacement from 70 W to 250 W conventional floodlight
- More light control. Light where is needed
- Instant light, long lifetime
- Reliable Quality: Die-casting aluminium housing guarantees robustness, vibration-proof, wind force protection

### Application

General outdoor / Area lighting / Industrial Areas / Billboards / Car parks / Building facades

# Overview controls

## Presence Detector LRM1000



### Benefits

- **Up to 30% additional energy savings**
- Increased lifespan of installation - turns off lighting when not required
- Detects subtle movement
- Surface mounted sensor installation

## Presence Detector LRM1011



### Benefits

- **Up to 30% additional energy savings**
- Small, unobtrusive sensor - detects subtle movement
- Increased lifespan of installation - turns off lighting when not required

## Movement Detector LRM1032



### Benefits

- **Up to 50% additional energy savings**
- Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation - turns off lighting when not required

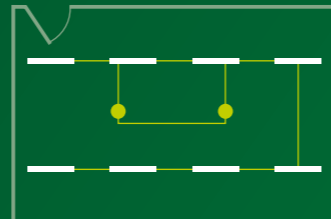
## Movement Detector LRM1040



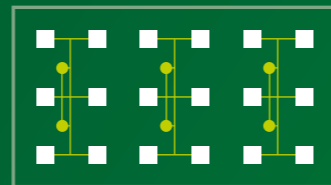
### Benefits

- **Up to 70% additional energy savings**
- 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

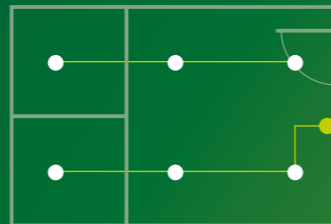
### Classroom example



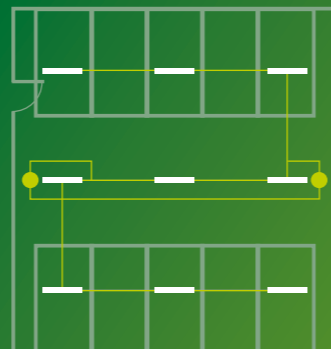
### Open plan office example



### Restroom example



### Small car park example



— Luminaire ● Detector — Mains to luminaire

# Calculate total cost of ownership in 5 steps

CoreLine  
.....  
LED Range  
.....  
TCO  
.....

- 1 Start the online TCO calculator go to: [www.philips.co.uk/coreline](http://www.philips.co.uk/coreline)
- 2 Determine which conventional product is used in the installation
- 3 Determine key usage data
- 4 Type in the average price
- 5 The online tool automatically calculates the TCO

Many clients renew their lighting installation for the great energy savings LED offers. But there's more: LEDs have a much longer lifetime and lower maintenance costs. All of these factors together determine the Total Cost of Ownership (TCO) - a very useful selling point that shows the long-term savings LED brings. With these five simple steps, you can instantly show your clients their TCO savings!



“ The light quality is much better and the improved colour rendering has enhanced the décor of the spaces”

Andy Ellis  
Head of Electrical



## Philips CoreLine enriches library's learning environment

**Installation of Philips CoreLine LED luminaires in the library at Millfield School in Somerset will deliver nearly £70,000 worth of energy savings over a 10 year period, while reducing the school's carbon dioxide emissions by over 39 tonnes per annum.**

Millfield School was founded in 1935 and, along with its preparatory school, has some 1700 pupils and over 600 employees. The library was built in the late 1970s and the original lighting comprised surface-mounted T12 fluorescent luminaires sunk in concrete 'pots' with pine louvres.

The school's Head of Electrical, Andy Ellis, recalled: "The lighting quality wasn't as good as we would have liked, with low light levels in some areas of the library, and the wooden slats in the ceiling gave the light a yellowy tinge. In addition, the system was not energy-efficient and had high maintenance requirements. It was also becoming increasingly difficult and expensive to source replacement lamps."

While there had been a desire to replace the lighting for some time, the complexity of the existing ceiling arrangement meant this would not be a standard luminaire replacement project. Having considered a number of options, the school adopted a proposal put forward by electrical wholesaler Electric Center and Philips Lighting.

"One of the key problems was that simply removing the existing luminaires and louvres would leave gaps in the ceiling," explained Chris Plant from Electric Center's Taunton branch. "The proposed solution involved having the school's estates department construct a ceiling that the CoreLine luminaires could be recessed into.

"We therefore sent a number of CoreLine fittings to the school so that the estates staff could work with them in designing the ceiling, while also testing the performance of the luminaires. The ceiling space was restricted but sufficient to accommodate the low profile CoreLine design," he added.

The initial trial proved very successful and the 123 fluorescent fittings in the library have now been replaced with seventy 300mm x 1200mm CoreLine LED luminaires. Light level readings before and after the upgrade show that light levels have improved considerably. For example, illuminance levels on the middle floor computer area have increased from 124 lux to 724 lux, with similar results on the lower floor. The installed electrical load has been reduced from over 27kW to just 2.94kW.

"Given that the lighting is on for at least 12 hours a day, we will also save a considerable amount of energy – around 700,000kWh over the next 10 years. Maintenance costs will also be reduced and the fact that our estates department was able to carry out the work reduced the installation costs considerably, giving us an even faster return on investment," he concluded.

# Application bundles

With the introduction of LED technology, lighting has entered the 21<sup>st</sup> century. Compared to conventional products, LED lamps and luminaires offer much lower energy consumption and a much longer lifetime. Also, as a digital light source, LED luminaires offer many new possibilities in terms of intelligent lighting.

## Getting the combination right

To help installers make the most of the technical and commercial potential of LED, Philips has created special virtual packages called 'Application bundles'. These bundles are based on real-life applications that will benefit from having the right combination of LED luminaires, or of luminaires and controls. As most elements are part of the popular CoreLine range, compatibility is guaranteed, and installation is hassle-free.

## Office

CoreLine VAR-PC Recessed LED34S  
 & Presence detector LRM1011



## Corridor

CoreLine Downlight LED20S  
 & Presence detector LRM1011



## Industry

CoreLine Waterproof LED60S  
 & Movement detector LRM1040



## Small car park

CoreLine Waterproof LED40S  
 & Movement detector LRM1040



## Small storage

CoreLine Batten LED38S  
 & Movement detector LRM1032















## Classroom

CoreLine Surface-mounted LED34S VAR-PC  
 & Presence detector LRM1000



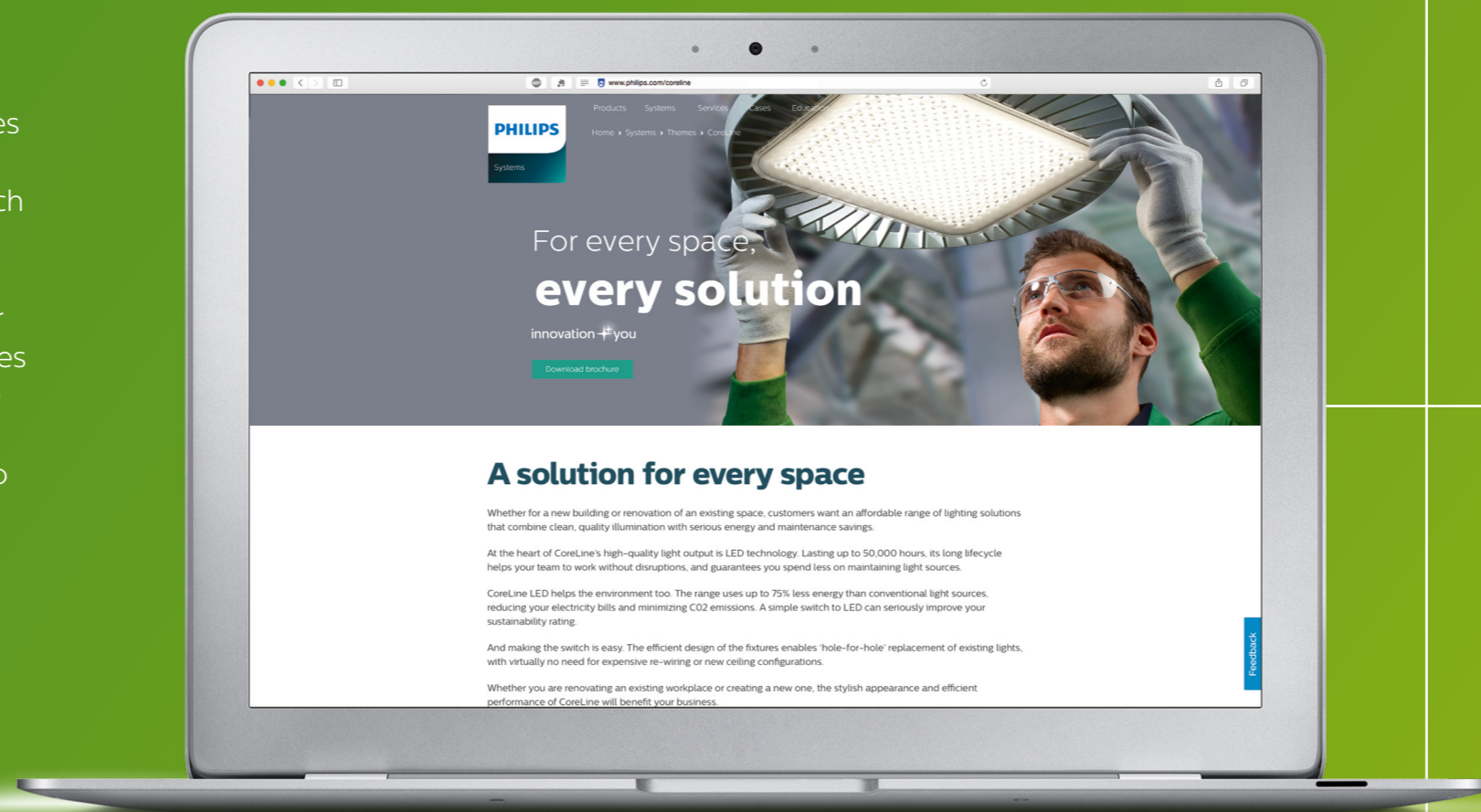
# Overview products

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Colour Temp.	CRI	Product description	EOC code
<b>Downlight</b> 	11 W	50,000 hrs	80%	1100 lm	3000 K	≥ 80	DN130B LED10S/830 PSU P16 WH	85222400
	11 W	50,000 hrs	80%	1100 lm	4000 K	≥ 80	DN130B LED10S/840 PSU P16 WH	85269900
	22 W	50,000 hrs	75%	2100 lm	3000 K	≥ 80	DN130B LED20S/830 PSU P16 WH	85224800
	22 W	50,000 hrs	75%	2100 lm	4000 K	≥ 80	DN130B LED20S/840 PSU P16 WH	85271200
	11 W	50,000 hrs	80%	1100 lm	3000 K	≥ 80	DN131B LED10S/830 PSU P16 ALU	85226200
	11 W	50,000 hrs	80%	1100 lm	4000 K	≥ 80	DN131B LED10S/840 PSU P16 ALU	85273600
	22 W	50,000 hrs	75%	2100 lm	3000 K	≥ 80	DN131B LED20S/830 PSU P16 ALU	85228600
	22 W	50,000 hrs	75%	2100 lm	4000 K	≥ 80	DN131B LED20S/840 PSU P16 ALU	85275000
<b>Recessed</b> 	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W60L60	89755199
	24.5 W	50,000 hrs	55%	2700 lm	4000 K	≥ 80	RC120B LED27S/840 PSU W60L60	89756899
	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W30L120	89757599
	24.5 W	50,000 hrs	55%	2700 lm	4000 K	≥ 80	RC120B LED27S/840 PSU W30L120	89758299
<b>Panel</b> 	41 W	50,000 hrs	40%	3400 lm	4000 K	≥ 80	RC125B LED34S/840 PSU W60L60	06731400
	41 W	50,000 hrs	40%	3400 lm	3000 K	≥ 80	RC125B LED34S/830 PSU W60L60	06732100
<b>Mini Pentura</b> 	14W	50,000 hrs	60%	1100 lm	4000 K	≥ 80	BN130C LED10S/840 PSU L1185	29647099
	14W	50,000 hrs	60%	1000 lm	3000 K	≥ 80	BN130C LED10S/830 PSU L1185	29648799
	11W	50,000 hrs	60%	800 lm	4000 K	≥ 80	BN130C LED8S/840 PSU L885	29649499
	11W	50,000 hrs	60%	800 lm	3000 K	≥ 80	BN130C LED8S/830 PSU L885	29650099
	7W	50,000 hrs	67%	600 lm	4000 K	≥ 80	BN130C LED6S/840 PSU L585	29651799
	7W	50,000 hrs	67%	500 lm	3000 K	≥ 80	BN130C LED5S/830 PSU L585	29652499
	4W	50,000 hrs	71%	300 lm	4000 K	≥ 80	BN130C LED3S/840 PSU L325	29653199
	4W	50,000 hrs	71%	300 lm	3000 K	≥ 80	BN130C LED3S/830 PSU L325	29654899
<b>CoreLine Integrated Spot</b> 	10W	40,000 hrs	95%	550 lm	3000 K	≥ 80	RS145B 830 PSR 40D WH MW	62391100
	10W	40,000 hrs	95%	550 lm	3000 K	≥ 80	RS145B 830 PSR 40D WH PC	62392800
	10W	40,000 hrs	95%	550 lm	3000 K	≥ 80	RS145B 830 PSR 40D WH SN	62393500
	10W	40,000 hrs	95%	550 lm	3000 K	≥ 80	RS145B 830 PSR 40D WH WH	62394200
	10W	40,000 hrs	95%	480 lm	4000 K	≥ 80	RS145B 840 PSR 40D WH MW	62395900
	10W	40,000 hrs	95%	480 lm	4000 K	≥ 80	RS145B 840 PSR 40D WH PC	62396600
	10W	40,000 hrs	95%	480 lm	4000 K	≥ 80	RS145B 840 PSR 40D WH SN	62397300
	10W	40,000 hrs	95%	480 lm	4000 K	≥ 80	RS145B 840 PSR 40D WH WH	62398000
<b>Surface-mounted</b> 	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W60L60	89759999
	24.5 W	50,000 hrs	55%	2700 lm	4000 K	≥ 80	SM120V LED27S/840 PSU W60L60	89760599
	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W20L120	89761299

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Colour Temp.	CRI	Product description	EOC code	
<b>Wall-mounted</b> 	24 W	50,000 hrs	55%	1600 lm	4000 K	≥ 80	WL120V LED16S/840 PSR WH	06633199	
	18 W	50,000 hrs	50%	1200 lm	4000 K	≥ 80	WL120V LED12S/840 PSR WH	06635599	
	8 W	50,000 hrs	55%	500 lm	4000 K	≥ 80	WL121V LED5S/840 PSR WH	06637999	
	24 W	50,000 hrs	55%	1600 lm	3000 K	≥ 80	WL120V LED16S/830 PSR WH	06639399	
	18 W	50,000 hrs	50%	1200 lm	3000 K	≥ 80	WL120V LED12S/830 PSR WH	06641699	
	8 W	50,000 hrs	55%	500 lm	3000 K	≥ 80	WL121V LED5S/830 PSR WH	06643099	
	24 W	50,000 hrs	55%	1600 lm	4000 K	≥ 80	WL120V LED16S/840 PSR MDU WH	24117200	
	18 W	50,000 hrs	50%	1200 lm	4000 K	≥ 80	WL120V LED12S/840 PSR MDU WH	24105900	
	8 W	50,000 hrs	55%	500 lm	4000 K	≥ 80	WL121V LED5S/840 PSR MDU WH	24290200	
	24 W	50,000 hrs	55%	1600 lm	3000 K	≥ 80	WL120V LED16S/830 PSR MDU WH	24111000	
	18 W	50,000 hrs	50%	1200 lm	3000 K	≥ 80	WL120V LED12S/830 PSR MDU WH	24099100	
	8 W	50,000 hrs	55%	500 lm	3000 K	≥ 80	WL121V LED5S/830 PSR MDU WH	24288900	
	<b>Batten</b> 	40 W	50,000 hrs	40%	3800 lm	4000 K	≥ 80	BN120C LED38S/840 PSU L1200	89957999
		20 W	50,000 hrs	40%	1900 lm	4000 K	≥ 80	BN120C LED19S/840 PSU L600	89955599
40 W		50,000 hrs	40%	3800 lm	4000 K	≥ 80	BN121C LED38S/840 PSU L1200	89958699	
20 W		50,000 hrs	40%	1900 lm	4000 K	≥ 80	BN121C LED19S/840 PSU L600	89956299	
40 W		50,000 hrs	40%	3800 lm	3000 K	≥ 80	BN120C LED38S/830 PSU L1200	89961699	
20 W		50,000 hrs	40%	1900 lm	3000 K	≥ 80	BN120C LED19S/830 PSU L600	89959399	
40 W		50,000 hrs	40%	3800 lm	3000 K	≥ 80	BN121C LED38S/830 PSU L1200	89962399	
20 W		50,000 hrs	40%	1900 lm	3000 K	≥ 80	BN121C LED19S/830 PSU L600	89960999	
<b>Waterproof</b> 	17 W	50,000 hrs	53%	1800 lm	4000 K	≥ 80	WT120C LED18S/840 PSU L600	84045900	
	20 W	50,000 hrs	44%	2200 lm	4000 K	≥ 80	WT120C LED22S/840 PSU L1200	84046600	
	29 W	50,000 hrs	50%	3400 lm	4000 K	≥ 80	WT120C LED34S/840 PSU L1500	84047300	
	38 W	50,000 hrs	47%	4000 lm	4000 K	≥ 80	WT120C LED40S/840 PSU L1200	84048000	
	57 W	50,000 hrs	50%	6000 lm	4000 K	≥ 80	WT120C LED60S/840 PSU L1500	84049700	
<b>High-bay</b> 	155 W	50,000 hrs	61%	20,500 lm	4000 K	≥ 80	BY121P G3 LED205S/840 PSU WB GR	30145700	
	85 W	50,000 hrs	66%	10,500 lm	4000 K	≥ 80	BY120P G3 LED105S/840 PSU WB GR	30144000	
	155 W	50,000 hrs	61%	20,500 lm	4000 K	≥ 80	BY121P G3 LED205S/840 PSD WB GR	30147100	
	85 W	50,000 hrs	66%	10,500 lm	4000 K	≥ 80	BY120P G3 LED105S/840 PSD WB GR	30146400	
	n/a	n/a	n/a	n/a	n/a	n/a	BY121Z G2 MB (Mounting bracket)	29608199	
	n/a	n/a	n/a	n/a	n/a	n/a	BY120Z G2 MB (Mounting bracket)	29607499	
<b>Trunking</b> 	124 W (3.4 m)	70,000 hrs	54%	4000 lm	4000 K	≥ 80	LL120X LED160S/840 PSD WB 7 WH	88143800	
	74 W (3.4 m)	70,000 hrs	51%	to 7000 lm	4000 K	≥ 80	LL120X LED90S/840 PSU DA20 5 WH	88184100	
	62 W (1.7 m)	70,000 hrs	54%	(per 1.5 m)	4000 K	≥ 80	LL121X LED80S/840 PSD WB 7 WH	88142100	
	37 W (1.7 m)	70,000 hrs	51%		4000 K	≥ 80	LL121X LED45S/840 PSU DA20 5 WH	88183400	
<b>Tempo</b> 	120 W	50,000 hrs	52%	13,200 lm	4000 K	≥ 80	BVP120 LED120/NW S	29587900	
	80 W	50,000 hrs	46%	8800 lm	4000 K	≥ 80	BVP120 LED80/NW S	29586200	
	40 W	50,000 hrs	43%	4400 lm	4000 K	≥ 80	BVP120 LED40/NW S	29585500	
	120 W	50,000 hrs	52%	13,200 lm	4000 K	≥ 80	BVP120 LED120/NW A	29590900	
	80 W	50,000 hrs	46%	8800 lm	4000 K	≥ 80	BVP120 LED80/NW A	29589300	
	40 W	50,000 hrs	43%	4400 lm	4000 K	≥ 80	BVP120 LED40/NW A	29588600	

# CoreLine is just the beginning

The Philips CoreLine range is a high-quality series of LED luminaires and sensors that work seamlessly together. But Philips offers you much more – on our website, you'll find a wide choice of free lighting tools that help you make the most of our products. From detailed case studies to helpful installation videos, these services complement our CoreLine products perfectly and help you do your work even better.



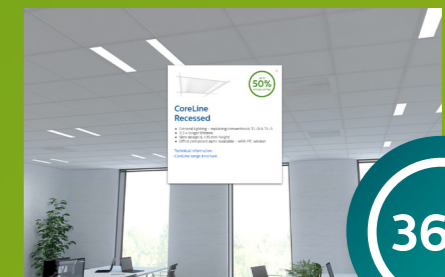
[www.philips.co.uk/coreline](http://www.philips.co.uk/coreline)



CoreLine  
LED Range  
Website

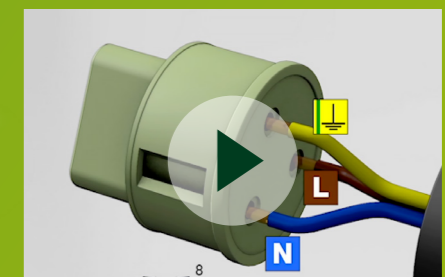
## Case studies

What better way to discover new lighting solutions than to see how the products have been used before? Read up on our case studies and pick up some extra inspiration!



## Showcase

Go on an interactive virtual 360° building tour to see CoreLine in action. Take the full tour to see every space, or choose the product or application you want to see.



## Installation videos

Deploying CoreLine products is a breeze with our specially developed installation videos. Get your step-by-step guide for every product in the range.

