



PHILIPS

CoreLine

LED range



For every
space,
every
solution

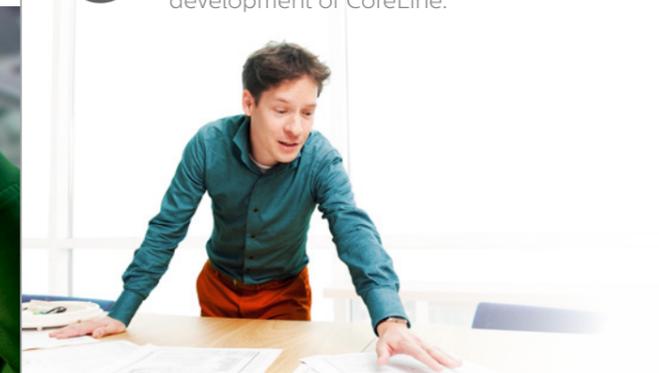
Stylish, energy-saving, affordable
and easy-to-install luminaires



Meet CoreLine: the complete range of LED lighting

4
Introduction

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



The complete range 8
Discover every CoreLine product
available today.

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



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

20 & 24
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.com/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.”

CoreLine
.....
LED range
.....
Tailor made
.....

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
downlight



CoreLine
SlimDownlight



CoreLine
recessed luminaire



CoreLine
panel



CoreLine
recessed spot



CoreLine
projector



CoreLine
surface-mounted luminaire



CoreLine
wall-mounted luminaire



CoreLine
batten



CoreLine
waterproof



CoreLine
high-bay



CoreLine
trunking



CoreLine
tempo

“

Energy-saving, affordable,
and easy-to-install.”

www.philips.com/coreline

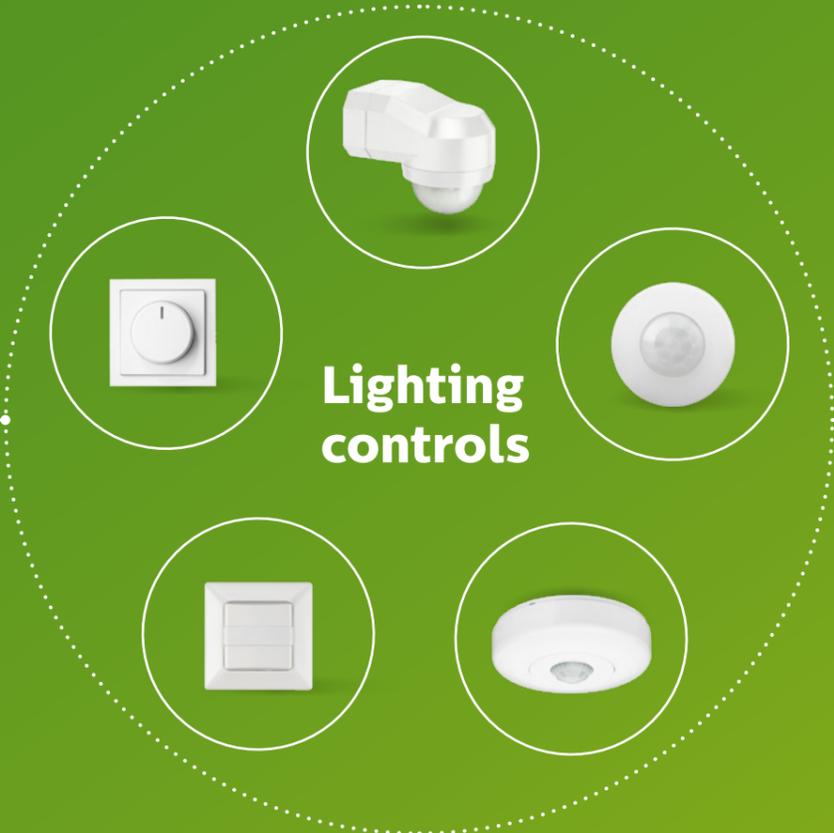
CoreLine

the complete range

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.

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 controls

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.



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



The product label is recognizable with a QR tag.

CoreLine downlight



	CFL EM	CoreLine downlight
Wattage mini	54 W	11 W
Wattage compact	66 W	22 W
Lifetime	10,000 hrs	50,000 hrs
Savings over life*	1100 lm	2100 lm
	€300,-	€330,-

Benefits

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

Application

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

CoreLine SlimDownlight

CoreLine
LED range
Product overview



	CFL EM	CoreLine SlimDownlight
Wattage mini	54 W	13 W
Wattage compact	66 W	28 W
Lifetime	10,000 hrs	50,000 hrs
Savings over life*	1000 lm	2000 lm
	€306,-	€288,-

Benefits

- Energy savings and longer lifetime reduce operating costs
- One-to-one replacement for conventional luminaires
- The natural 'surface of light' effect creates a comfortable, high-end look

Application

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

*Based on European average of 12 cent/kW hours including maintenance and lamp replacement cost.

CoreLine recessed luminaire



Up to **55%** energy savings

TL-D / TL-5 **CoreLine recessed luminaire**



Wattage	63 W	40.5 W non-office compliant
	72 W	40.5 W non-office compliant
	63 W	33 W office compliant
	72 W	33 W office compliant

Lifetime	25,000 hrs	50,000 hrs
	15,000 hrs	50,000 hrs

Savings over life*	
non-office compliant	office compliant
€231,-	€276,-

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

Application
General lighting

CoreLine panel



Up to **43%** energy savings

TL-D / TL-5 **CoreLine panel**



Wattage	63 W	41 W (non-)office compliant
	72 W	41 W (non-)office compliant

Lifetime	25,000 hrs	50,000 hrs
	15,000 hrs	50,000 hrs

Savings over life*	
(non-)office compliant	
€228,-	

- Benefits**
- General lighting - replacing conventional TL-D and TL-5
 - 3.3 x longer lifetime
 - Easy connection
 - Office compliant version available - OC
 - Suspension possible with accessory suspension set

Application
General lighting

CoreLine recessed spot



Up to **80%** energy savings

Halogen / CDM-T Standard **CoreLine recessed spot**



Wattage	54 W	10 W
	30 W	16 W

Lifetime	2,000 hrs	50,000 hrs
	10,000 hrs	50,000 hrs

Savings over life*	
650 lm	
€378,-	

- Benefits**
- High-end materials for decorative applications and special anti-glare optics
 - 80% energy saving and 15 x longer lifetime compared to halogen luminaire
 - Slim design fits most ceiling types, and dimming driver works with 99% of wall-mounted dimmers

Application
Reception areas / Decorative applications / Retail stores / Corridor

CoreLine projector



Up to **80%** energy savings

Halogen / CDM-T Standard **CoreLine projector**



Wattage	54 W	11 W
	46 W	33 W

Lifetime	2,000 hrs	30,000 hrs
	8,000 hrs	30,000 hrs

Savings over life*	
800 lm	2400 lm
€225,-	€76,-

- Benefits**
- Substantial energy savings and longer lifetime reduce operational costs
 - One-to-one replacement from conventional luminaires to LED luminaires
 - Smooth and simple finish blends discreetly into any store interior

Application
Independent Bakery / Independent Butcher / Small Grocery store / Small Fashion shops

CoreLine
LED range
Product overview

CoreLine surface-mounted luminaire



TL-D / TL-5 CoreLine surface-mounted luminaire



Wattage	63 W	40.5 W non-office compliant
	72 W	40.5 W non-office compliant
	63 W	33 W office compliant
	72 W	33 W office compliant

Lifetime	25,000 hrs	50,000 hrs
	15,000 hrs	50,000 hrs

Savings over life*	
non-office compliant	office compliant
€231,-	€276,-

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

Application
General lighting

CoreLine wall-mounted luminaire



Electronic PL-C CoreLine wall-mounted luminaire



Wattage	1 x 18 W	8 W
	2 x 18 W	18 W
	2 x 26 W	24 W

Lifetime	10,000 hrs	50,000 hrs
-----------------	------------	------------

Savings over life*	
LED12S	LED16S
€177,-	€240,-

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

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

CoreLine batten



TL-D CoreLine batten



Wattage	2 x 18 W	20 W
	2 x 36 W	40 W

Lifetime	15,000 hrs	50,000 hrs
-----------------	------------	------------

Savings over life*	
LED20S	LED38S
€130,-	€225,-

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

Application
General lighting / Assembly lines / Cove lighting

CoreLine waterproof luminaire



TL-D CoreLine waterproof



Wattage	2 x 18 W	17 W
	1 x 36 W	20 W
	2 x 36 W	38 W
	1 x 58 W	29 W
	2 x 58 W	57 W

Lifetime	15,000 hrs	50,000 hrs
-----------------	------------	------------

Savings over life*	
LED40S	LED60S
€237,-	€385,-

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

Application
Parking garages / Warehouses / General lighting

CoreLine
LED range
Product overview

CoreLine high-bay



Up to
69%
energy savings



HPI



CoreLine high-bay



Wattage
250 W
400 W

85 W
155 W

Lifetime 10,000 hrs 50,000 hrs

Savings over life*

€1800,-

Benefits

- Industrial lighting - point-for-point replacement of 250 W and 400 W conventional HPI high-bays
- 5 x longer lifetime
- Reduced maintenance
- Excellent performance and light quality - CRI ≥ 80
- Easy to install due to hook mounting and external IP65 connector

Application

Warehouses / Industry / Major halls / Supermarkets

CoreLine trunking



Up to
62%
energy savings



TL-D EM



CoreLine trunking



Wattage 133 W 58 W (1.7 m)

Lifetime 15,000 hrs 70,000 hrs

Savings over life*

€723,-

Benefits

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

Application

Supermarkets / Warehouses / Assembly areas

CoreLine tempo



Up to
60%
energy savings



HID



CoreLine tempo



Wattage
70 W
150 W
250 W

40 W
80 W
120 W

Lifetime 20,000 hrs 50,000 hrs

Savings over life*

€900,-

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 / Parking lots / Building facades

CoreLine
LED range
Product overview

Choose your size

From September 2016 onwards you will be able to select the most suitable CoreLine tempo floodlight for a wide range of application areas such as recreational sport facilities, building facades, billboards, landscape, security and amenity lighting.

The tempo range comes with both high performance asymmetrical and symmetrical optics (LOR > 0,89) and allows for easy installation thanks to a U-shaped universal mounting bracket and an external quick 3 poles IP65 connector.



new

CoreLine tempo small

An upgrade for the conventional 70W HID
4.2 klm (system flux)

CoreLine tempo

An upgrade for the conventional 150W HID

8 and 12 klm (system flux)



new

CoreLine tempo large

An upgrade for the conventional HID up to 400 HPI-T
16, 21 and 26 klm (system flux)

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

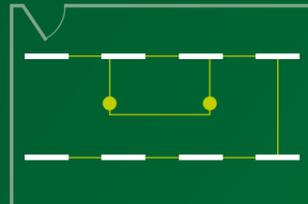
Movement Detector LRM1040



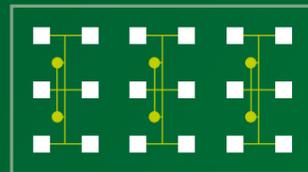
Benefits

- **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

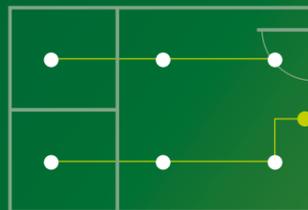
Classroom example



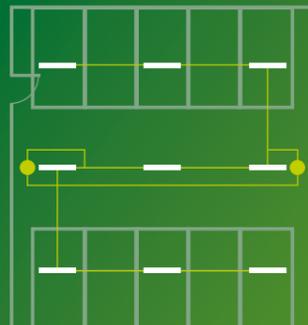
Open plan office example



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.com/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!





“Excellent performance in challenging conditions.”

VEGATECH.nl B.V. is a technical-services company in the Netherlands that designs and implements tailor-made installations. When Heeren Fruit & Vegetables asked to take on the lighting infrastructure for its new premises, VEGATECH.nl B.V. was faced with a challenge, they knew exactly how to handle.

Marijn Verbruggen, owner of Vegatech B.V.: “An industrial company like Heeren Fruit & Vegetables has very specific demands for its lighting equipment. The production takes place in cold spaces and high cleanliness standards are the norm. Looking into Philips LED lighting, the CoreLine waterproof performs excellently in cold environments. It’s robust design can withstand the challenging conditions

and reduces the risk of contamination to operations. Also, hygiene is extremely important, which is solved with the IP65 (dust and moisture) and IK08 (impact) rating. Marijn Verbruggen: “The long lifetime of LED reduces the maintenance, which means less disruption to the operations. The energy savings of up to 50% are great for the business of my customer.”

Project
Heeren Fruit & Vegetables
.....
Location
Eindhoven,
The Netherlands
.....
CEO
Marijn Verbruggen
.....
Philips lighting solution
CoreLine waterproof

Application bundles

With the introduction of LED technology, lighting has entered the 21st 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 luminaire LED34S and Presence detector LRM1011



Corridor

CoreLine downlight LED20S and Presence detector LRM1011



Industry

CoreLine waterproof LED60S and Movement detector LRM1040



Small car park

CoreLine waterproof LED40S and Movement detector LRM1040



Small storage

CoreLine batten LED38S and Movement detector LRM1032



Butcher

CoreLine downlight LED20S and GreenSpace Accent Fresh Food Meat*



Bakery

CoreLine downlight LED20S and EcoStyle Champagne**



Classroom

CoreLine surface-mounted luminaire LED34S VAR-PC and Presence detector LRM1000



Restroom

CoreLine recessed spot and Movement detector LRM1032



Small Retail

CoreLine recessed spot and CoreLine projector



* Instead of the GreenSpace Accent Fresh Food Meat, you can also use a track-mounted option: the EcoStyle Fresh Food Meat projector - EOC order code: 85340500 (white) or 85339900 (black). This alternative also enhances the redness in the meat display. Lighting design will differ slightly if alternative products are used.

** Instead of the EcoStyle Champagne, you can also use a recessed accent option: the GreenSpace Accent Champagne - EOC order code: 26322800 (white). This alternative also enhances the colors and textures of the different breads on display. Lighting design will differ slightly if alternative products are used.

“
A safe and
sustainable
place.”

The Sparkasse Am Brill savings bank in Bremen, Germany is a dynamic hub of banking activities, with many visitors coming and going every day. The bank decided to equip its parking facilities with all-new lights - with two important objectives: energy savings and creating a safe, pleasant environment. An interview with bank manager **Mr Bolte**.



Project

Sparkasse Am Brill

Location

Bremen, Germany

CEO

Mr Bolte

Philips lighting solution

CoreLine waterproof

CoreLine

LED range

Case study

37%

Energy saving versus
their old conventional
lighting

Why did the car park need new lighting?

“Automotive transport is one of the engines that powers the economy. We understand that to do business, people need to travel to different places. They need to be able to park their car in a convenient and safe way. And for all our clients and relations, our office is one of the places they go to. So for us, it was all about how the car park fits into the bank’s overall presence.”

What prompted you to make the switch to energy-efficient lighting?

“We are a savings bank. We are in the business of spending and investing our clients’ money in the most responsible way. Switching to low-energy lights was a way to cut costs, but also to move towards a more sustainable mode of operation.”

So it was about more than saving money?

“Most definitely. It’s also about how we do business. Sparkasse am Brill provides complex financial services, so transparency is important.

We want to be an open, accessible and secure partner for its clients. And we realized that our car park needed to meet those same requirements. It is, after all, one of the gateways into the bank.”

How did you balance these two objectives?

“We did not want the move to energy-efficient lighting to diminish the quality of the parking experience. Philips understood that what the bank needed was an upgrade to luminaires that would minimize maintenance costs, be extremely reliable (even under humid conditions), and offer excellent value for money. They managed to do all that and also improve the lighting quality. That made the investment extra worthwhile.”

Why did you choose the Philips CoreLine LED waterproof range?

“It’s just good business sense. These products offered us the energy savings we needed at a very affordable price. And the lights in the car park are on 24/7, so the low

energy consumption quickly added up to major cost savings. And with motion detectors, we can even dim the lights whenever the car park is not being used. It was our goal to uphold the level of lighting we had. The new luminaires have delivered that, and more: they provide a beautifully natural, white light.”

What difference has it made?

“In many ways, the car park feels brand new! The lighting now truly fills up the space, making it more open and agreeable. So the initial impetus for this operation was to cut costs, but we have also seen that light can truly redefine the character of an environment. It’s a win-win situation, which is something every banker likes!”

Overview products

CoreLine

 LED range

Overview products

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
CoreLine downlight 	11 W	50,000 hrs	80%	1100 lm	3000 K	≥ 80	DN130B LED10S/830 PSU PI6 WH	85222400
	11 W	50,000 hrs	80%	1100 lm	4000 K	≥ 80	DN130B LED10S/840 PSU PI6 WH	85269900
	22 W	50,000 hrs	75%	2100 lm	3000 K	≥ 80	DN130B LED20S/830 PSU PI6 WH	85224800
	22 W	50,000 hrs	75%	2100 lm	4000 K	≥ 80	DN130B LED20S/840 PSU PI6 WH	85271200
	11 W	50,000 hrs	80%	1100 lm	3000 K	≥ 80	DN131B LED10S/830 PSU PI6 ALU	85226200
	11 W	50,000 hrs	80%	1100 lm	4000 K	≥ 80	DN131B LED10S/840 PSU PI6 ALU	85273600
	22 W	50,000 hrs	75%	2100 lm	3000 K	≥ 80	DN131B LED20S/830 PSU PI6 ALU	85228600
	22 W	50,000 hrs	75%	2100 lm	4000 K	≥ 80	DN131B LED20S/840 PSU PI6 ALU	85275000
CoreLine SlimDownlight 	13 W	50,000 hrs	70%	1000 lm	3000 K	≥ 80	DN135B LED10S/830 PSU II WH	07042099
	13 W	50,000 hrs	70%	1000 lm	4000 K	≥ 80	DN135B LED10S/840 PSU II WH	07043799
	28 W	50,000 hrs	60%	2000 lm	3000 K	≥ 80	DN135B LED20S/830 PSU II WH	07044499
	28 W	50,000 hrs	60%	2000 lm	4000 K	≥ 80	DN135B LED20S/840 PSU II WH	07045199
	13 W	50,000 hrs	70%	1000 lm	3000 K	≥ 80	DN135C LED10S/830 PSU II WH	07046899
	13 W	50,000 hrs	70%	1000 lm	4000 K	≥ 80	DN135C LED10S/840 PSU II WH	07047599
	28 W	50,000 hrs	60%	2000 lm	3000 K	≥ 80	DN135C LED20S/830 PSU II WH	07048299
	28 W	50,000 hrs	60%	2000 lm	4000 K	≥ 80	DN135C LED20S/840 PSU II WH	07049999
CoreLine recessed luminaire 	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W60L60	89755100
	30 W	50,000 hrs	45%	2700 lm	4000 K	≥ 80	RC120B LED27S/840 PSU W60L60	89756800
	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W30L120	89757500
	30 W	50,000 hrs	45%	2700 lm	4000 K	≥ 80	RC120B LED27S/840 PSU W30L120	89758200
CoreLine recessed office compliant 	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W60L60 VAR-PC	34779900
	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W30L120 VAR-PC	34780500
	35 W	50,000 hrs	51%	3700 lm	3000 K	≥ 80	RC120B LED37S/830 PSU W60L60 VAR-PC	34781200
	35 W	50,000 hrs	51%	3700 lm	3000 K	≥ 80	RC120B LED37S/830 PSU W30L120 VAR-PC	34782900
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥ 80	RC120B LED34S/840 PSD W60L60 VAR-PC	26648800
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥ 80	RC120B LED34S/840 PSD W30L120 VAR-PC	26650100
	30 W	50,000 hrs	58%	3400 lm	3000 K	≥ 80	RC120B LED34S/830 PSD W60L60 VAR-PC	26656300
	30 W	50,000 hrs	58%	3400 lm	3000 K	≥ 80	RC120B LED34S/830 PSD W30L120 VAR-PC	26658700
CoreLine panel 	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC125B LED34S/840 PSU W60L60 NOC	07031400
	41 W	50,000 hrs	43%	3400 lm	3000 K	≥ 80	RC125B LED34S/830 PSU W60L60 NOC	07032100
CoreLine panel luminaire office compliant 	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC127V LED34S/840 PSU W60L60 OC	07088800
	41 W	50,000 hrs	43%	3400 lm	3000 K	≥ 80	RC127V LED34S/830 PSU W60L60 OC	07089500
	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC127V LED34S/840 PSU W30L120 OC	07090100
	41 W	50,000 hrs	43%	3400 lm	3000 K	≥ 80	RC127V LED34S/830 PSU W30L120 OC	07091800
	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC127V LED34S/840 PSD W60L60 OC	07092500
	41 W	50,000 hrs	43%	3400 lm	3000 K	≥ 80	RC127V LED34S/830 PSD W60L60 OC	07093200
	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC127V LED34S/840 PSD W30L120 OC	07094900
	41 W	50,000 hrs	43%	3400 lm	3000 K	≥ 80	RC127V LED34S/830 PSD W30L120 OC	07095600
	-	-	-	-	-	-	RC127Z SME-2 WH	07098700
	-	-	-	-	-	-	RC127Z SME-4 WH	07099400
CoreLine recessed spot 	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS140B LED6-32-/827 PSR PI6 WH	06897799
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-32-/830 PSR PI6 WH	06898499
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-32-/840 PSR PI6 WH	06899199
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS140B LED6-32-/827 PSR PI6 ALU	06900499
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-32-/830 PSR PI6 ALU	06901199
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-32-/840 PSR PI6 ALU	06902899
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS141B LED6-32-/827 PSR PI6 WH	06903599
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR PI6 WH	06904299
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS141B LED6-32-/840 PSR PI6 WH	06905999
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS141B LED6-32-/827 PSR PI6 ALU	06906699

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
CoreLine recessed spot 	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR PI6 ALU	06907399
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS141B LED6-32-/840 PSR PI6 ALU	06908099
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-60-/830 PSR PI6 WH	07125099
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-60-/840 PSR PI6 WH	07126799
	16 W	50,000 hrs	60%	1200 lm	3000 K	≥ 85	RS141B LED12-32-/830 PSR PI6 WH	07127499
	16 W	50,000 hrs	60%	1200 lm	4000 K	≥ 85	RS141B LED12-32-/840 PSR PI6 WH	07128199
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥ 80	RS141B LED7-32-/830 PSR PI6 WH DT	07129899
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥ 80	RS141B LED7-32-/830 PSR PI6 ALU DT	07139799
CoreLine projector 	11 W	30,000 hrs	80%	800 lm	3000 K	≥ 80	ST120T LED8S-24-/830 PSU BK	06942499
	11 W	30,000 hrs	80%	800 lm	4000 K	≥ 80	ST120T LED8S-24-/840 PSU BK	06943199
	11 W	30,000 hrs	80%	800 lm	3000 K	≥ 80	ST120C LED8S-24-/830 PSU BK	06944899
	11 W	30,000 hrs	80%	800 lm	4000 K	≥ 80	ST120C LED8S-24-/840 PSU BK	06945599
	33 W	30,000 hrs	30%	2400 lm	3000 K	≥ 80	ST120T LED24S-24-/830 PSU BK	06946299
	33 W	30,000 hrs	30%	2400 lm	4000 K	≥ 80	ST120T LED24S-24-/840 PSU BK	06947999
	33 W	30,000 hrs	30%	2400 lm	3000 K	≥ 80	ST120C LED24S-24-/830 PSU BK	06948699
	33 W	30,000 hrs	30%	2400 lm	4000 K	≥ 80	ST120C LED24S-24-/840 PSU BK	06949399
CoreLine surface-mounted luminaire 	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W60L60	89759900
	30 W	50,000 hrs	45%	2700 lm	4000 K	≥ 80	SM120V LED27S/840 PSU W60L60	89760500
	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W20L120	89761200
	30 W	50,000 hrs	45%	2700 lm	4000 K	≥ 80	SM120V LED27S/840 PSU W20L120	89762900
CoreLine surface-mounted luminaire office compliant 	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W60L60 VAR-PC	34784300
	35 W	50,000 hrs	51%	3700 lm	3000 K	≥ 80	SM120V LED37S/830 PSU W60L60 VAR-PC	34786700
	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W20L120 VAR-PC	34785000
	35 W	50,000 hrs	51%	3700 lm	3000 K	≥ 80	SM120V LED37S/830 PSU W20L120 VAR-PC	34787400
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥ 80	SM120V LED34S/840 PSD W60L60 VAR-PC	26652500
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥ 80	SM120V LED34S/840 PSD W30L120 VAR-PC	26655000
	30 W	50,000 hrs	58%	3400 lm	3000 K	≥ 80	SM120V LED34S/830 PSD W60L60 VAR-PC	26660000
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥ 80	SM120V LED34S/840 PSD W20L120 VAR-PC	26654900
30 W	50,000 hrs	58%	3400 lm	3000 K	≥ 80	SM120V LED34S/830 PSD W20L120 VAR-PC	26662400	
CoreLine wall-mounted luminaire 	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	
CoreLine batten 	40 W	50,000 hrs	40%	3800 lm	4000 K	≥ 80	BN120C LED38S/840 PSU L1200	30069699
	20 W	50,000 hrs	40%	2000 lm	4000 K	≥ 80	BN120C LED20S/840 PSU L600	30068999
	40 W	50,000 hrs	40%	3500 lm	3000 K	≥ 80	BN120C LED35S/830 PSU L1200	30071999
	20 W	50,000 hrs	40%	2000 lm	3000 K	≥ 80	BN120C LED20S/830 PSU L600	30070299

Overview controls

CoreLine

 LED range

**Overview
 controls**

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
CoreLine waterproof 	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
	17 W	50,000 hrs	53%	1800 lm	4000 K	≥ 80	WT120C LED18S/840 PSD L600	88306800
	20 W	50,000 hrs	44%	2200 lm	4000 K	≥ 80	WT120C LED22S/840 PSD L1200	88307500
	29 W	50,000 hrs	50%	3400 lm	4000 K	≥ 80	WT120C LED34S/840 PSD L1500	88308200
	38 W	50,000 hrs	47%	4000 lm	4000 K	≥ 80	WT120C LED40S/840 PSD L1200	88309900
	57 W	50,000 hrs	50%	6000 lm	4000 K	≥ 80	WT120C LED60S/840 PSD L1500	88310500
CoreLine high-bay 	155 W	50,000 hrs	64%	20,500 lm	4000 K	≥ 80	BY121P G3 LED205S/840 PSU WB GR	30145700
	155 W	50,000 hrs	64%	20,500 lm	4000 K	≥ 80	BY121P G3 LED205S/840 PSD WB GR	30147100
	85 W	50,000 hrs	69%	10,500 lm	4000 K	≥ 80	BY120P G3 LED105S/840 PSU WB GR	30144000
	85 W	50,000 hrs	69%	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 G3 MB	30149500
	n/a	n/a	n/a	n/a	n/a	n/a	BY120Z G3 MB	30148800
CoreLine trunking 	116 W (3.4 m)	70,000 hrs	62%	4000 lm	4000 K	≥ 80	LL120X LED160S/840 PSD WB 7 WH	88143800
	68 W (3.4 m)	70,000 hrs	55%	to 7000 lm	4000 K	≥ 80	LL120X LED90S/840 PSU DA20 5 WH	88184100
	58 W (1.7 m)	70,000 hrs	62%	(per 1.5 m)	4000 K	≥ 80	LL121X LED80S/840 PSD WB 7 WH	88142100
	34 W (1.7 m)	70,000 hrs	55%		4000 K	≥ 80	LL121X LED45S/840 PSU DA20 5 WH	88183400
CoreLine tempo 	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
	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

	Product name	Product type	Product description	EOC code
	LRM1000	Presence Detector	LRM1000/00 OS Mov Det	22557700
	LRM1011	Presence Detector	LRM1011/10 OS Mov Det incl P-Pack CS	44209800
	LRM1032	Movement Detector	LRM1032/00 OS Mov Det Switch 3w WR DIN	44225800
	LRM1040	Movement Detector	LRM1040/00 OS Mov Det IP54 240 dgr	22573700
	UID8670	Dimmer	UID8670/00 LED dimmer	67562400

“Up to 70% additional energy savings when combined with CoreLine Controls.”

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.



CoreLine App

The CoreLine range is expanding, with ever more high-quality LED solutions. For your convenience, you can now find all the order codes in the handy new CoreLine app!



philips.com/coreline



For more information, take the quick route to our website by scanning this QR code.



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 movies

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

