

CoreLine

LED Range

Index

Introduction



Tailor made Read the story behind the development of CoreLine.

The complete range

Discover every CoreLine product available today.



Overview controls

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

20 & 24

Case studies



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

Application bundles



CoreLine website

Go online for a complete CoreLine resource.



Overview products

Get the full specifications for every product in the range.

**Meet CoreLine:** the complete range of LED lighting



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."



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 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.\*\*

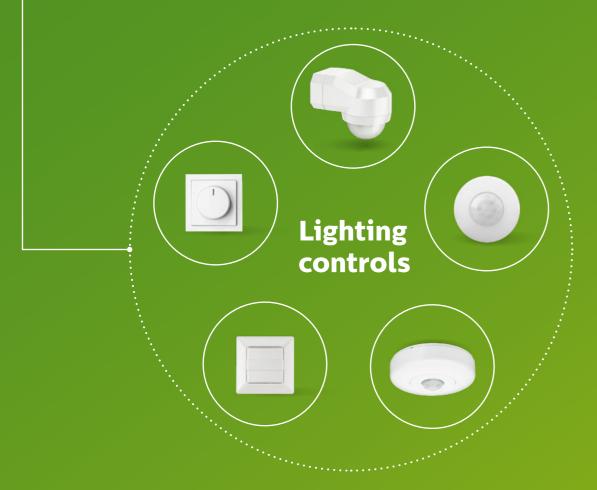
www.philips.com/coreline

## 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 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

#### CoreLine downlight



CFL EM

CoreLine downlight





**Wattage Mini** 11 W 22 W Wattage Compact 66 W

Lifetime 10,000 hrs 50,000 hrs

#### Savings over life\*

2100 lm





#### **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

I FD Range

Product overview



CFL EM

CoreLine SlimDownlight



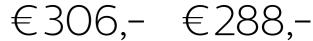


**Wattage Mini** 13 W **Wattage Compact** 66 W 28 W

Lifetime 10,000 hrs 50,000 hrs

#### Savings over life\*

2000 lm





#### **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

#### CoreLine recessed luminaire



TL-D / TL-5 CoreLine recessed luminaire





Wattage	63 W 72 W	40.5 W none-office compliant 40.5 W none-office compliant
	63 W 72 W	33 W office compliant 33 W office compliant

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

Savings over life\*

Savings over life\* office compliant

€231,-

none office compliant

€276,-

#### **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



TL-D / TL-5 CoreLine panel





Wattage	63 W	41 W (none-)office compliant
	72 W	41 W (none-)office compliant

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

#### Savings over life\*



#### **Benefits**

- $\cdot$  General lighting replacing conventional TL-D & 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





CoreLine recessed spot







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

#### Savings over life\*

650 lm



#### **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



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\*

2400 lm





#### Benefits

- · Substantial energy savings and longer lifetime reduce
- 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 surface-mounted luminaire



luminaire

Wattage 72 W 40.5 W none-office compliant 40.5 W none-office compliant 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\*

Savings over life\*
office compliant

€231,-

none office compliant

€276,-

#### **Benefits**

- $\cdot$  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 luminaire



Electronic PL-C

CoreLine wallmounted luminaire



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

Lifetime

Wattage

10,000 hrs

50,000 hrs

#### Savings over life\*

LED12S

LEDI65

€177,-

€240,-

#### **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 / Parking garages / Outdoor safety lighting







CoreLine batten

LED38S

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

**Lifetime** 15,000 hrs 50,000 hrs

#### Savings over life\*

LED2OS

€130,-

€225,-

#### **Benefits**

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

#### Application

General lighting / Assembly lines / Cove lighting



CoreLine ..... LED Range

> Product overview



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,-



#### **Benefits**

- $\cdot$  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**

Parking garages / Warehouses / General lighting

# CoreLine high-bay Up to 69% energy savings lite mer... Procept for hela vectan At the superness to sole Procept for hela vectan At the superness to sole Procept for hela vectan Procept for hela vectan Procept for hela vectan Procept for hela vectan Procept for hela vectan

CoreLine high-bay



**Wattage** 250 W 85 W 400 W 155 W

**Lifetime** 10,000 hrs 50,000 hrs

Savings over life\*



#### **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  $\geq$  80
- Easy to install due to hook mounting & external IP65 connector

#### Application

Warehouses / Industry / Major halls / Supermarkets





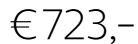
CoreLine trunking





Wattage	133 W	58 W (1.7 m)
Lifetime	15,000 hrs	70,000 hrs

Savings over life\*



#### **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





Wattage 70 W 40 W 150 W 80 W 250 W 120 W

**Lifetime** 20,000 hrs 50,000 hrs

Savings over life\*



CoreLine

tempo

#### **Benefits**

- Point-to-point replacement from 70 W to 250 W conventional floodlight
- · More light control. Light where is needed
- $\cdot \ \text{Instant light, long lifetime} \\$
- 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

## 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.



#### CoreLine **tempo small**

An upgrade for the conventional 70W HID

4.2 klm (system flux)

#### CoreLine **tempo**

An upgrade for the conventiona 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**



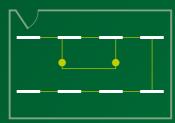
- Up to 30% additional energy savings
- Increased lifespan of installation turns off lighting when not required
- · Detects subtle movement
- · Surface-mounted sensor installation

#### Presence Detector LRM1011

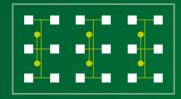


- Up to 30% additional energy savings
- · Small, unobtrusive sensor detects subtle movement
- Increased lifespan of installation turns off lighting when not required

#### Classroom example



#### Open plan office example

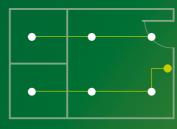


#### **Movement Detector LRM1032**

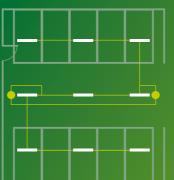


- Up to 50% additional energy savings
- · Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation turns off lighting when not required

#### Restroom example



#### Small car park example



#### **Movement Detector LRM1040**



- 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

## Calculate total cost of ownership in 5 steps

Start the online TCO calculator go to: www.philips.com/coreline

**Determine which** conventional product is used in the installation

their TCO savings!

CoreLine LED Range

Many clients renew their lighting installation

But there's more: LEDs have a much longer

useful selling point that shows the long-term savings LED brings. With these five simple steps, you can instantly show your clients

for the great energy savings LED offers.

lifetime and lower maintenance costs. All of these factors together determine the Total Cost of Ownership (TCO) - a very

**Determine key** usage data



Type in the average price



The online tool automatically calculates the TCO



Luminaire Detector — Mains to luminaire

## Heeren Fruit & Vegetables Location Philips lighting solution

## 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."

### 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 & 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



#### **Butcher**

CoreLine downlight LED20S & GreenSpace Accent Fresh Food Meat\*







CoreLine

I FD Range Application bundles

#### **Bakery**

CoreLine downlight LED20S & EcoStyle Champagne \*\*



#### Classroom

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





#### Restroom

CoreLine recessed spot & Movement detector LRM1032



#### CoreLine recessed spot

**Small Retail** 

& CoreLine projector







22

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.



#### Project

#### Philips lighting solution

37%

Energy saving versus their old conventional lighting

#### Why did the car park need new lighting?

engines that powers the economy. We understand that to do business, 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 to. So for us, it was all about how car park fits into the bank's all presence."

What prompted you to make the itch to energy-efficient lighting? gs bank. We are in the business of spending and investing our clients' money in the most responsible way. Switching to lowenergy lights was a way to cut costs, but also to move towards a more sustainable mode of operation."

#### So it was about more than

efinitely. 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

#### How did you balance these two objectives?

"We did not want the move to energyefficient lighting to diminish the quality of the parking experience. Philips understood that what the bank needed was an upgrade to luminaires fills up the space, making it more 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 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!"

objectives: energy savings and creating a safe, pleasant environment. An interview

with bank manager Mr Bolte.

#### CoreLine

LED Range

Overview products

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
CoreLine	11 W	50,000 hrs	80%	1100 lm	3000 K	≥ 80	DN130B LED10S/830 PSU PI6 WH	85222400
downlight	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 LED2OS/840 PSU PI6 ALU	85275000
CoreLine	13 W	50,000 hrs	70%	1000 lm	3000 K	≥ 80	DN135B LED10S/830 PSU II WH	07042099
SlimDownlight	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	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W60L60	89755100
luminaire	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	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W60L60 VAR-PC	34779900
office compliant	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	RC120B LED37S/840 PSU W30L120 VAR-PC	34780500
1	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	41 W	50,000 hrs	43%	3400 lm	4000 K	≥ 80	RC127V LED34S/840 PSU W60L60 OC	07088800
office compliant	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	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS140B LED6-32-/827 PSR PI6 WH	06897799
recessed spot	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-32-/830 PSR PI6 WH	06898499
(3)	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
		E0 000 brs	80%	650 lm	2700 K	≥ 85	RS141B LED6-32-/827 PSR PI6 WH	06903599
	10 W	50,000 hrs	0070	050 1111	2,0011	_ 03		
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR PI6 WH	
		1						06904299 06905999

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
Coreline	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR PI6 ALU	06907399
recessed spot	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS141B LED6-32-/840 PSR PI6 ALU	0690809
(9)	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-60-/830 PSR PI6 WH	0712509
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-60-/840 PSR PI6 WH	0712679
	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	0712819
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥80	RS141B LED7-32-/830 PSR PI6 WH DT	0712989
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥80	RS141B LED7-32-/830 PSR PI6 ALU DT	0713979
Cavalina nucicatar	11 \A/	30,000 brs	909/		3000 K	. 00	CT120T LED9C 24 /020 DCLLDV	0604240
Coreline projector	11 W	30,000 hrs	80%	800 lm	3000 K	≥80	ST120T LED8S-24-/830 PSU BK	0694249
	11 W	30,000 hrs	80%	800 lm	4000 K	≥80	ST120T LED8S-24-/840 PSU BK	0694319
	11 W	30,000 hrs	80%	800 lm	3000 K	≥80	ST120C LED8S-24-/830 PSU BK	0694489
	11 W	30,000 hrs	80%	800 lm	4000 K	≥80	ST120C LED8S-24-/840 PSU BK	0694559
	33 W	30,000 hrs	30%	2400 lm	3000 K	≥80	ST120T LED24S-24-/830 PSU BK	0694629
	33 W	30,000 hrs	30%	2400 lm	4000 K	≥80	ST120T LED24S-24-/840 PSU BK	0694799
	33 W	30,000 hrs	30%	2400 lm	3000 K	≥80	ST120C LED24S-24-/830 PSU BK	0694869
	33 W	30,000 hrs	30%	2400 lm	4000 K	≥ 80	ST120C LED24S-24-/840 PSU BK	0694939
CoreLine	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥80	SM120V LED37S/840 PSU W60L60	8975990
surface-mounted	30 W	50,000 hrs	45%	2700 lm	4000 K	≥80	SM120V LED27S/840 PSU W60L60	8976050
luminaire	40.5 W	50,000 hrs	45%	3700 lm	4000 K	≥80	SM120V LED37S/840 PSU W20L120	8976120
	30 W	50,000 hrs	45%	2700 lm	4000 K	≥80	SM120V LED27S/840 PSU W20L120	8976290
CoreLine	33 W	50,000 hrs	54%	3700 lm	4000 K	≥ 80	SM120V LED37S/840 PSU W60L60 VAR-PC	3478430
surface-mounted	35 W	50,000 hrs	51%	3700 lm	3000 K	≥80	SM120V LED37S/830 PSU W60L60 VAR-PC	3478670
office compliant	33 W	50,000 hrs	54%	3700 lm	4000 K	≥80	SM120V LED37S/840 PSU W20L120 VAR-PC	3478500
	35 W	50,000 hrs	51%	3700 lm	3000 K	≥80	SM120V LED37S/830 PSU W20L120 VAR-PC	3478740
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥80	SM120V LED34S/840 PSD W60L60 VAR-PC	2665250
	30 W	50,000 hrs	58%	3400 lm	3000 K	≥80	SM120V LED34S/830 PSD W60L60 VAR-PC	2666000
	29 W	50,000 hrs	60%	3400 lm	4000 K	≥80	SM120V LED34S/840 PSD W20L120 VAR-PC	2665490
	30 W	50,000 hrs	58%	3400 lm	3000 K	≥80	SM120V LED34S/830 PSD W20L120 VAR-PC	2666240
CoreLine	24 W	50,000 hrs	55%	1600 lm	4000 K	≥80	WL120V LED16S/840 PSR WH	0663319
wall-mounted	18 W	50,000 hrs	50%	1200 lm	4000 K	≥80	WL120V LED12S/840 PSR WH	0663559
luminaire	8 W	50,000 hrs	55%	500 lm	4000 K	≥80	WL121V LED5S/840 PSR WH	0663799
	24 W	50,000 hrs	55%	1600 lm	3000 K	≥80	WL120V LED16S/830 PSR WH	0663939
	18 W	50,000 hrs	50%	1200 lm	3000 K	≥80	WL120V LED12S/830 PSR WH	0664169
	8 W	50,000 hrs	55%	500 lm	3000 K	≥80	WL121V LED5S/830 PSR WH	0664309
	24 W	50,000 hrs	55%	1600 lm	4000 K	≥80	WL120V LED16S/840 PSR MDU WH	2411720
	18 W	50,000 hrs	50%	1200 lm	4000 K	≥80	WL120V LED12S/840 PSR MDU WH	2410590
	8 W	50,000 hrs	55%	500 lm	4000 K	≥80	WL121V LED5S/840 PSR MDU WH	2429020
	24 W	50,000 hrs	55%	1600 lm	3000 K	≥80	WL120V LED16S/830 PSR MDU WH	2411100
	18 W	50,000 hrs	50%	1200 lm	3000 K	≥80	WL120V LED12S/830 PSR MDU WH	2409910
	8 W	50,000 hrs	55%	500 lm	3000 K	≥80	WL121V LED5S/830 PSR MDU WH	2428890
CoreLine batten	40 W	50,000 hrs	40%	3800 lm	4000 K	≥ 80	BN120C LED38S/840 PSU L1200	3006969
19	20 W	50,000 hrs	40%	2000 lm	4000 K	≥80	BN120C LED20S/840 PSU L600	3006899
	40 W	50,000 hrs	40%	3500 lm	3000 K	≥80	BN120C LED35S/830 PSU L1200	3007199
	20 W	50,000 hrs	40%	2000 lm	3000 K	≥80	BN120C LED20S/830 PSU L600	3007029

### Overview controls

CoreLine ..... LED Range

Overview products

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
CoreLine	17 W	50,000 hrs	53%	1800 lm	4000 K	≥ 80	WT120C LED18S/840 PSU L600	84045900
waterproof	20 W	50,000 hrs	44%	2200 lm	4000 K	≥ 80	WT120C LED22S/840 PSU L1200	84046600
15	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
0	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
In.	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	120 W	50,000 hrs	52%	13,200 lm	4000 K	≥ 80	BVP120 LED120/NW S	29587900
tempo medium	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



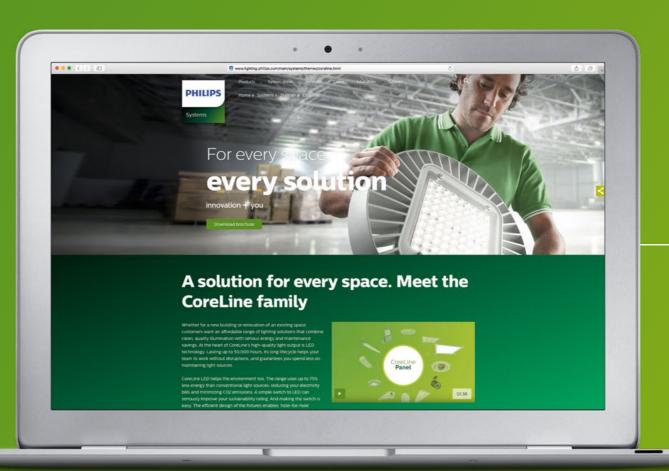
Up to 70% additional energy savings when combined with CoreLine Controls.

28 29

## 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.



#### Case studies

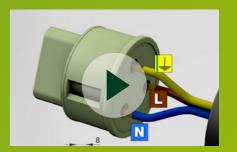
What better way to discover new lighting solutions than to see how the products have been used before? Read up on our case studies and pick up some extra inspiration!

Website



#### **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.

