



**PHILIPS**

*CoreLine*

LED range



For every  
space,  
**every**  
**solution**

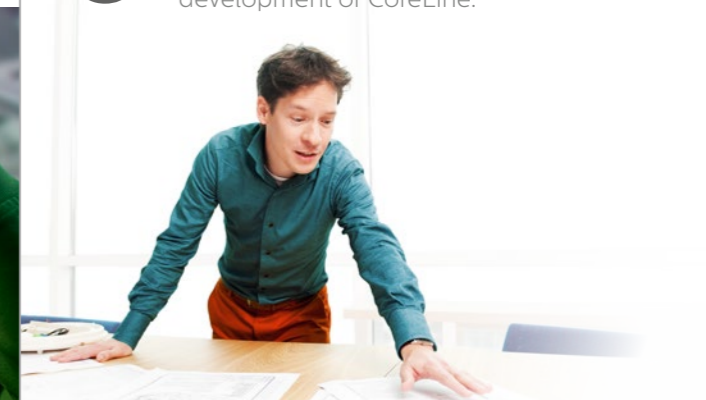
Stylish, energy-saving, affordable  
and easy-to-install luminaires



# Meet CoreLine: the complete range of LED lighting

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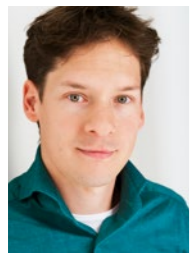
# For every space, **every** solution

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](http://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 family**

“

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

[www.philips.com/coreline](http://www.philips.com/coreline)

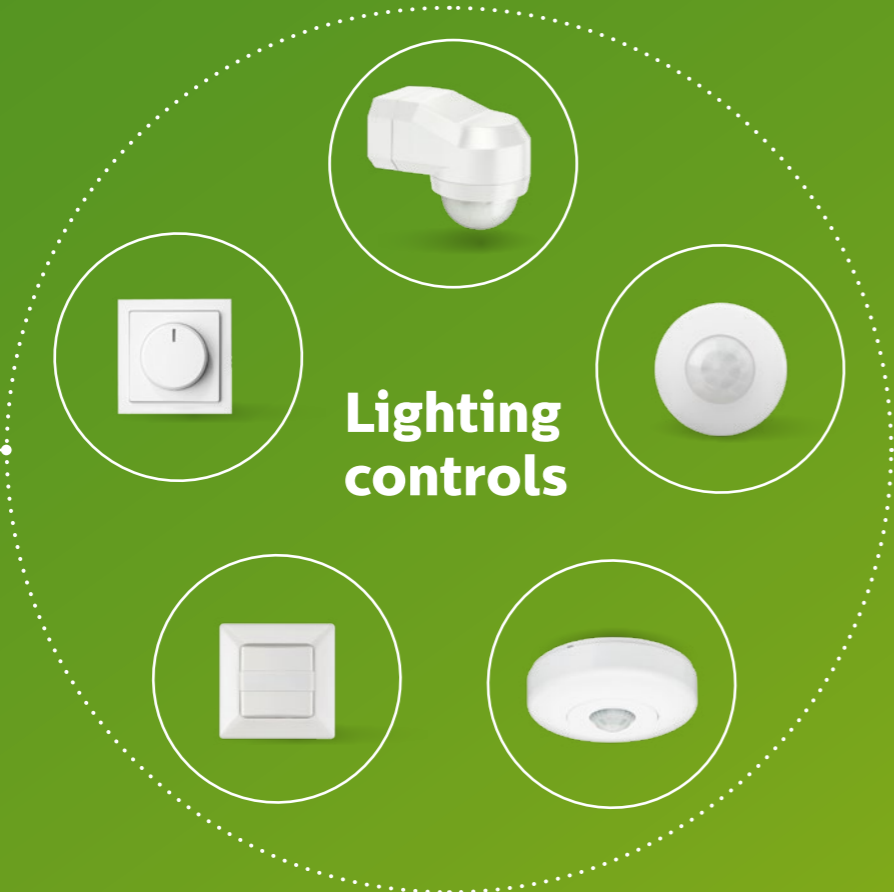
# CoreLine

## 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
<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
-----------------	------------	------------

<b>Savings over life*</b>	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
<b>Wattage mini</b>	54 W	13 W
<b>Wattage compact</b>	66 W	28 W

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

<b>Savings over life*</b>	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**



<b>Wattage</b>	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

<b>Lifetime</b>	25,000 hrs	50,000 hrs
	15,000 hrs	50,000 hrs

<b>Savings over life*</b>	
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**



<b>Wattage</b>	63 W	41 W (non-)office compliant
	72 W	41 W (non-)office compliant

<b>Lifetime</b>	25,000 hrs	50,000 hrs
	15,000 hrs	50,000 hrs

<b>Savings over life*</b>	
(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**



<b>Wattage</b>	54 W	10 W
	30 W	16 W

<b>Lifetime</b>	2,000 hrs	50,000 hrs
	10,000 hrs	50,000 hrs

<b>Savings over life*</b>	
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**



<b>Wattage</b>	54 W	11 W
	46 W	33 W

<b>Lifetime</b>	2,000 hrs	30,000 hrs
	8,000 hrs	30,000 hrs

<b>Savings over life*</b>	
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



<b>Wattage</b>	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

<b>Lifetime</b>	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



<b>Wattage</b>	1 x 18 W	8 W
	2 x 18 W	18 W
	2 x 26 W	24 W

<b>Lifetime</b>	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



<b>Wattage</b>	2 x 18 W	20 W
	2 x 36 W	40 W

<b>Lifetime</b>	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



<b>Wattage</b>	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

<b>Lifetime</b>	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 tempo small



Up to  
**57%**  
energy savings



**Wattage** 70 W 38 W

**Lifetime** 10,000 hrs 70,000 hrs

**Savings over life\***

€400,-

### Benefits

- Point-to-point replacement for 70 W conventional HID floodlight
- High-performance asymmetrical and symmetrical optics
- U-shaped universal mounting bracket and external quick 3-pole IP68 connector
- Reliable quality: Die-casting aluminum housing guarantees robustness, vibration proof, wind force protection

### Application

General outdoor / Billboards / Building facades

## CoreLine tempo large



Up to  
**60%**  
energy savings



**Wattage** 250 W 120 W  
400 W 162 W / 217 W

**Lifetime** 10,000 hrs 70,000 hrs

**Savings over life\***

€2234,-

### Benefits

- Point-to-point replacement for 400 W conventional HPI-TP floodlights
- High-performance asymmetrical and symmetrical optics
- U-shaped universal mounting bracket and external quick 3-pole IP68 connector
- Reliable quality: Die-casting aluminum housing guarantees robustness, vibration-proof, wind force protection

### Application

Area lighting / Industrial areas / Parking lots / Recreational sports / Building facades

## CoreLine tempo large



Up to  
**66%**  
energy savings



**Wattage** 150 W 60 W  
250 W 93 W

**Lifetime** 10,000 hrs 70,000 hrs

**Savings over life\***

€1520,-

### Benefits

- Point-to-point replacement for 150 W and 250 W conventional HID floodlights
- High-performance asymmetrical and symmetrical optics
- U-shaped universal mounting bracket and external quick 3-pole IP68 connector
- Reliable quality: Die-casting aluminum housing guarantees robustness, vibration-proof, wind force protection

### Application

General outdoor / Industrial Areas / Parking lots / Building facades / Security and amenity lighting

## CoreLine high-bay



Up to  
**69%**  
energy savings



**Wattage** 250 W 85 W  
400 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



**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  
.....  
LED range  
.....  
Product  
overview  
.....

# 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

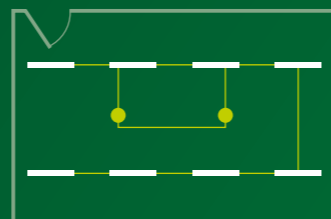
## Movement Detector LRM1040



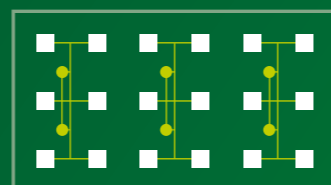
### Benefits

- **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

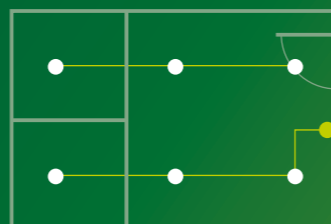
### Classroom example



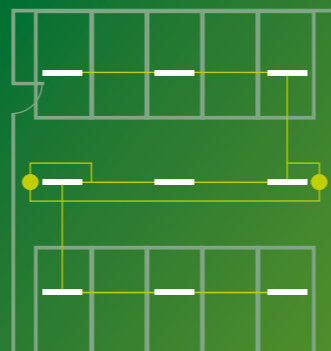
### Open plan office example



### 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](http://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

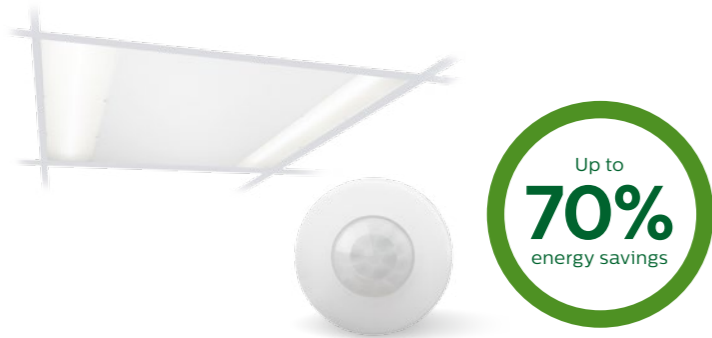
With the introduction of LED technology, lighting has entered the 21<sup>st</sup> century. Compared to conventional products, LED lamps and luminaires offer much lower energy consumption and a much longer lifetime. Also, as a digital light source, LED luminaires offer many new possibilities in terms 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 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  
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 Overview  
 products  
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CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code	
<b>CoreLine 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>CoreLine SlimDownlight</b> 	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	
<b>CoreLine recessed luminaire</b> 	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	
<b>CoreLine recessed office compliant</b> 	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	
<b>CoreLine panel</b> 	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	
<b>CoreLine panel office compliant</b> 	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
<b>CoreLine recessed spot</b> 	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS140B LED6-32-/827 PSR P16 WH	06897799	
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-32-/830 PSR P16 WH	06898499	
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-32-/840 PSR P16 WH	06899199	
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS140B LED6-32-/827 PSR P16 ALU	06900499	
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-32-/830 PSR P16 ALU	06901199	
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-32-/840 PSR P16 ALU	06902899	
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS141B LED6-32-/827 PSR P16 WH	06903599	
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR P16 WH	06904299	
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS141B LED6-32-/840 PSR P16 WH	06905999	
	10 W	50,000 hrs	80%	650 lm	2700 K	≥ 85	RS141B LED6-32-/827 PSR P16 ALU	06906699	

CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code	
<b>CoreLine recessed spot</b> 	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS141B LED6-32-/830 PSR P16 ALU	06907399	
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS141B LED6-32-/840 PSR P16 ALU	06908099	
	10 W	50,000 hrs	80%	650 lm	3000 K	≥ 85	RS140B LED6-60-/830 PSR P16 WH	07125099	
	10 W	50,000 hrs	80%	650 lm	4000 K	≥ 85	RS140B LED6-60-/840 PSR P16 WH	07126799	
	16 W	50,000 hrs	60%	1200 lm	3000 K	≥ 85	RS141B LED12-32-/830 PSR P16 WH	07127499	
	16 W	50,000 hrs	60%	1200 lm	4000 K	≥ 85	RS141B LED12-32-/840 PSR P16 WH	07128199	
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥ 80	RS141B LED7-32-/830 PSR P16 WH DT	07129899	
	16 W	50,000 hrs	70%	700 lm	2000-3000 K	≥ 80	RS141B LED7-32-/830 PSR P16 ALU DT	07139799	
	<b>CoreLine projector</b> 	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	
<b>CoreLine surface-mounted luminaire</b> 	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	
<b>CoreLine surface-mounted luminaire office compliant</b> 	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	
	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	
<b>CoreLine wall-mounted luminaire</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	
<b>CoreLine batten</b> 	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  
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 LED range  
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**Overview  
 controls**  
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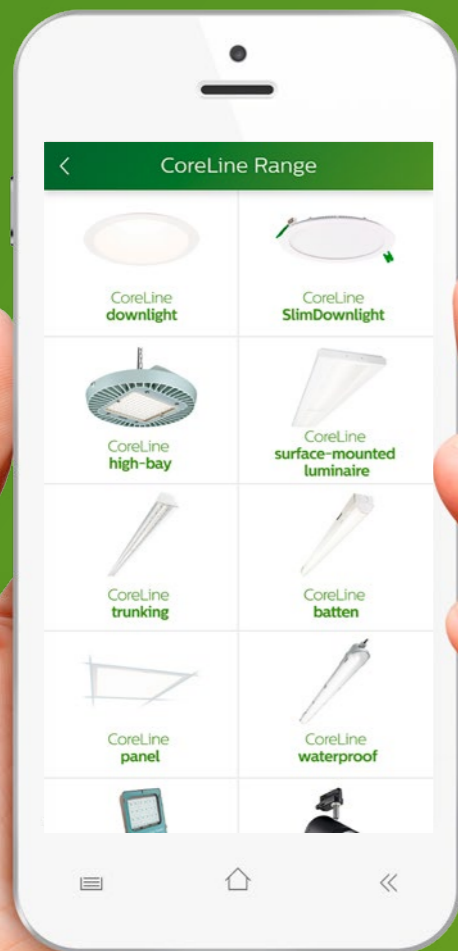
CoreLine	Wattage	Lifetime	Save up to	Luminous Flux	Color Temp.	CRI	Product description	EOC code
<b>CoreLine waterproof</b> 	17 W	50,000 hrs	53%	1800 lm	4000 K	≥ 80	WT120C LED18S/840 PSU L600	84045900
	20 W	50,000 hrs	44%	2200 lm	4000 K	≥ 80	WT120C LED22S/840 PSU LI200	84046600
	29 W	50,000 hrs	50%	3400 lm	4000 K	≥ 80	WT120C LED34S/840 PSU LI500	84047300
	38 W	50,000 hrs	47%	4000 lm	4000 K	≥ 80	WT120C LED40S/840 PSU LI200	84048000
	57 W	50,000 hrs	50%	6000 lm	4000 K	≥ 80	WT120C LED60S/840 PSU LI500	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 LI200	88307500
	29 W	50,000 hrs	50%	3400 lm	4000 K	≥ 80	WT120C LED34S/840 PSD LI500	88308200
	38 W	50,000 hrs	47%	4000 lm	4000 K	≥ 80	WT120C LED40S/840 PSD LI200	88309900
	57 W	50,000 hrs	50%	6000 lm	4000 K	≥ 80	WT120C LED60S/840 PSD LI500	88310500
<b>CoreLine high-bay</b> 	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
<b>CoreLine trunking</b> 	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
<b>CoreLine tempo up to 217 W</b> 	217 W	70,000 hrs	60%	26,000 lm	4000 K	> 70	BVP130 LED260/740 A	09639700
	162 W	70,000 hrs	60%	21,000 lm	4000 K	> 70	BVP130 LED210/740 A	09640300
	120 W	70,000 hrs	60%	16,000 lm	4000 K	> 70	BVP130 LED160/740 A	09641000
	217 W	70,000 hrs	60%	26,000 lm	4000 K	> 70	BVP130 LED260/740 S	09642700
	162 W	70,000 hrs	60%	21,000 lm	4000 K	> 70	BVP130 LED210/740 S	09643400
	120 W	70,000 hrs	60%	16,000 lm	4000 K	> 70	BVP130 LED160/740 S	09644100
<b>CoreLine tempo large up to 93 W</b> 	93 W	70,000 hrs	66%	12,000 lm	4000 K	> 70	BVP130 LED120/740 A	09723300
	93 W	70,000 hrs	66%	12,000 lm	4000 K	> 70	BVP130 LED120/740 S	09725700
	60 W	70,000 hrs	66%	8,000 lm	4000 K	> 70	BVP130 LED80/740 A	09724000
	60 W	70,000 hrs	66%	8,000 lm	4000 K	> 70	BVP130 LED80/740 S	09726400
<b>CoreLine tempo small</b> 	38 W	70,000 hrs	57%	4200 lm	4000 K	≥ 80	BVP110 LED42/NW A	30635300
	38 W	70,000 hrs	57%	4200 lm	4000 K	≥ 80	BVP110 LED42/NW S	30636000

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

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

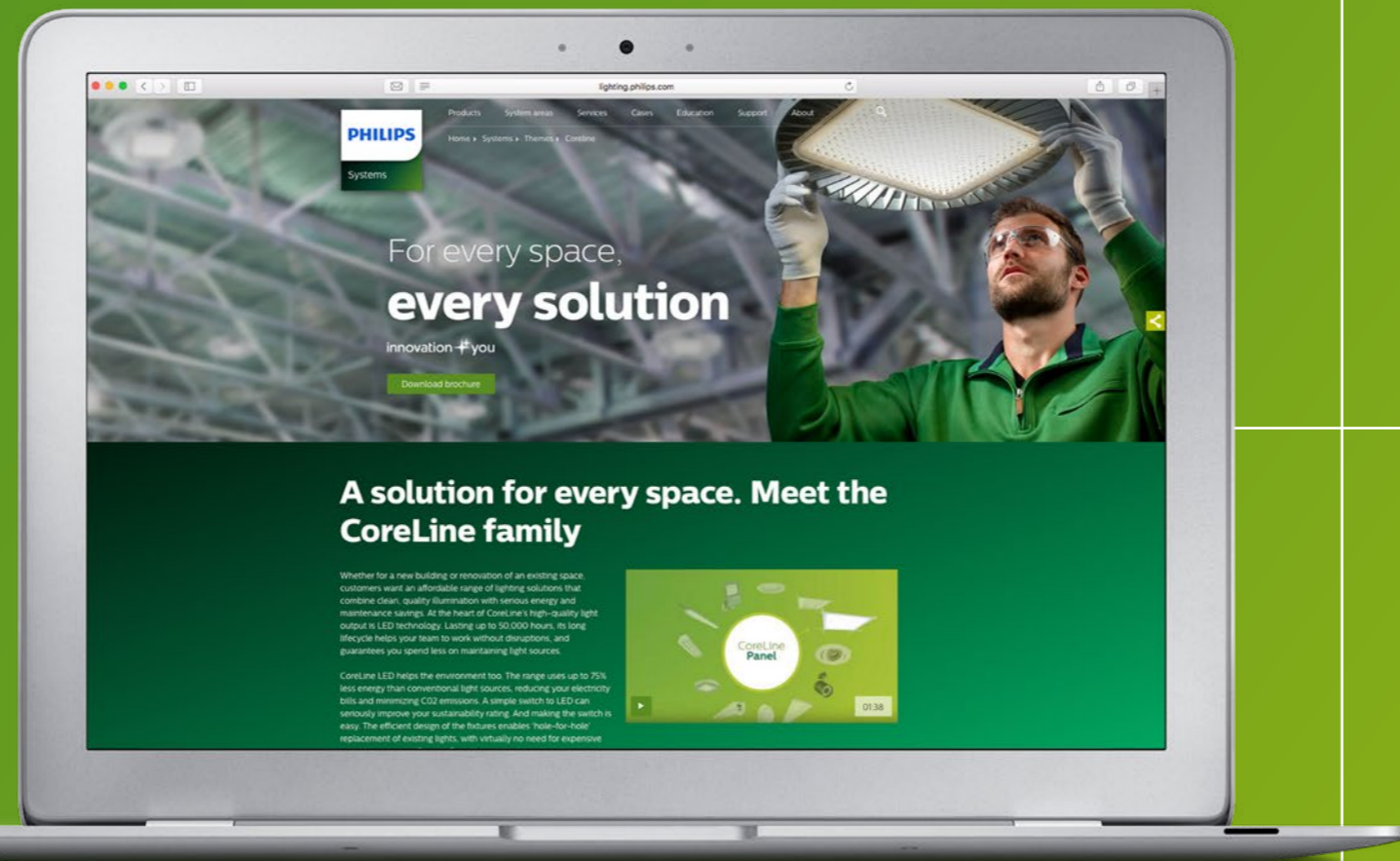
# CoreLine is just the beginning

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!



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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.



