



CoreLine LED range

The clear choice for LED



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Introducing the CoreLine LED range

the clear choice for LED

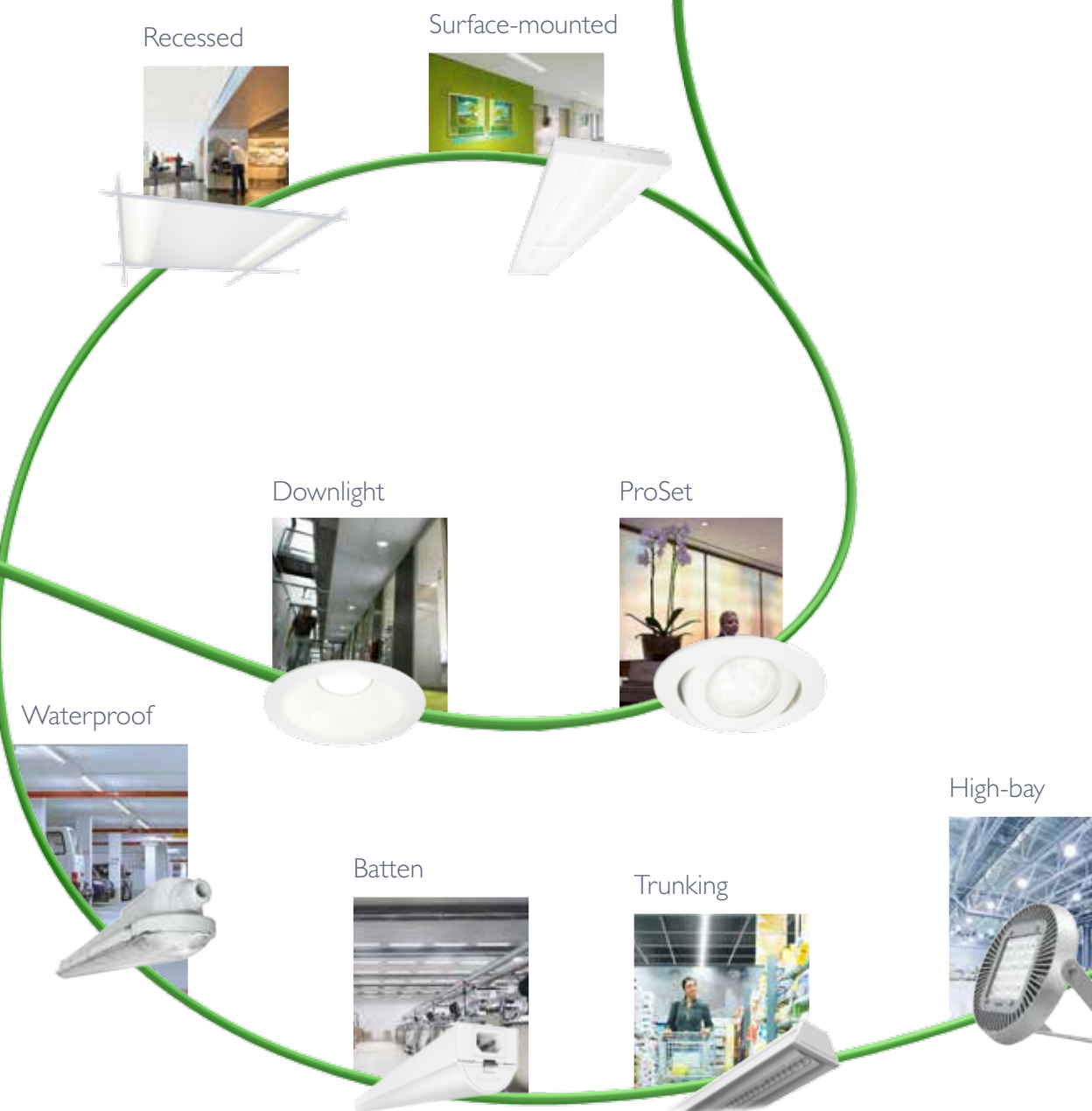
Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings.

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.

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.



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

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

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

The CoreLine family consists of eight quality products: recessed, surface-mounted, downlight, spot, waterproof, batten, trunking and high-bay.

CoreLine LED range



CoreLine Recessed



Specifications

Type
RCI20B

Power
LED37S version: 42W
LED26S version: 31W

Luminous Flux
LED37S version: 3700 lm
LED26S version: 2600 lm

Color Temp.
3000 K
4000 K

CRI
≥ 80

Lifetime
30,000 Hrs

Benefits

- Enables a simple switch from basic conventional luminaires to LED luminaires
- Together with controls additional savings are possible of up to 50%
- Slim design with a height of less than 35 mm

Application

General lighting

Savings over life*

€ 114,-

	TL-D	TL-5	CoreLine Recessed
Wattage	70W		42W
		63W	42W
Lifetime	15,000 Hrs		30,000 Hrs
		25,000 Hrs	30,000 Hrs

up to
40% energy saving

up to
30% energy saving

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

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CoreLine LED range



CoreLine Surface-mounted



Specifications

Type
SM120V

Power
LED37S version: 42W
LED26S version: 31W

Luminous Flux
LED37S version: 3700 lm
LED26S version: 2600 lm

Color Temp.
3000 K
4000 K

CRI
≥ 80

Lifetime
30,000 Hrs

Benefits

- Enables a simple switch from basic conventional luminaires to LED luminaires
- Energy savings of up to 40% compared to functional TL-D luminaires
- Slim design with a height of less than 40 mm

Application
General lighting

Savings over life*

€ 121,-

	TL-D	TL-5	CoreLine Surface-mounted
Wattage	72W		42W
		63W	42W
Lifetime	15,000 Hrs		30,000 Hrs
		25,000 Hrs	30,000 Hrs

up to
40% energy saving

up to
30% energy saving



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

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CoreLine LED range



CoreLine Downlight



Specifications

Type
DNI20B
Power
Mini 14W
Compact 27W
Luminous Flux
Mini 1100 lm
Compact 2000 lm
Color Temp.
3000 K
4000 K
CRI
≥ 80
Lifetime
30,000 Hrs

Benefits

- Enables a simple switch from CFL luminaires to LED luminaires
- Energy savings of up to 60% compared to functional CFL luminaires
- Three times longer life than CFL

Application

General lighting / Corridors /
Indoor circulation areas

Savings over life*

€211,-

	CFL EM	CoreLine Downlight
Wattage	66W	27W
Lifetime	10,000 Hrs	30,000 Hrs

up to **60%** energy saving

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

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CoreLine LED range

CoreLine ProSet*



Specifications

Type
RSI20B
Power
13W
Luminous Flux
640 lm
Color Temp.
3000 K
4000 K
CRI
> 80
Lifetime
50,000 Hrs

Benefits

Same lumen output as
50W halogen, but

- 75% energy saving
- 16 times longer lifetime
- Payback less than 8 months
- Dimmable

Application

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

Savings over life**

€305,-

			
	LV Halogen	CoreLine ProSet	
Wattage	54W	13W	» up to 75% energy saving
Lifetime	3,000 Hrs	50,000 Hrs	»

* Available as from May 2013

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

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CoreLine LED range



CoreLine Waterproof*



Specifications

Type

WT120C

Luminous Flux and power:

LED18S L600: 1800 lm, 19W
LED22S L1200: 2200 lm, 23W
LED40S L1200: 4000 lm, 41W
LED34S L1500: 3400 lm, 29W
LED60S L1500: 6000 lm, 57W

Color Temp.

4000 K

CRI

≥ 80

Lifetime

50,000 Hrs

Benefits

- Reliable LED technology – maintenance free
- Direct substitute to conventional waterproofs in light performance, installation flexibility & length
- Sleek design with CoreLine LED signature

Application

Parking garages / Warehouses / General lighting

Savings over life**



	Traditional waterproof TCW060 / TCW216	CoreLine Waterproof
Wattage	2x18W TL-D, 36W	LED18S L600, 19W
	1x36W TL-D, 36W 2x36W TL-D, 72W	LED22S L1200, 23W LED40S L1200, 41W
	1x58W TL-D, 58W 2x58W TL-D, 116W	LED34S L1500, 29W LED60S L1500, 57W
Lifetime	15,000 Hrs	50,000 Hrs

up to
45% energy saving

up to
40% energy saving

up to
50% energy saving

* Available as from May 2013

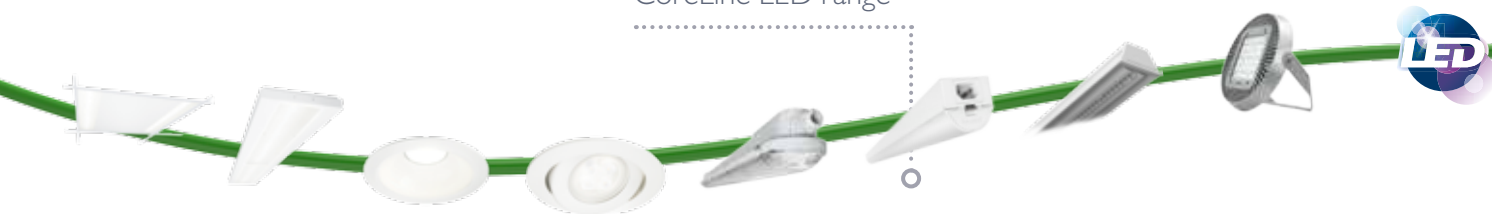
**Based on European average of 12 cent/kWh hours, including maintenance and lamp replacement cost

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CoreLine LED range



CoreLine Batten*



Specifications

Type

BN120C push-in connection
BN121C IEC connector

Luminous Flux and Power

LED19S L600: 1900 lm, 20W
LED38S L1200: 3800 lm, 40W

Color Temp.

3000 K
4000 K

CRI

≥ 80

Lifetime

30,000 Hrs

Benefits

- Reliable LED technology
– maintenance free
- Direct substitute to conventional
battens in light performance,
installation flexibility & length
- Frosted diffuser with CoreLine
LED signature

Application

General lighting / Assembly lines /
Cove lighting

Savings over life**



	TMS028 / TMS022	CoreLine Batten
Wattage	2x18W TL-D, 36W	LED19S, 20W
	2x36W TL-D, 72W	LED38S, 40W
Lifetime	15,000 Hrs	30,000 Hrs

up to
40% energy
saving

* Available as from May 2013

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

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CoreLine LED range



CoreLine Trunking*



Specifications

Type
LLI20X: 3,4m
LLI2IX: 1,7m
Power
40 up to 70W
Luminous Flux
4000 to 7000 lm (per 1,5m)
Color Temp.
4000 K (and 3000 K for
higher lumen packages)
CRI
≥ 80
Lifetime
50,000 Hrs

Benefits

- Best lumens per Euro in LED Trunking
- Product enhancement through sparkle and excellent beam shaping
- Energy cost savings and long life time

Application

Supermarkets / Warehouses /
Assembly areas

Savings over life**

€306,-

		
	TTX260	CoreLine Trunking
Wattage	2x58W TL-D, 110W	65W
Lifetime	15,000 Hrs	50,000 Hrs

up to
40% energy
saving

* Available as from May 2013

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

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CoreLine LED range



CoreLine High-bay*



Specifications

Type
BY120P/BY121P
Power
BY120P: 110W
BY121P: 210W
Luminous Flux
BY120P: 10,000 lm
BY121P: 20,000 lm
Color Temp.
4000 K
CRI
≥75
Lifetime
50,000 Hrs

Benefits

- Enables a simple switch from conventional luminaires to LED luminaires
- Energy savings of up to 50% compared to HPI HighBays and less maintenance
- Improved quality of light due to high and consistent CRI

Application

Warehouses / Industry / Major halls

Savings over life**

€ 1470,-

		
	Cabana	CoreLine High-bay
Wattage	250W HPI, 268W 400W HPI, 428W	BY120P, 110W BY121P, 210W
Lifetime	10,000 Hrs	50,000 Hrs

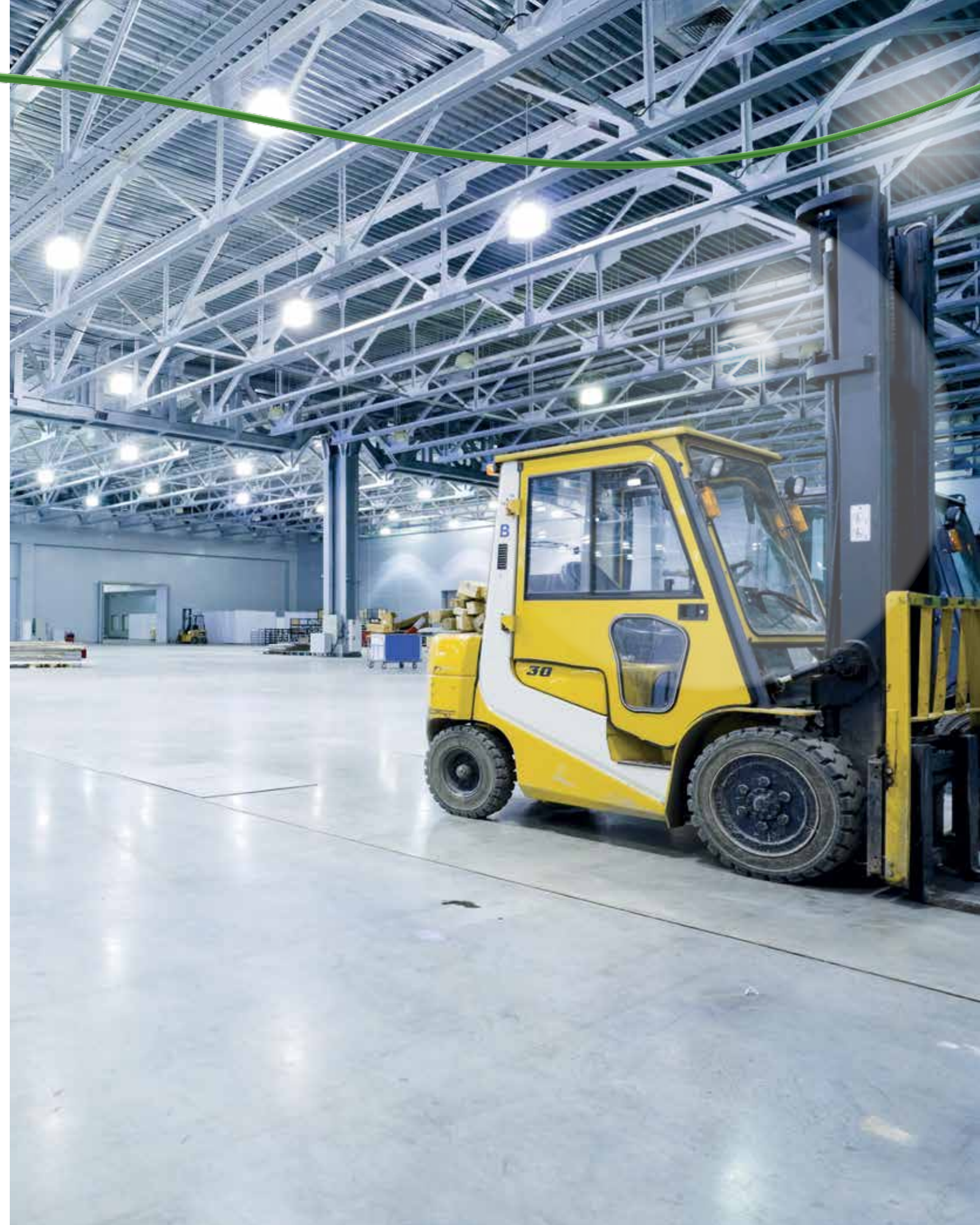
up to
50% energy
saving

* Available as from May 2013









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

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Product Overview

Product type		Description	Philips EOC codes
CoreLine Recessed		RCI20B LED375/840 PSU W60L60	89755199
		RCI20B LED265/840 PSU W60L60	89756899
		RCI20B LED375/840 PSU W30LI20	89757599
		RCI20B LED265/840 PSU W30LI20	89758299
CoreLine Surface-mounted		SMI20V LED375/840 PSU W60L60	89759999
		SMI20V LED265/840 PSU W60L60	89760599
		SMI20V LED375/840 PSU W20LI20	89761299
		SMI20V LED265/840 PSU W20LI20	89762999
		SMI20Z SME-3 (Suspension set)	89763699
CoreLine Downlight		DNI20B DLMi1100/830 WH	10778100
		DNI20B DLMi1100/840 WH	10779800
		DNI20B DLMi2000/830 WH	10780400
		DNI20B DLMi2000/840 WH	10781100
CoreLine ProSet		RSI20B LED6-40-/830 PSR WH	89861999
		RSI21B LED6-40-/830 PSR WH	89862699
		RSI20B LED6-40-/840 PSR WH	89865799
		RSI21B LED6-40-/840 PSR WH	89866499
CoreLine Waterproof		WTI20C LED185/840 PSU L600	84045900
		WTI20C LED225/840 PSU LI200	84046600
		WTI20C LED405/840 PSU LI200	84048000
		WTI20C LED345/840 PSU LI500	84047300
		WTI20C LED605/840 PSU LI500	84049700
CoreLine Batten		BNI20C LEDI95/840 PSU L600	89955599
		BNI21C LEDI95/840 PSU L600	89956299
		BNI20C LED385/840 PSU LI200	89957999
		BNI21C LED385/840 PSU LI200	89958699
		BNI20C LEDI95/830 PSU L600	89959399
		BNI21C LEDI95/830 PSU L600	89960999
		BNI20C LED385/830 PSU LI200	89969299
		BNI21C LED385/830 PSU LI200	89962399
CoreLine Trunking		LLI21X LED455/840 PSU DA20 5 WH	88183400
		LLI20X LED905/840 PSU DA20 5 WH	88184100
		LLI21X LED805/840 PSD WB 7 WH	88142100
		LLI20X LED1605/840 PSD WB 7 WH	88143800
CoreLine High-bay		BYI20P LEDI03/740 PSU WB	Available as from May 2013
		BYI21P LEDI97/740 PSU WB	Available as from May 2013

For more information about the CoreLine range, please visit: www.ecat.lighting.philips.com



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