

Elle

LED







Meet CoreLine: the complete range of LED lighting

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.

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 eleven quality products Downlight, Recessed, Panel, ProSet, Surface-mounted, Wall-mounted, Batten, Waterproof, High-bay, Trunking and Tempo.



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.

66 Want increased lighting comfort & additional energy savings?"

Simply add controls

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 CoreLine LED Range





CoreLine **Downlight**

The cost-effective solution for indoor lighting.

CoreLine Recessed

Stylish design & easy placement.

CoreLine **Panel**

Excellent diffused light quality.

CoreLine ProSet

Easy replacement for halogen.



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CoreLine Surface-mounted

Slim design for discreet placement.

CoreLine Wall-mounted

User friendly through built-in controls.



CoreLine Batten

Simple switch to LED luminaires.



CoreLine Waterproof

Excellent performance & sleek design.



CoreLine **High-bay**

Excellent performance, reduced maintenance.

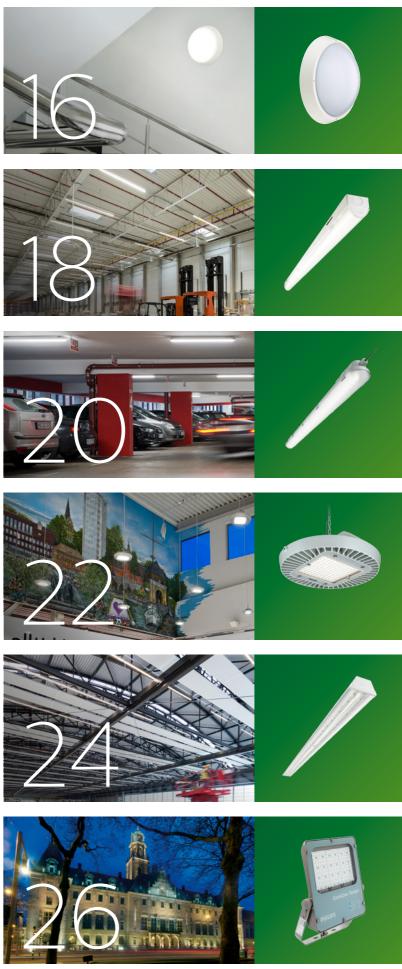


CoreLine Trunking

Best solution in lumens per €.

CoreLine Tempo

The cost-effective solution for area lighting.



CoreLine **Downlight**



66 The cost-effective solution for indeer lighting

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Specifications

Type Power Luminous Flux Color Temp. CRI Lifetime

DN125B Mini 13 W, Compact 24 W Mini 1000 lm, Compact 2000 lm 3000 K, 4000 K ≥80 50,000 hrs

Benefits

- General lighting replacing CFL
- Up to 75% energy savings
- 5 x longer lifetime
- · 2 year payback
- Dimmable

Application

General lighting / Corridors / Indoor circulation areas

			1	
	CFL EM	CoreLine Downlight	t 🔪	
	E B			
Wattage Mini Wattage Compact	51W 66W	13 W 24 W	-	
Lifetime	10,000 hrs	50,000 hrs	-	

Up to

75%

energy savings

Savings over life*



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





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Presence Detector **LRM 1011**

Up to 30% additional energy savings when combined with the Presence Detector

Benefits

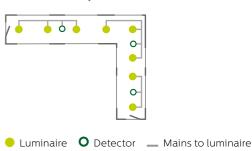
- Small, unobtrusive sensor
- detects subtle movement
- Increased lifespan of installation - turns off lighting when not required

CoreLine LED Range

Downlight



Corridor example



CoreLine Recessed



Specifications

Туре	RC120B
Power	LED37S version: 42 W
	LED26S version: 31W
Luminous Flux	LED37S version: 3700 lm,
	LED26S version: 2600 lm
Color Temp.	3000 K, 4000 K
CRI	≥80
Lifetime	50,000 hrs

Benefits

- General lighting replacing conventional TL-D & TL-5
- Up to 40% energy savings
- 3.3 x longer lifetime
- Slim design & <35 mm height

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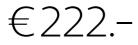
Office compliant optic available - VAR-PC version

Application

General lighting

	TL-D / TL-5	CoreLine Recessed
Wattage	63 W 70 W	42 W 42 W
Lifetime	25,000 hrs 15,000 hrs	50,000 hrs 50,000 hrs

Savings over life*



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



66 Stylish design & easy placement."

Presence Detector **LRM 1011**

Up to 30% additional energy savings when combined with the Presence Detector

Benefits

- Small, unobtrusive sensor
- detects subtle movement
- Increased lifespan of installation
- turns off lighting when not required

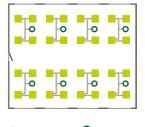


CoreLine LED Range

Recessed

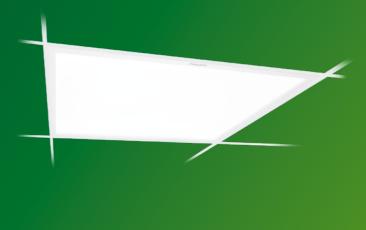


Open plan office example



Luminaire O Detector _____ Mains to luminaire

CoreLine **Panel**





Specifications

Type Power 41 W Luminous Flux Color Temp. CRI ≥80 Lifetime

RC125B, RC126B

3400 lm 3000 K, 4000 K 40,000 hrs

Benefits

- General lighting replacing conventional TL-D & TL-5
- Up to 40% energy savings
- 2.6 x longer lifetime
- Efficacy (lm/w) 83 lm/w
- Warranty: 3 year
- Easy connection

Application

General lighting

	TL-D / TL-5	CoreLine Panel	
Wattage	63 W 70 W	41W 41W	-
Lifetime	25,000 hrs 15,000 hrs	40,000 hrs 40,000 hrs	_

Savings over life*

* Based on European average of 12 cent/kW hours including

maintenance and lamp replacement cost.

Presence Detector LRM 1011

Up to 30% additional energy savings when combined with the Presence Detector

Benefits

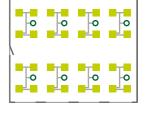
- Small, unobtrusive sensor
- detects subtle movement
- Increased lifespan of installation
- turns off lighting when not required
- Parallel option for open plan



CoreLine LED Range

Panel





● Luminaire O Detector ____ Mains to luminaire

CoreLine **ProSet**



Specifications

Type RS120B Fixed version RS121B Adjustable version Power 13 W 640 lm Luminous Flux 3000 K, 4000 K Color Temp. CRI > 80 Lifetime 50,000 hrs

Benefits

- Accent lighting replacing Halogen
- Up to 75% energy savings
- 16 x longer lifetime
- 8 month payback
- Dimmable & IP44 rated
- Available in 25 or 40 degree beam angle

Application

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

CoreLine ProSet LV Halogen Wattage 54 W 13 W Lifetime 3000 hrs 50,000 hrs

Up to

75%

energy savings

Savings over life*



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





Movement Detector **LRM 1032**

Up to 50% additional energy savings when combined with the Movement Detector

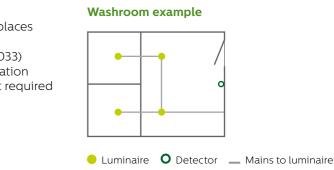
Benefits

- Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation
- turns off lighting when not required

CoreLine LED Range

ProSet





CoreLine Surfacemounted



Up to

40%

energy savings

50,000 hrs

66 Slim design for discreet placement."

Specifications

Туре	SM120V
Power	LED37S version: 42 W
	LED26S version: 31W
Luminous Flux	LED37S version: 3700 lm
	LED26S version: 2600 lm
Color Temp.	3000 K, 4000 K
CRI	≥ 80
Lifetime	50,000 hrs

Benefits

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

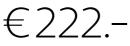
Application

General lighting

	TL-D / TL-5	CoreLine Surface-mounted
	17 17	
Wattage	63 W 72 W	42 W 42 W
Lifetime	25,000 hrs	50,000 hrs

Lifetime 25,000 hrs 15,000 hrs

Savings over life*



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

**The CoreLine Surface-mounted is also available in suspended mode.



Presence Detector **LRM 1000**

Up to 30% additional energy savings when combined with the Presence Detector

Benefits

- Increased lifespan of installation
- turns off lighting when not required
- Detects subtle movement
- Surface mounted sensor installation



CoreLine LED Range

Surfacemounted



Washroom example Luminaire O Detector _____ Mains to luminaire

15

CoreLine Wallmounted



Up to

55%

energy savings

LED16S

66 User friendly through built-in controls."

Specifications

Туре	WL120V Round WL121V Oval
Luminous Flux	
and Power	WL121V LED5S: 500 lm, 8 W
	WL120V LED12S: 1200 lm, 18 W
	WL120V LED16S: 1600 lm, 24 W
Color Temp.	3000 K, 4000 K
CRI	> 80
Lifetime	50,000 hrs

Benefits

- · General lighting replacing traditional
- wall-mounted luminaires
- Up to 55% energy savings
- 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



Savings over life*

LED12S

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





Built-in Movement Detector LED5S, LED12S & LED16S

Up to 70% additional energy savings when built-in Movement Detectors are optimized

Benefits

- Fast & easy installation due to built-in sensor
- · Adjustment of brightness, sensitivity & timer is quick and easy via push buttons

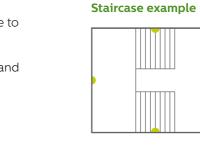


CoreLine LED Range

Wall-mounted







😑 Luminaire 🛛 🗕 Mains to luminaire

CoreLine **Batten**



Specifications

Specifications	
Туре	BN120C push-in connection
	BN121C IEC connector
Power	LED19S L600: 20 W
	LED38S L1200: 40 W
Luminous Flux	LED19S L600: 1900 lm
	LED38S L1200: 3800 lm
Color Temp.	3000 K, 4000 K
CRI	≥ 80
Lifetime	50,000 hrs

Benefits

- General lighting replacing conventional TL-D
- Up to 40% energy savings
- 3.3 x longer lifetime
- Installation flexibility & lengths same as TL-D
- Excellent performance & light quality with frosted diffuser

Application

General lighting / Assembly lines / Cove lighting

	TL-D	CoreLine Batten	
Wattage	2x18 W 2x36 W	20 W 40 W	-
Lifetime	15,000 hrs	50,000 hrs	

Savings over life*



LED38S 75-

Up to

40%

energy savings

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



Movement Detector LRM 1032

Up to 50% additional energy savings when combined with the Movement Detector

Benefits

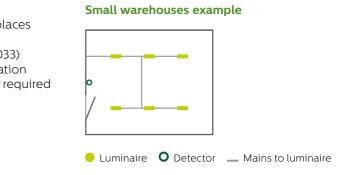
- Movement detector unit replaces traditional light switch
- Retrofit possible (use LRM1033)
- Increased lifespan of installation
 - turns off lighting when not required



CoreLine LED Range

Batten





CoreLine Waterproof



Up to

50%

energy savings

Specifications

Туре	WT12OC
Luminous Flux	
and Power	LED18S L600: 1800 lm, 19 W
	LED22S L1200: 2200 lm, 23 W
	LED40S L1200: 4000 lm, 41 W
	LED34S L1500: 3400 lm, 29 W
	LED60S L1500: 6000 lm, 57 W
Color Temp.	4000 K
CRI	≥ 80
Lifetime	50,000 hrs

	TL-D	CoreLine Waterproof
Wattage	2x18 W 1x36 W 2x36 W 1x58 W 2x58 W	19 W 23 W 41 W 29 W 57 W
Lifetime	15,000 hrs	50,000 hrs

Benefits

- Industrial lighting replacing conventional TL-D & TL-5
- Up to 50% energy savings
- 3.3 x longer lifetime
- Installation flexibility & lengths same as TL-D
- Excellent performance & sleek design
- IP65 & IK08 rated

Application

Parking garages / Warehouses / General lighting

Savings over life*

LED40S

LED60S

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



Movement Detector **LRM 1040**

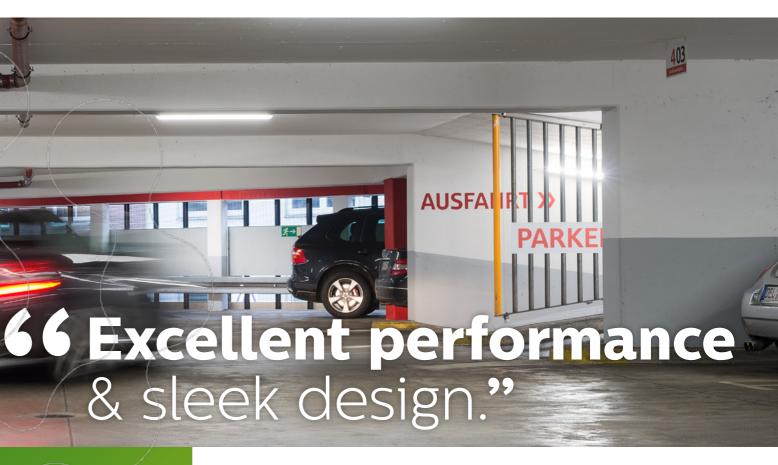
Up to 70% additional energy savings when combined with the Movement Detector

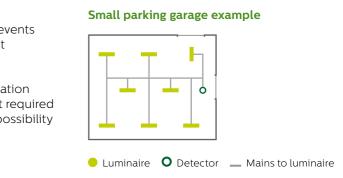
Benefits

- 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

CoreLine LED Range

Waterproof





CoreLine **High-bay**



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Project: Ica Max, Halmstad

Specifications

Туре	BY120P
	BY121P
Power	BY120P: 100 W
	BY121P: 200W
Luminous Flux	BY120P: 10,500 lm
	BY121P: 20,500 lm
Color Temp.	4000 K
CRI	≥ 80
Lifetime	50,000 hrs

Benefits

- \cdot Industrial lighting point-for-point replacement
- of 250 W & 400 W conventional HPI high-bays
- Up to 63% energy savings
- \cdot 5 x longer lifetime
- Reduced maintenance
- \cdot Excellent performance & light quality high CRI

Application

Warehouses / Industry / Major halls / Supermarkets

			- X
HPI		CoreLine High-bay	
Wattage	250 W 400 W	100 W 200 W	
Lifetime	10,000 hrs	50,000 hrs	-

Up to

60%

energy savings

Savings over life*

€1530.-

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

66 Excellent performance, reduced maintenance."

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CoreLine LED Range

High-bay

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CoreLine **Trunking**



Specifications

Туре	LL120X: 3,4 m
	LL121X: 1,7 m
Power	45W up to 140W
Luminous Flux	4000 lm to 7000 lm (per 1,5 m)
Color Temp.	4000 K (and 3000 K for higher
	lumen packages)
CRI	≥80
Lifetime	50,000 hrs

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Benefits

- Replacement for conventional TL-D & TL-5
- Up to 54% energy savings
- 3.3 x longer lifetime
- Reduced maintenance & best lumens per € solution
- Excellent beam shapes & sparkle for product enhancement

Application

Supermarkets / Warehouses / Assembly areas



Up to

50%

energy savings

Savings over life*

€411.-

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

66 Best solution in lumens per €."

CoreLine LED Range

Trunking

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CoreLine **Tempo**





Specifications

Type Power Luminous Flux Color Temp. CRI Lifetime

BVP120 40 W, 80 W, 120 W 4000 lm, 8000 lm, 12,000 lm 4000 K 80 50,000 hrs

Benefits

- Point-to-point replacement from 70 W to 250 W conventional floodlight
- Energy savings up to 50% compared to HPI-P systems
- More light control. Light where is needed
 Instant light, long lifetime
- Reliable Quality: Die-casting aluminium housing guarantees robustness, vibration-proof, wind force protection, painted in RAL 9007, IP65 protection

Application

General outdoor Area lighting / Industrial Areas / Billboards / Parking lots / Building facades

			1
	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.-

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

66 The cost-effective solution for area lighting."

CoreLine LED Range

Tempo

••••••

Product **Overview**

24 W

18 W

8 W

24 W

18 W

8 W

10,000 hrs

10,000 hrs

10,000 hrs

10,000 hrs

10 000 hrs

10,000 hrs

2x26W

2x18 W

1x18 W

2x26W

2×18 W

1x18 W

50,000 hrs

50,000 hrs

50,000 hrs

50,000 hrs

50 000 hrs

50,000 hrs

54%

54%

55%

54%

54%

55%

WL120V LED16S/840 PSR MDU WH

WL120V LED12S/840 PSR MDU WH

WL121V LED5S/840 PSR MDU WH

WI 120V | ED16S/830 PSR MDU WH

WI 120V LED12S/830 PSR MDU WH

WL121V LED5S/830 PSR MDU WH

24117200

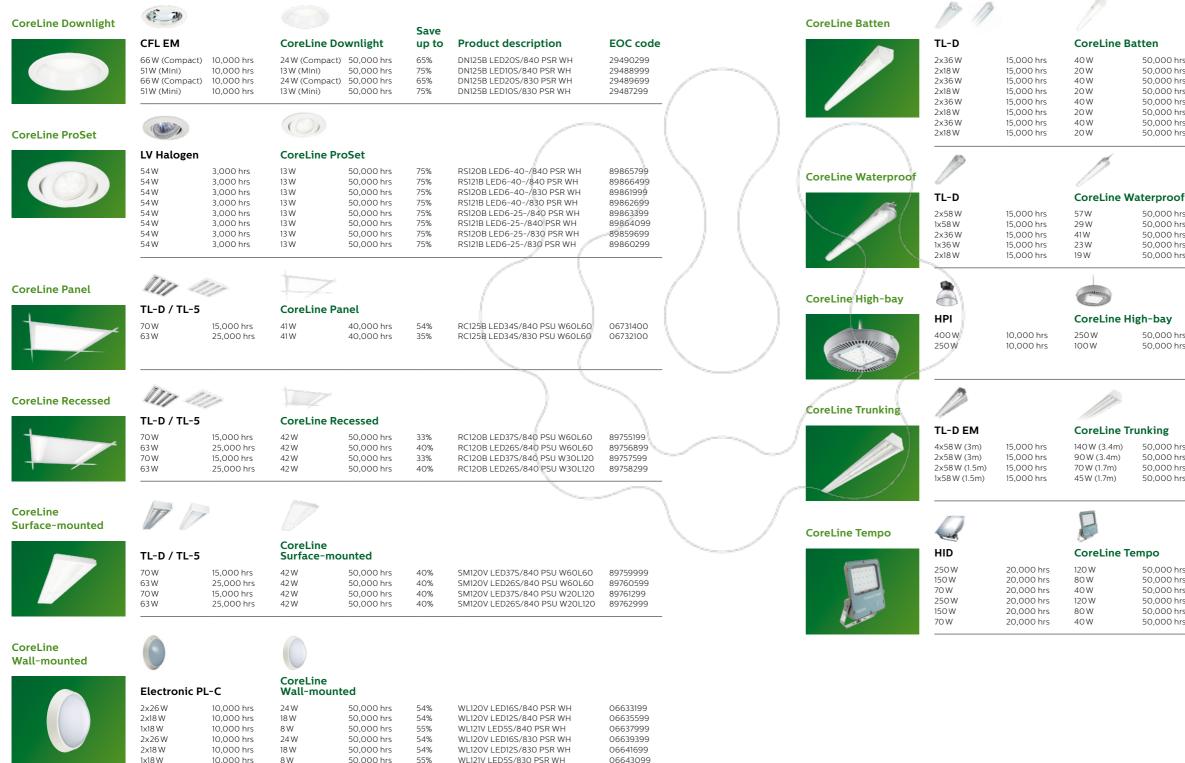
24105900

24290200

24111000

24099100

24288900



CoreLine

LED Range

Product Overview

tten	Save up to	Product description	EOC code
50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs 50,000 hrs	40% 40% 40% 40% 40%	BN120C LED38S/840 PSU L1200 BN120C LED19S/840 PSU L600 BN121C LED38S/840 PSU L1200 BN121C LED19S/840 PSU L600 BN120C LED38S/830 PSU L1200 BN120C LED19S/830 PSU L600	89957999 89955599 89958699 89956299 89961699 8996199
50,000 hrs 50,000 hrs 50,000 hrs	40% 40% 40%	BN121C LED385/830 PSU L600 BN121C LED385/830 PSU L1200 BN121C LED195/830 PSU L600	89953399 89962399 89960999

50,000 hrs	50%	WT120C LED60S/840 PSU L1500	84049700
50,000 hrs	50%	WT120C LED34S/840 PSU L1500	84047300
50,000 hrs	43%	WT120C LED40S/840 PSU L1200	84048000
50,000 hrs	36%	WT120C LED22S/840 PSU L1200	84046600
50,000 hrs	47%	WT120C LED18S/840 PSU L600	84045900

50,000 hrs	54%	BY121P G2 LED205S/840 PSU WB GR	29606700
50,000 hrs	63%	BY120P G2 LED105S/840 PSU WB GR	29605000
		BY121Z G2 MB (Mounting bracket)	29608199
		BY120Z G2 MB (Mounting bracket)	29607499

50,000 hrs	54%	LL120X LED160S/840 PSD WB 7 WH	88143800
50,000 hrs	40%	LL120X LED90S/840 PSU DA20 5 WH	88184100
50,000 hrs	54%	LL121X LED80S/840 PSD WB 7 WH	88142100
50,000 hrs	40%	LL121X LED45S/840 PSU DA20 5 WH	88183400

50,000 hrs	52%	BVP120 LED120/NW S	29587900
50,000 hrs	46%	BVP120 LED80/NW S	29586200
50,000 hrs	43%	BVP120 LED40/NW S	29585500
50,000 hrs	52%	BVP120 LED120/NW A	29590900
50,000 hrs	46%	BVP120 LED80/NW A	29589300
50,000 hrs	43%	BVP120 LED40/NW A	29588600

Product **Overview**

LRM1000



Product description LRM1000 OS mov det

EOC code 22557700

LRM1011



Product type Presence Detector

Product type

Presence Detector

Product description LRM1011 OS mov det small

EOC code 22561400

LRM1032



Product type Movement Detector

Product description LRM1032 OS mov det switch 2w DI

EOC code 22567500

LRM1040



Product type Movement Detector

Product description LRM1040 OS mov det IP55 240dgr

EOC code 22573700

UID8670



Product type Mains Dimming

Product description UID8670/00 LED dimmer

EOC code 67562400

space, my solution." 66

AllTapeSupplies has been a leader in the self-adhesive tape business for more than 25 years. When the time came to decide for the lighting equipment of their new office in Tilburg, the Netherlands, they looked for a solution that reflected the same value that the company brings to its clients: quality performance.

CEO Felipe Muñoz has a clear view on the role that lighting should play in his organization. "With the switch to Philips LED we have reduced maintenance and therefore we achieved far less disruption in our business operations. Our office is a very comfortable and productive working



For more information about the CoreLine range, please visit: www.philips.com/coreline



For detailed product information and full specification visit: www.ecat.lighting.philips.nl



environment due to the guaranteed flicker free light and the integrated new optics, which meet the office lighting norms." Muñoz decided to take his own philosophy to heart. "We wanted our own people to benefit from the new lighting, just as we want our customers to benefit from our products." The lighting saves up to 40% versus the traditional office lighting. This helps us to meet our sustainability goals and underlines our company's vision.

"The quality of lighting makes our day comfortable and productive."

Project

AllTapeSupplies

Location

Tilburg, The Netherlands

CEO

Juan Felipe Muñoz

Philips lighting

solution CoreLine Recessed CoreLine Downlight



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