



# CoreLine Wall-mounted – the clear choice for LED

## CoreLine Wall-mounted

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

### Benefits

- Universal solution covering various application requirements
- Slim and unobtrusive design
- Delivering the right visual comfort in common areas
- Direct replacement for traditional wall-mounted luminaires

### Features

- Homogeneous light effect to cater for visual comfort
- Three lumen packages to cater for diverse applications
- Water- and vandal-proof as standard
- Easy installation with push-in connectors and simple through wiring
- Optional emergency lighting (incl. self-test)
- Optional motion detector, including daylight sensing, dimming and grouping function
- Optional DALI versions

# CoreLine Wall-mounted

## Application

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

## Specifications

<b>Type</b>	WL130V (slim version) WL131V (deeper version)
<b>Light source</b>	Non-replaceable LED module
<b>Power (+/-10%)</b>	12 W (LED12S version) 22 W (LED20S version) 36 W (LED34S version)
<b>Beam angle</b>	120°
<b>Luminous flux</b>	1,200 lm (LED12S version) 02,000 lm (LED20S version) 3,400 lm (LED34S version)
<b>Correlated Colour Temperature</b>	3,000 or 4,000 K
<b>Colour Rendering Index</b>	≥ 80
<b>Median useful life</b>	50,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	38,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	18,000 hours
<b>L90B50</b>	
<b>Average ambient temperature</b>	+25 °C

<b>Operating temperature range</b>	-20 to +35 °C (wall-mounted position) -20 to +25 °C (ceiling-mounted position) 0 to +25 °C (emergency lighting)
<b>Driver</b>	Built-in, replaceable
<b>Mains voltage</b>	220-240 V/50-60 Hz
<b>Dimming</b>	Non-dimmable (PSU versions) Dimmable (PSR and DALI versions)
<b>Options</b>	Emergency lighting (integrated): 3 hours (EL3) Movement detection unit (integrated): on/off switch with day light override including grouping functionality (MDU) DALI driver and movement detection unit (integrated)
<b>Material</b>	Housing: Polyamide Difuser: high grade polycarbonate, UV-resistant
<b>Colour</b>	White (RAL 9003)
<b>Optical cover</b>	Polycarbonate diffuser
<b>Connection</b>	Push-in connector
<b>Maintenance</b>	LED module closed, no internal cleaning required
<b>Installation</b>	Screw mounting, directly onto surface 4-point screw installation of housing to wall Twist lock connection diffuser to the housing Through-wiring possible

## Versions



Coreline Wall-mounted - 120° x 120°

# CoreLine Wall-mounted

## Product details



CoreLine Wall-mounted WL140V  
Rim Black



CoreLine Wall-mounted WL140V  
Rim Grey



CoreLine Wall-mounted WL140V  
Wall-mounted Black



CoreLine Wall-mounted WL140V  
Wall-mounted PSU



CoreLine Wall-mounted WL140V  
Ceiling-mounted Grey



CoreLine Wall-mounted WL140V  
Ceiling-mounted Black



CoreLine Wall-mounted WL140V  
Wall-mounted White with Half-  
moon Accessory



CoreLine Wall-mounted WL140V  
Wall-mounted Grey with Half-  
moon Accessory

# CoreLine Wall-mounted

## Product details



Coreline Wall-mounted WL140V  
Top View (with screw locations)



CoreLine Wall-mounted WL140V  
Wall-mounted Switchable Lumen  
& CCT



CoreLine Wall-mounted WL140V  
Half-moon Accessory Black



CoreLine Wall-mounted WL140V  
Half-moon Accessory Grey



CoreLine Wall-mounted WL140V  
Ceiling-mounted



CoreLine Wall-mounted WL140V  
Wall-mounted PSR MDU



CoreLine Wall-mounted WL140V  
Wall-mounted Grey



CoreLine Wall-mounted WL140V  
Half-moon Accessory White

# CoreLine Wall-mounted

## Product details

Coreline Wall-mounted WL140V

Top View



### Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	No

### Approval and Application

Mech. impact protection code	IK10
Ingress protection code	IP65

### Operating and Electrical

Input Voltage	220-240 V
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### General Information

Beam angle of light source	120 °
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	NO
Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	1 unit
Optic type	Symmetrical

### Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

### Mechanical and Housing

Colour	White RAL 9003
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### Application Conditions

Order Code	Full Product Name	Maximum dimming level
97856300	WL140V LED34S/830 PSED WH	1%
97857000	WL140V LED34S/840 PSED WH	1%
52871099	WL140V LED12S/830 PSU WH	Not applicable
52872799	WL140V LED12S/840 PSU WH	Not applicable
52873499	WL140V LED20S/830 PSU WH	Not applicable
52874199	WL140V LED20S/840 PSU WH	Not applicable
52875899	WL140V LED34S/830 PSU WH	Not applicable
52876599	WL140V LED34S/840 PSU WH	Not applicable
52877299	WL140V LED20S/830 PSU MDU WH	Not applicable
52878999	WL140V LED20S/840 PSU MDU WH	Not applicable
52879699	WL140V LED12_20S/827_830_840 PSU WH	Not applicable
52880299	WL140V LED20_34S/827_830_840 PSU WH	Not applicable
53082999	WL140V LED12S/830 PSR MDU WH	10%
53083699	WL140V LED12S/840 PSR MDU WH	10%
53084399	WL140V LED20S/830 PSR MDU WH	10%
53085099	WL140V LED20S/840 PSR MDU WH	10%
53086799	WL140V LED34S/830 PSR MDU WH	10%
53087499	WL140V LED34S/840 PSR MDU WH	10%

## Controls and Dimming

Order Code	Full Product Name	Dimmable
97856300	WL140V LED34S/830 PSED WH	Yes
97857000	WL140V LED34S/840 PSED WH	Yes
52871099	WL140V LED12S/830 PSU WH	No
52872799	WL140V LED12S/840 PSU WH	No
52873499	WL140V LED20S/830 PSU WH	No
52874199	WL140V LED20S/840 PSU WH	No

Order Code	Full Product Name	Dimmable
52875899	WL140V LED34S/830 PSU WH	No
52876599	WL140V LED34S/840 PSU WH	No
52877299	WL140V LED20S/830 PSU MDU WH	No
52878999	WL140V LED20S/840 PSU MDU WH	No
52879699	WL140V LED12_20S/827_830_840 PSU WH	No
52880299	WL140V LED20_34S/827_830_840 PSU WH	No

## CoreLine Wall-mounted

Order Code	Full Product Name	Dimmable
53082999	WL140V LED12S/830 PSR MDU WH	Yes
53083699	WL140V LED12S/840 PSR MDU WH	Yes
53084399	WL140V LED20S/830 PSR MDU WH	Yes

Order Code	Full Product Name	Dimmable
53085099	WL140V LED20S/840 PSR MDU WH	Yes
53086799	WL140V LED34S/830 PSR MDU WH	Yes
53087499	WL140V LED34S/840 PSR MDU WH	Yes

### General Information

Order Code	Full Product Name	Light source replaceable	Product family code
97856300	WL140V LED34S/830 PSED WH	No	WL140V
97857000	WL140V LED34S/840 PSED WH	No	WL140V
52871099	WL140V LED12S/830 PSU WH	Yes	-
52872799	WL140V LED12S/840 PSU WH	Yes	-
52873499	WL140V LED20S/830 PSU WH	Yes	-
52874199	WL140V LED20S/840 PSU WH	Yes	-
52875899	WL140V LED34S/830 PSU WH	Yes	-
52876599	WL140V LED34S/840 PSU WH	Yes	-
52877299	WL140V LED20S/830 PSU MDU WH	Yes	-
52878999	WL140V LED20S/840 PSU MDU WH	Yes	-

Order Code	Full Product Name	Light source replaceable	Product family code
52879699	WL140V LED12_20S/827_830_840 PSU WH	Yes	-
52880299	WL140V LED20_34S/827_830_840 PSU WH	Yes	-
53082999	WL140V LED12S/830 PSR MDU WH	Yes	-
53083699	WL140V LED12S/840 PSR MDU WH	Yes	-
53084399	WL140V LED20S/830 PSR MDU WH	Yes	-
53085099	WL140V LED20S/840 PSR MDU WH	Yes	-
53086799	WL140V LED34S/830 PSR MDU WH	Yes	-
53087499	WL140V LED34S/840 PSR MDU WH	Yes	-

### Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Initial luminous flux
			Colour Temperature	Initial LED luminaire efficacy	
97856300	WL140V LED34S/830 PSED WH	(0.4338,0.4030)	3000 K	94.36619718309859 lm/W	3350 lm
97857000	WL140V LED34S/840 PSED WH	(0.3818,0.3797)	4000 K	95.77464788732394 lm/W	3400 lm
52871099	WL140V LED12S/830 PSU WH	(0.4338,0.4030)	3000 K	105 lm/W	1275 lm
52872799	WL140V LED12S/840 PSU WH	(0.3818,0.3797)	4000 K	110 lm/W	1350 lm
52873499	WL140V LED20S/830 PSU WH	(0.4338,0.4030)	3000 K	105 lm/W	2100 lm
52874199	WL140V LED20S/840 PSU WH	(0.3818,0.3797)	4000 K	110 lm/W	2200 lm
52875899	WL140V LED34S/830 PSU WH	(0.4338,0.4030)	3000 K	105 lm/W	3400 lm
52876599	WL140V LED34S/840 PSU WH	(0.3818,0.3797)	4000 K	110 lm/W	3550 lm
52877299	WL140V LED20S/830	(0.4338,0.4030)	3000 K	95 lm/W	1850 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Initial luminous flux
			Colour Temperature	Initial LED luminaire efficacy	
	PSU MDU WH				
52878999	WL140V LED20S/840 PSU MDU WH	(0.3818,0.3797)	4000 K	100 lm/W	1950 lm
52879699	WL140V LED12_20S/827_830_840 PSU WH	(0.3818,0.3797)	4000 K	100 lm/W	2000 lm
52880299	WL140V LED20_34S/827_830_840 PSU WH	(0.3818,0.3797)	4000 K	100 lm/W	3300 lm
53082999	WL140V LED12S/830 PSR MDU WH	(0.4338,0.4030)	3000 K	90 lm/W	1200 lm
53083699	WL140V LED12S/840 PSR MDU WH	(0.3818,0.3797)	4000 K	95 lm/W	1250 lm
53084399	WL140V LED20S/830 PSR MDU WH	(0.4338,0.4030)	3000 K	90 lm/W	2100 lm

## CoreLine Wall-mounted

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Initial luminous flux	Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Initial luminous flux
			Colour Temperature	Initial LED luminaire efficacy					Colour Temperature	Initial LED luminaire efficacy	
53085099	WL140V LED20S/840 PSR MDU WH	(0.3818,0.3797)	4000 K	95 lm/W	2200 lm		PSR MDU WH				
53086799	WL140V LED34S/830 PSR MDU WH	(0.4338,0.4030)	3000 K	98 lm/W	2950 lm	53087499	WL140V LED34S/840 PSR MDU WH	(0.3818,0.3797)	4000 K	103 lm/W	3100 lm

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power	Order Code	Full Product Name	Initial input power
97856300	WL140V LED34S/830 PSED WH	35.5 W	52878999	WL140V LED20S/840 PSU MDU WH	19 W
97857000	WL140V LED34S/840 PSED WH	35.5 W	52879699	WL140V LED12_20S/827_830_840 PSU WH	20 W
52871099	WL140V LED12S/830 PSU WH	12 W	52880299	WL140V LED20_34S/827_830_840 PSU WH	33 W
52872799	WL140V LED12S/840 PSU WH	12 W	53082999	WL140V LED12S/830 PSR MDU WH	12 W
52873499	WL140V LED20S/830 PSU WH	20 W	53083699	WL140V LED12S/840 PSR MDU WH	12 W
52874199	WL140V LED20S/840 PSU WH	20 W	53084399	WL140V LED20S/830 PSR MDU WH	23 W
52875899	WL140V LED34S/830 PSU WH	32 W	53085099	WL140V LED20S/840 PSR MDU WH	23 W
52876599	WL140V LED34S/840 PSU WH	32 W	53086799	WL140V LED34S/830 PSR MDU WH	30 W
52877299	WL140V LED20S/830 PSU MDU WH	19 W	53087499	WL140V LED34S/840 PSR MDU WH	30 W

