



CoreLine Wall-mounted – the clear choice for LED

CoreLine Wall-mounted

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 Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Benefits

- Up to 55% energy savings compared with luminaires with PL-C lamps
- Direct replacement for traditional wall-mounted luminaires
- Complete range covering all application requirements in one product (light levels, IP65, IK10, certified emergency lighting, built-in controls)

Features

- Unobtrusive design
- Three lumen packages replacing traditional wall-mounted luminaires with 1x18 W / 2x18 W / 2x26 W PL-C
- Water- and vandal-proof as standard
- Phase-cut dimming as standard
- Frosted diffuser ensuring homogeneous light effect and visual comfort
- Optional emergency lighting
- Optional on/off movement detection or programmed 100%-10%-0% corridor dimming functionality

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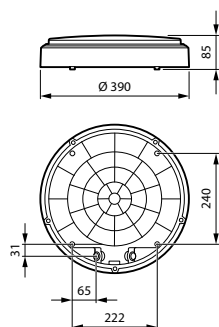
Application

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

Warnings and Safety

- For outdoor operations; wall-mounted applications only and all cables should run indoors with a maximum distance of 10 meters

Dimensional drawing



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

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Product details



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 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

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Product details



General Information	
Driver included	Yes
Number of gear units	1 unit
Light Technical	
Color rendering index (CRI)	>80
Optic type	Symmetrical
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Mechanical and Housing	
Mech. impact protection code	IK10
Ingress protection code	IP65
Approval and Application	
CE mark	Yes
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Order Code	Full Product Name	Light source replaceable
911401848182	WL140V LED12_20S/827_830_840 PSU WH	Yes
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	-
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	-
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	-
911401873987	WL140V 40S/827_830_840 PSED WH	-
911401874087	WL140V 40S/827_830_840 WIA WH	-
910505101539	WL140V LED20S/840 PSED WH	No
910505101542	WL140V LED34S/830 PSED WH	No
911401847382	WL140V LED12S/830 PSU WH	Yes
911401847682	WL140V LED20S/840 PSU WH	Yes
911401851682	WL140V LED12S/840 PSR MDU WH	Yes
911401851882	WL140V LED20S/840 PSR MDU WH	Yes
911401851982	WL140V LED34S/830 PSR MDU WH	Yes

Light Technical (1/2)

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Order Code	Full Product		Beam	Correlated	Luminous
	Name	All-in Type	angle of light source	Color Temperature (Nom)	Efficacy (rated) (Nom)
911401848182	WL140V LED12_20S/ 827_830_840 PSU WH	All-in, Multi Lumen	120 degree(s)	2700 K	100 lm/W
911401873687	WL140V 14_24_40S/ 827_830_840 PSU WH	All-in, Multi Color Temperature	-	2700 K	140 lm/W
911401873787	WL140V 14_24_40S/ 827_830_840 PSU MDU WH	All-in, Multi Color Temperature	-	2700 K	135 lm/W
911401873887	WL140V 14_24_40S/ 827_830_840 PSR MDU WH	All-in, Multi Color Temperature	-	2700 K	135 lm/W
911401873987	WL140V 40S/ 827_830_840 PSED WH	All-in, Multi Color Temperature	-	2700 K	140 lm/W
911401874087	WL140V 40S/ 827_830_840 WIA WH	All-in, Multi Color Temperature	-	2700 K	140 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
911401848182	WL140V LED12_20S/827_830_840 PSU WH	1,200 lm
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	1,400 lm
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	1,400 lm
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	1,400 lm
911401873987	WL140V 40S/827_830_840 PSED WH	4,050 lm
911401874087	WL140V 40S/827_830_840 WIA WH	4,050 lm
910505101539	WL140V LED20S/840 PSED WH	2,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401848182	WL140V LED12_20S/827_830_840 PSU WH	20 W
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	29 W
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	30 W
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	30 W
911401873987	WL140V 40S/827_830_840 PSED WH	29 W
911401874087	WL140V 40S/827_830_840 WIA WH	29 W
910505101539	WL140V LED20S/840 PSED WH	22 W

Controls and Dimming

Order Code	Full Product		Beam	Correlated	Luminous
	Name	All-in Type	angle of light source	Color Temperature (Nom)	Efficacy (rated) (Nom)
910505101539	WL140V LED20S/840 PSED WH	-	120 degree(s)	4000 K	100 lm/W
910505101542	WL140V LED34S/830 PSED WH	-	120 degree(s)	3000 K	94 lm/W
911401847382	WL140V LED12S/830 PSU WH	-	120 degree(s)	3000 K	105 lm/W
911401847682	WL140V LED20S/840 PSU WH	-	120 degree(s)	4000 K	110 lm/W
911401851682	WL140V LED12S/840 PSR MDU WH	-	120 degree(s)	4000 K	95 lm/W
911401851882	WL140V LED20S/840 PSR MDU WH	-	120 degree(s)	4000 K	95 lm/W
911401851982	WL140V LED34S/830 PSR MDU WH	-	120 degree(s)	3000 K	98 lm/W

Order Code	Full Product Name	Luminous Flux
910505101542	WL140V LED34S/830 PSED WH	3,350 lm
911401847382	WL140V LED12S/830 PSU WH	1,275 lm
911401847682	WL140V LED20S/840 PSU WH	2,200 lm
911401851682	WL140V LED12S/840 PSR MDU WH	1,250 lm
911401851882	WL140V LED20S/840 PSR MDU WH	2,200 lm
911401851982	WL140V LED34S/830 PSR MDU WH	2,950 lm

Order Code	Full Product Name	Power Consumption
910505101542	WL140V LED34S/830 PSED WH	35.5 W
911401847382	WL140V LED12S/830 PSU WH	12 W
911401847682	WL140V LED20S/840 PSU WH	20 W
911401851682	WL140V LED12S/840 PSR MDU WH	13 W
911401851882	WL140V LED20S/840 PSR MDU WH	23 W
911401851982	WL140V LED34S/830 PSR MDU WH	30 W

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Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
911401848182	WL140V LED12_20S/827_830_840 PSU WH	No	-	Not applicable
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	No	-	-
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	Yes	-	-
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	Yes	-	-
911401873987	WL140V 40S/827_830_840 PSED WH	Yes	-	-
911401874087	WL140V 40S/827_830_840 WIA WH	Yes	-	-
910505101539	WL140V LED20S/840 PSED WH	Yes	-	1%
910505101542	WL140V LED34S/830 PSED WH	Yes	-	1%

Mechanical and Housing

Order Code	Full Product Name	Housing Color
911401848182	WL140V LED12_20S/827_830_840 PSU WH	White
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	White RAL 9003
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	White RAL 9003
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	White RAL 9003
911401873987	WL140V 40S/827_830_840 PSED WH	White RAL 9003
911401874087	WL140V 40S/827_830_840 WIA WH	White RAL 9003
910505101539	WL140V LED20S/840 PSED WH	White

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Power consumption during Central DC emergency mode
911401848182	WL140V LED12_20S/827_830_840 PSU WH	-	-	-	-
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	No	-	-	-
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	No	-	-	-

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
911401847382	WL140V LED12S/830 PSU WH	No	-	Not applicable
911401847682	WL140V LED20S/840 PSU WH	No	-	Not applicable
911401851682	WL140V LED12S/840 PSR MDU WH	Yes	Programmable movement and light sensor with wireless grouping	10%
911401851882	WL140V LED20S/840 PSR MDU WH	Yes	Programmable movement and light sensor with wireless grouping	10%
911401851982	WL140V LED34S/830 PSR MDU WH	Yes	Programmable movement and light sensor with wireless grouping	10%

Order Code	Full Product Name	Housing Color
910505101542	WL140V LED34S/830 PSED WH	White
911401847382	WL140V LED12S/830 PSU WH	White
911401847682	WL140V LED20S/840 PSU WH	White
911401851682	WL140V LED12S/840 PSR MDU WH	White
911401851882	WL140V LED20S/840 PSR MDU WH	White
911401851982	WL140V LED34S/830 PSR MDU WH	White

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Power consumption during Central DC emergency mode
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	No	-	-	-
911401873987	WL140V 40S/827_830_840 PSED WH	Yes	DC operated central emergency lighting	-	-
911401874087	WL140V 40S/827_830_840 WIA WH	No	-	-	-

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Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Power consumption during Central DC emergency mode
910505101539	WL140V LED20S/840 PSED WH	Yes	DC operated central emergency lighting	350 lm	3 W
910505101542	WL140V LED34S/830 PSED WH	Yes	DC operated central emergency lighting	350 lm	3 W
911401847382	WL140V LED12S/830 PSU WH	-	-	-	-

Order Code	Full Product Name	Central Emergency	Emergency lighting	Emergency flux	Power consumption during Central DC emergency mode
911401847682	WL140V LED20S/840 PSU WH	-	-	-	-
911401851682	WL140V LED12S/840 PSR MDU WH	-	-	-	-
911401851882	WL140V LED20S/840 PSR MDU WH	-	-	-	-
911401851982	WL140V LED34S/830 PSR MDU WH	-	-	-	-

Approval and Application (1/2)

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Flammability mark	Flickering value (PstLM) - Flickering value as per EN 61000-3-3
911401848182	WL140V LED12_20S/ 827_830_840 PSU WH	-20 to +40 °C	ENEC mark	-	1
911401873687	WL140V 14_24_40S/ 827_830_840 PSU WH	-20 to +40 °C	ENEC mark	For mounting on normally flammable surfaces	-
911401873787	WL140V 14_24_40S/ 827_830_840 PSU MDU WH	-20 to +40 °C	ENEC mark	For mounting on normally flammable surfaces	-
911401873887	WL140V 14_24_40S/ 827_830_840 PSR MDU WH	-20 to +40 °C	ENEC mark	For mounting on normally flammable surfaces	-
911401873987	WL140V 40S/ 827_830_840 PSED WH	-20 to +40 °C	ENEC mark	For mounting on normally flammable surfaces	-
911401874087	WL140V 40S/ 827_830_840 WIA WH	-20 to +40 °C	ENEC mark	For mounting on normally flammable surfaces	-

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Flammability mark	Flickering value (PstLM) - Flickering value as per EN 61000-3-3
910505101539	WL140V LED20S/840 PSED WH	0 to +25 °C	-	-	1
910505101542	WL140V LED34S/830 PSED WH	0 to +25 °C	-	-	1
911401847382	WL140V LED12S/830 PSU WH	-20 to +40 °C	ENEC mark	-	1
911401847682	WL140V LED20S/840 PSU WH	-20 to +40 °C	ENEC mark	-	1
911401851682	WL140V LED12S/840 PSR MDU WH	-20 to +40 °C	ENEC mark	-	1
911401851882	WL140V LED20S/840 PSR MDU WH	-20 to +40 °C	ENEC mark	-	1
911401851982	WL140V LED34S/830 PSR MDU WH	-20 to +40 °C	ENEC mark	-	1

Approval and Application (2/2)

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
911401848182	WL140V LED12_20S/827_830_840 PSU WH	1.6
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	0.4
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	0.4
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	0.4
911401873987	WL140V 40S/827_830_840 PSED WH	0.4
911401874087	WL140V 40S/827_830_840 WIA WH	0.4
910505101539	WL140V LED20S/840 PSED WH	1.6

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910505101542	WL140V LED34S/830 PSED WH	1.6
911401847382	WL140V LED12S/830 PSU WH	1.6
911401847682	WL140V LED20S/840 PSU WH	1.6
911401851682	WL140V LED12S/840 PSR MDU WH	1.6
911401851882	WL140V LED20S/840 PSR MDU WH	1.6
911401851982	WL140V LED34S/830 PSR MDU WH	1.6

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401848182	WL140V LED12_20S/827_830_840 PSU WH	(0.3818,0.3797) SDCM <5
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<5
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<5
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<5
911401873987	WL140V 40S/827_830_840 PSED WH	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<5

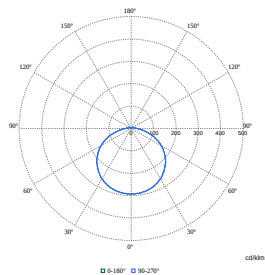
Order Code	Full Product Name	Initial chromaticity
911401874087	WL140V 40S/827_830_840 WIA WH	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<5
910505101539	WL140V LED20S/840 PSED WH	(0.3818,0.3797) SDCM <3
910505101542	WL140V LED34S/830 PSED WH	(0.4338,0.4030) SDCM <3
911401847382	WL140V LED12S/830 PSU WH	(0.4338,0.4030) SDCM <3
911401847682	WL140V LED20S/840 PSU WH	(0.3818,0.3797) SDCM <3
911401851682	WL140V LED12S/840 PSR MDU WH	(0.3818,0.3797) SDCM <3
911401851882	WL140V LED20S/840 PSR MDU WH	(0.3818,0.3797) SDCM <3
911401851982	WL140V LED34S/830 PSR MDU WH	(0.4338,0.4030) SDCM <3

Product Data

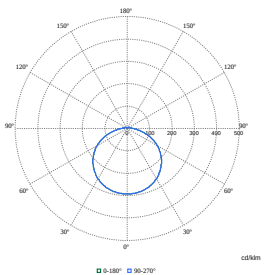
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911401848182	WL140V LED12_20S/827_830_840 PSU WH	-
911401873687	WL140V 14_24_40S/827_830_840 PSU WH	-
911401873787	WL140V 14_24_40S/827_830_840 PSU MDU WH	-
911401873887	WL140V 14_24_40S/827_830_840 PSR MDU WH	-
911401873987	WL140V 40S/827_830_840 PSED WH	-
911401874087	WL140V 40S/827_830_840 WIA WH	-
910505101539	WL140V LED20S/840 PSED WH	WL140V

Order Code	Full Product Name	Product family code
910505101542	WL140V LED34S/830 PSED WH	WL140V
911401847382	WL140V LED12S/830 PSU WH	-
911401847682	WL140V LED20S/840 PSU WH	-
911401851682	WL140V LED12S/840 PSR MDU WH	-
911401851882	WL140V LED20S/840 PSR MDU WH	-
911401851982	WL140V LED34S/830 PSR MDU WH	-

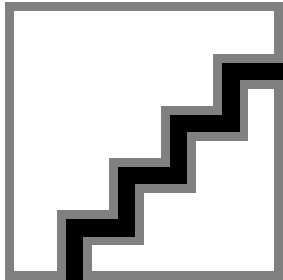
Polar Wide Diagrams



Polar Normal (separate) - WL140VI - 910505101539



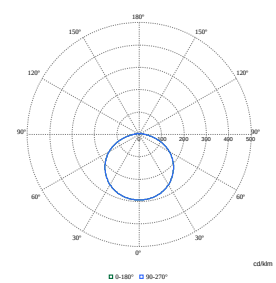
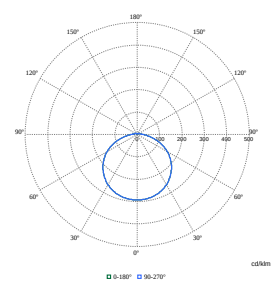
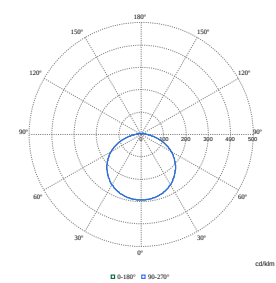
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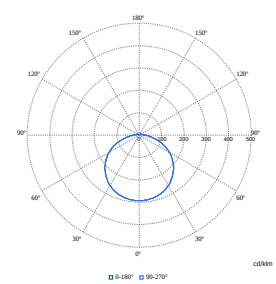
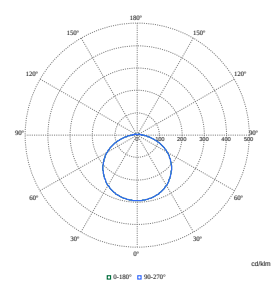
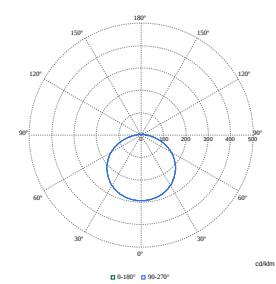
Polar Wide Diagrams



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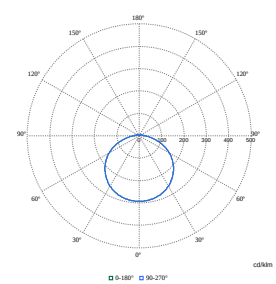
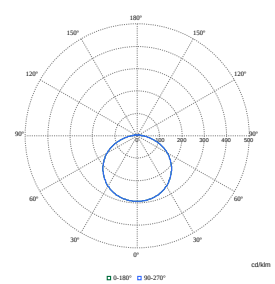
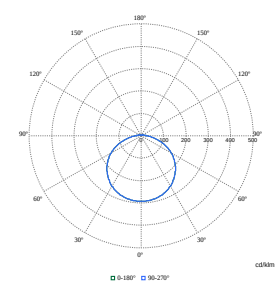
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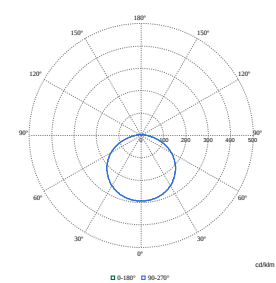
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Polar Normal (separate) - null - 911401851682



Polar Normal (separate) - null - 911401851982

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