



# CoreLine Wallmounted

### WL140V LED20S/840 PSU WH

CoreLine Wall-mounted, 20 W, D390 mm, 2200 lm, 4000 K, IP65

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V is fast and straightforward. This family includes Interact ready luminaires with integrated wireless communications, ready for use with Interact gateways, sensors and software.

#### **Product data**

General Information	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Sustainability rating	-
Light Technical	
Luminous Flux	2,200 lm
Saturated Red (R9)	<50

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Unified glare rating CEN	24
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

Datasheet, 2025, March 14 data subject to change

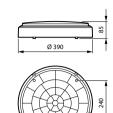
## **CoreLine Wall-mounted**

Average CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction)	- W 14 A 0.007 ms 20 W 0.9
Inrush time Power Consumption Power Factor (Fraction)	0.007 ms 20 W 0.9
Power Consumption Power Factor (Fraction)	20 W 0.9
Power Factor (Fraction)	0.9
C	Duch in connector C note
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	32
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	85 mm
Overall diameter	390 mm
Ingress protection code	IP65 [Dust penetration-protected,
	jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Net Weight (Piece)	1.500 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0
r notobiological fish	@200mm to EN62778

Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Flickering value (PstLM) - Flickering value as per	1
EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3818,0.3797) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam	SDCM≤3
ellipse)	
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	-
median useful life* 35000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	L80
median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	-
median useful life* 75000 h	
Lumen maintenance (EN-IEC 62722-2-1) at	-
median useful life* 100000 h	
Product Data	
Order product name	WL140V LED20S/840 PSU WH
Full product name	WL140V LED20S/840 PSU WH
Full product code	871951452874199
Order code	911401847682
Material Nr. (12NC)	911401847682
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514528741
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514528901

#### **CoreLine Wall-mounted**

#### Dimensional drawing





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