PHILIPS Lighting



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
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s

EU RoHS compliant	Yes
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
Flickering value (PstLM) - Flickering value as per	• 1
EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	1.6
Beam angle of light source	120 degree(s)

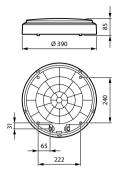
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Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Unified glare rating CEN	24
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14 A
Inrush time	0.007 ms
Power Consumption	20 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	32
Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
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
Approval and Application	
Approval and Application Ingress protection code	IP65 [Dust penetration-protected, jet-
	IP65 [Dust penetration-protected, jet- proof]

Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0
	@200mm to EN62778
Photobiological risk specification	0.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3818,0.3797) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life* 35000 h	-
Lumen maintenance at median useful life*	80
50000 h	80
Lumen maintenance at median useful life*	
75000 h	
Lumen maintenance at median useful life*	-
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
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

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Dimensional drawing





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