PHILIPS Lighting



CoreLine Wallmounted

WL140V LED20S/840 PSR MDU WH

CoreLine Wall-mounted, 23 W, D390 mm, 2200 lm, 4000 K, Sensor-based dim, MDU3, 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)	95 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

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Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	10 A
Inrush time	0.066 ms
Power Consumption	23 W
Power Factor (Fraction)	0.9
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	

Photobiological risk	Photobiological risk group 0 @200mm
	to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as	1
per 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	SDCM≤3
(McAdam 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 PSR MDU WH

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Full product name	WL140V LED20S/840 PSR MDU WH
Full product code	871951453085099
Order code	911401851882
Material Nr. (12NC)	911401851882
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514530850
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514530911

Constant l	light output	

Driver/power unit/transformer

Dimmable

Control interface Sensor-based dim No Maximum dim level 10% Embedded control Programmable movement and light sensor with wireless grouping

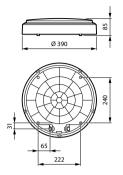
Yes

Power supply unit regulating

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)	1.650 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark

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Dimensional drawing





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