

CoreLine Wall-mounted

WL140V LED34S/840 PSU WH

Power supply unit - Symmetrical - 120° x 120°

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	
Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Control interface	-
Connection	Push-in connector 6-pole
Cable	-
Protection class IEC	Safety class II

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	32
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Unified glare rating CEN	25

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Light technical	
Saturated Red (R9)	<50

Operating and electrical	
Input Voltage	220-240 V
Input 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 Factor (Min)	0.9

Controls and dimming	
Dimmable	No

Mechanical and housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall height	85 mm
Overall diameter	390 mm
Color	White RAL 9003
Dimensions (Height x Width x Depth)	85 x NaN x NaN mm

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Sustainability rating	-

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	3550 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	110 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.3818,0.3797) SDCM <3
Initial input power	32 W
Power consumption tolerance	+/-10%

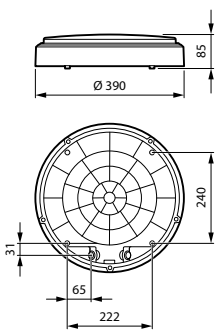
Over time performance (IEC compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 35000 h	-
Lumen maintenance at median useful life* 50000 h	80
Lumen maintenance at median useful life* 75000 h	-
Lumen maintenance at median useful life* 100000 h	-

Application conditions	
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No

Product data	
Full product code	871951452876599
Order product name	WL140V LED34S/840 PSU WH
EAN/UPC - Product	8719514528765
Order code	911401847882
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	911401847882
Net Weight (Piece)	1.890 kg

850°C IP65

Dimensional drawing



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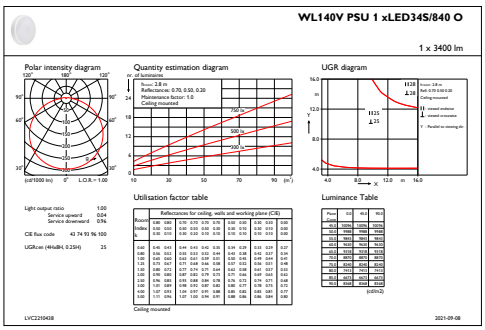
Photometric data



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