



CoreLine Wall-mounted

WL140V LED20S/840 PSED WH

CoreLine Wall-mounted, 22 W, D390 mm, 2200 lm, 4000 K, DALI, IP65, EL-DC

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward

Product data

General Information		Light Technical	
Light source replaceable	No	Luminous Flux	2,200 lm
Number of gear units	Unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Colour Temperature	4000 K
Product family code	WL140V [Coreline Gen3 Wall Luminaire]	Luminous efficacy (rated) (nom.)	100 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	>80
Type of emergency lighting battery	Lithium	Flickering value (PstLM)	1
Value ladder	Performance	Stroboscopic effect	1.6
CE mark	Yes	Beam angle of light source	120 degree(s)
Warranty period	5 years	Light source colour	840 neutral white
Flammability mark	-	Optic type	Symmetrical
ENEC mark	-	Luminaire light beam spread	120° x 120°
Glow-wire test	Temperature 850 °C, duration 30 s	Unified Glare Rating (CEN)	24
EU RoHS compliant	Yes		
		Operating and Electrical	
		Input Voltage	220-240 V

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Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Inrush current	18 A
Inrush time	0.025 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type B	34

Temperature

Ambient temperature range	0 to +25 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC-compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall height	85 mm
Overall diameter	390 mm

Emergency Operation

Emergency flux	350 lm
Emergency Power	3 W

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
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 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	WL140V LED20S/840 PSED WH
Full product name	WL140V LED20S/840 PSED WH
Full EOC	871869997853200
Order code	97853200
Material no. (12 NC)	910505101539
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699978532
Numerator – packs per outer box	1
EAN/UPC - Case	8718699978532

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Dimensional drawing

