



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 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	No	Glow-wire test	Temperature 850 °C, duration 30 s
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver included	Yes	Light Technical	
Product family code	WL140V [Coreline Gen3 Wall Luminaire]	Luminous Flux	2,200 lm
Lighting Technology	LED	Saturated Red (R9)	<50
Type of emergency lighting battery	Lithium	Correlated Color Temperature (Nom)	4000 K
Value ladder	Performance	Luminous Efficacy (rated) (Nom)	100 lm/W
CE mark	Yes	Color rendering index (CRI)	>80
Warranty period	5 years	Flickering value (PstLM)	1
Flammability mark	-	Stroboscopic effect value (SVM)	1.6
ENEC mark	ENEC mark	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
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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	85 mm
Overall diameter	390 mm

Emergency Operation

Emergency flux	350 lm
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Emergency Power	3 W
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Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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	5 %
50000 h	
Lumen maintenance at median useful life*	80
50000 h	

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 product code	871869997853200
Order code	910505101539
Material Nr. (12NC)	910505101539
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

