



CoreLine Wall-mounted

WL140V 40S/827_830_840 PSED WH

CoreLine Wall-mounted, All-in, 29 W, 3600 lm, 4050 lm, 2700 K, 3000 K, 4000 K, DALI, ELR/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

Warnings and Safety

- For outdoor operations; wall-mounted applications only and all cables should run indoors with a maximum distance of 10 metres

Product data

General Information	
Number of gear units	Unit
Driver included	Yes
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	Unclassified
Light Technical	
Luminous Flux	3,600 4,050 lm
Correlated Colour Temperature (Nom)	2700 3000 4000 K
Luminous efficacy (rated) (nom.)	140 125 lm/W

Colour rendering index (CRI)	>80
Light source colour	White
Optic type	Symmetrical
Luminaire light beam spread	120°
All-in Type	All-in, Multi Color Temperature
Sustainability Data	
Product non-virgin material ratio	8.76 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (W) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kWh)

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GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (W) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
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Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Inrush current	9 A
Inrush time	0.022 ms
Power Consumption	29 W
Power Factor (Fraction)	0.9
Connection	2 push-in connectors 3-pole
Cable	-
Number of products on MCB (16 A type B)	32
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

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
DALI standard	DALI-2™

Mechanical and Housing

Housing material	Polycarbonate
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens 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]
Mounting	Ceiling Wall
Net Weight (Piece)	1.400 kg

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting Emergency lighting ready (through compatible battery kit accessory)
Emergency lighting operation mode	Maintained

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.46,0.42) SDCM<3; (0.43,0.40) SDCM<5; (0.38,0.38) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

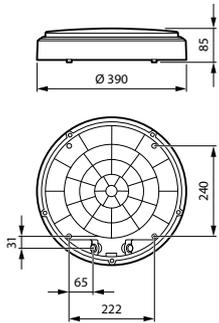
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Product Data

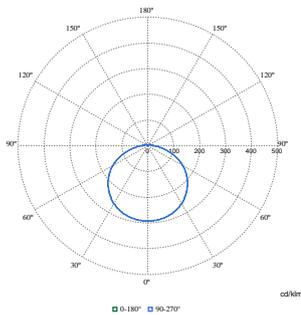
Order product name	WL140V 40S/827_830_840 PSED WH
Full product name	WL140V 40S/827_830_840 PSED WH
Full EOC	872110330716399
Order code	911401873987
Material no. (12 NC)	911401873987
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8721103307163
Numerator – packs per outer box	6
EAN/UPC - Case	8721103307217

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Dimensional drawing



Photometric data



Polar Normal (separate) - null - 911401873987

