



CoreLine Wall-mounted

WL140V 40S/827_830_840 WIA WH

CoreLine Wall-mounted, All-in, 29 W, 3600 lm, 4050 lm, 2700 K, 3000 K, 4000 K, Wireless, Interact Ready, EL-ready

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		Colour rendering index (CRI)	
Number of gear units	Unit		>80
Driver included	Yes	Light source colour	White
Value ladder	Performance	Optic type	Symmetrical
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Luminaire light beam spread	120°
Warranty period	5 years	All-in Type	All-in, Multi Color Temperature
Sustainability rating	Unclassified	Sustainability Data	
		Product non-virgin material ratio	9.06 %
		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)
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		

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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	5 A
Inrush time	0.05 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)	24
Suitable for random switching	No
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Driver
Control interface	Wireless
Constant light output	No
Connectivity	Interact Ready

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)	1.290 kg

Emergency Operation

Central Emergency	No
Emergency lighting	Emergency lighting ready (through compatible battery kit accessory)

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)

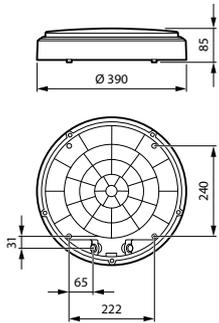
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80

Product Data

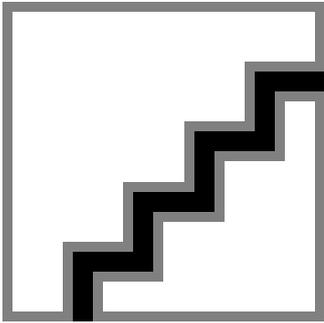
Order product name	WL140V 40S/827_830_840 WIA WH
Full product name	WL140V 40S/827_830_840 WIA WH
Full EOC	872110330717099
Order code	911401874087
Material no. (12 NC)	911401874087
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8721103307170
Numerator – packs per outer box	6
EAN/UPC - Case	8721103307224

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Dimensional drawing



Photometric data



Polar Normal (separate) - null - 911401874087

