



CoreLine Wall-mounted

WL131V LED12S/830 PSED WH

830 warm white - Power supply unit with DALI interface - White

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

General Information		Flammability mark	
Beam angle of light source	120 °	CE mark	NO [-]
Light source colour	830 warm white	ENEC mark	ENEC mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Constant light output	Yes
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]	Number of products on MCB	20
Driver included	Yes	RoHS mark	RoHS mark
Optic type	Opal prismatic reflector	Operating and Electrical	
Optical cover/lens type	OP [Opal bowl with painted cover]	Input voltage	220-240 V
Luminaire light beam spread	120°	Input frequency	50 to 60 Hz
Control interface	DALI	Initial CLO power consumption	13 W
Connection	PI6 [Push-in connector 6-pole]	Average CLO power consumption	13 W
Cable	-	Inrush current	22 A
Protection class IEC	Safety class II (II)	Inrush time	290 ms
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]		

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Power factor (min.)	0.8
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Polyamide
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall height	95 mm
Overall diameter	350 mm
Colour	White

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	1200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	80
Initial chromaticity	(0.4440, 0.4111)
Initial input power	13 W

Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

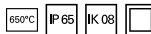
Control gear failure rate at median useful life	5 %
50000 h	
Median useful life L70B50	50000 h
Median useful life L80B50	38000 h
Median useful life L90B50	18000 h
Lumen maintenance at median useful life*	L70
50000 h	

Application Conditions

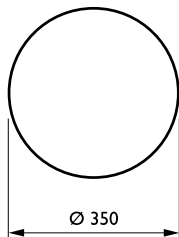
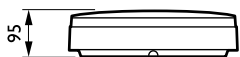
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

Product Data

Full product code	871869938792199
Order product name	WL131V LED12S/830 PSED WH
EAN/UPC – product	8718699387921
Order code	38792199
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	912401483196
Net weight (piece)	2.050 kg



Dimensional drawing



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