Ledinaire Wall-mounted WL070V

WL070V LED11S/840 PSU II WH

Ledinaire Wall-mounted WL070V, 11 W, D285 mm, 1100 lm, 4000 K, IP65

Public spaces and circulation areas demand the most reliable lighting solutions - especially parking garages, offices, entrances, hallways, corridors, and staircases. With Philips Ledinaire, you get superb reliability and more. This popular range features a selection of essential LED luminaires that you can choose off the shelf. Like our modern, Ledinaire wall-mounted WL070V model that's suitable for a wide range of general lighting applications. And just like the rest of the Ledinaire range, it's designed with Philips high quality standards at a very competitive price. An affordable, reliable, and energy-efficient choice for wall mounting, from the leading name in LED. Besides, its MultiLumen and MultiColorTemp feature offers a choice of two lumen packages and three color temperatures in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock.

Warnings and Safety
- The Ledinaire wall-mounted WL070V model can be operated outdoors, but only when all its cables are run inside a building, with a maximum distance of 10 meters.
- For MDU (Motion Detection Unit) versions:
- Sensor coverage may vary between indoor and outdoor applications.
- Strong wind and rain may trigger the sensor if there are no surroundings such as walls, roof etc.
- Any vibration or movement may trigger the sensor. Ensure the sensor is at a suitable distance from any such continuous signal.

Product data

Ledinaire Wall-mounted WL070V

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	–
Glow-wire test	Temperature 850 ℃, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	1,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	11 W
Average CLO power consumption	– W
Inrush current	20 A
Inrush time	0.04 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	–
Number of products on MCB of 16 A type B	35

Temperature

Ambient temperature range	–20 to +40 ℃

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall height	64 mm
Overall diameter	285 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	–
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.3818, 0.3797)SDCM ≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	2.5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	WL070V LED11S/840 PSU II WH
Full product name	WL070V LED11S/840 PSU II WH
Full product code	871951452267199
Order code	911401826482
Material Nr. (12NC)	911401826482
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514522671
Numerator – Packs per outer box	6
EAN/UPC – Case	8719514522732

Ledinaire Wall-mounted WL070V

Dimensional drawing

Ø 4.5

285

64

173

87

150

www.lighting.philips.com

2024, March 21 – data subject to change