Ledinaire Wall-mounted WL070V

WL070V LED17S/830 PSU MDU II WH

– Power supply unit (ON/OFF) – Symmetrical – 120° x 120°

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.

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

General Information		Value ladder	Value
Light source replaceable	No	Embedded control	Programmable movement and light sensor
Number of gear units	1 unit		
Driver included	Yes		
Lighting Technology	LED		

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Light Technical

Luminous Flux	1,700 lumen
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Beam angle of light source	120 degree(s)
Light source color	830 warm 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
Input Frequency	50 or 60 Hz
Initial CLO power consumption	19 W
Average CLO power consumption	– W
Power Consumption	19 W
Inrush current	7.3 A
Inrush time	0.14 ms
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 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	Sensor-based dim
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover/lens 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
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	–
Warranty period	3 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

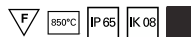|	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.4338, 0.4030)SDCM ≤5
Power consumption tolerance	+/-10%

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 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871951452270199
Order product name	WL070V LED17S/830 PSU MDU II WH
Order code	911401826782
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material number (12NC)	911401826782
Full product name	WL070V LED17S/830 PSU MDU II WH
EAN/UPC – Case	8719514522763

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Dimensional drawing

www.lighting.philips.com

2023, May 22 – data subject to change