



# Ledinaire Wallmounted WL070V

## WL070V LED17S/840 PSU MDU II WH

Ledinaire Wall-mounted WL070V, 19 W, D285 mm, 1700 lm, 4000 K, Sensor-based dim, MDU2, 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**

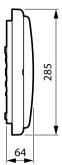
Datasheet, 2023, November 15 data subject to change

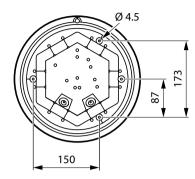
## **Ledinaire Wall-mounted WL070V**

General Information		Mechanical and Housing	
Light source replaceable	No	Housing Material	Polycarbonate
Number of gear units	1 unit	Reflector material	-
Driver included	Yes	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Value	Fixation material	_
Embedded control	Programmable movement and light	Housing Color	White
	sensor	Optical cover finish	Opal
CE mark	Yes	Overall height	64 mm
Warranty period	3 years	Overall diameter	285 mm
Flammability mark	For mounting on normally flammable		
	surfaces	Approval and Application	
ENEC mark		Ingress protection code	IP65 [Dust penetration-protected, jet-
Glow-wire test	Temperature 850 °C, duration 30 s		proof]
EU RoHS compliant	Yes	Mech. impact protection code	IK08 [5 J vandal-protected]
		Sustainability rating	-
Light Technical		Protection class IEC	Safety class II
Luminous Flux	1,700 lm	Photobiological risk	Photobiological risk group 0 @200mm t
Correlated Color Temperature (Nom)	4000 K		EN62778
Luminous Efficacy (rated) (Nom)	85 lm/W		
Color rendering index (CRI)	>80	Initial Performance (IEC Compliant)	
Flickering value (PstLM)	1	Luminous flux tolerance	+/-10%
Stroboscopic effect value (SVM)	1.6	Initial chromaticity	(0.3818, 0.3797)SDCM ≤5
Beam angle of light source	120 degree(s)	Power consumption tolerance	+/-10%
Light source color	840 neutral white		
Optic type	Symmetrical	Over Time Performance (IEC Complian	t)
Luminaire light beam spread	120° x 120°	Control gear failure rate at median useful life	2.5 %
Unified glare rating CEN	25	50000 h	
		Lumen maintenance at median useful life*	L70
Operating and Electrical		50000 h	
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz	<b>Application Conditions</b>	
Initial CLO power consumption	19 W	Performance ambient temperature Tq	25 °C
Average CLO power consumption	- W	Maximum dim level	Not applicable
Inrush current	7.3 A	Suitable for random switching	Yes (relates to presence/ movement
Inrush time	0.14 ms		detection and daylight harvesting)
Power Consumption	19 W		
Power Factor (Fraction)	0.9	Product Data	
Connection	Push-in connector 3-pole	Order product name	WL070V LED17S/840 PSU MDU II WH
Cable	-	Full product name	WL070V LED17S/840 PSU MDU II WH
Number of products on MCB of 16 A type B	35	Full product code	871951452271899
		Order code	911401826882
Temperature		Material Nr. (12NC)	911401826882
Ambient temperature range	-20 to +40 °C	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8719514522718
Controls and Dimming		Numerator - Packs per outer box	6
Dimmable	No	EAN/UPC - Case	8719514522770
Driver/power unit/transformer	Power supply unit (On/Off)		
Control interface	Sensor-based dim		
Control interface  Constant light output	Sensor-based dim No		

## **Ledinaire Wall-mounted WL070V**

### Dimensional drawing







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