



# Ledinaire Wallmounted WL070V

## WL070V LED17S/830 PSU MDU II WH

Ledinaire Wall-mounted WL070V, 19 W, D285 mm, 1700 lm, 3000 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**

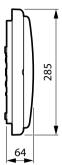
Datasheet, 2024, March 21 data subject to change

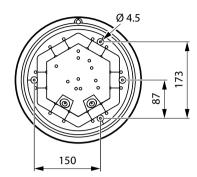
## Ledinaire Wall-mounted WL070V

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
Correlated Color Temperature (Nom)	3000 K		to EN62778
Luminous Efficacy (rated) (Nom)	85 lm/W		
Color rendering index (CRI)	>80	Initial Performance (IEC Compliant)	
Flickering value (PstLM) - Flickering value as	1	Luminous flux tolerance	+/-10%
per EN 61000-3-3		Initial chromaticity	(0.4338, 0.4030)SDCM ≤5
Stroboscopic effect visibility measure (SVM)	1.6	Power consumption tolerance	+/-10%
Beam angle of light source	120 degree(s)		
Light source color	830 warm white	Over Time Performance (IEC Compliant	r)
Optic type	Symmetrical	Control gear failure rate at median useful life	2.5 %
Luminaire light beam spread	120° x 120°	50000 h	
Unified glare rating CEN	25	Lumen maintenance at median useful life*	L70
		50000 h	
Operating and Electrical			
Input Voltage	220 to 240 V	Application Conditions	
Line Frequency	50 or 60 Hz	Performance ambient temperature Tq	25 ℃
Initial CLO power consumption	19 W	Maximum dim level	Not applicable
Average CLO power consumption	- W	Suitable for random switching	Yes (relates to presence/ movement
Inrush current	7.3 A		detection and daylight harvesting)
Inrush time	0.14 ms		
Power Consumption	19 W	Product Data	
Power Factor (Fraction)	0.9	Order product name	WL070V LED17S/830 PSU MDU II WH
Connection	Push-in connector 3-pole	Full product name	WL070V LED17S/830 PSU MDU II WH
Cable	-	Full product code	871951452270199
Number of products on MCB of 16 A type B	35	Order code	911401826782
		Material Nr. (12NC)	911401826782
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	-20 to +40 °C	EAN/UPC - Product/Case	8719514522701
		Numerator - Packs per outer box	6
Controls and Dimming		EAN/UPC - Case	8719514522763
Dimmable	No		
Driver/power unit/transformer	Power supply unit (On/Off)		
Control interface	Sensor-based dim		
Constant light output	No		

## **Ledinaire Wall-mounted WL070V**

### Dimensional drawing







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