PHILIPS

WL055V LED6S/840 PSR MDU WH

911401850580



Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 630 lm, 4000 K, Sensor-based dim, MDU2, IP65

374x150 mm, Polycarbonate, White, Power supply unit regulating, Programmable movement and light sensor, 630 lm, 6 W, 105 lm/W, 4000 K, SDCM≤5, Beam angle 110°, Opal, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class II, Push-in connector 3-pole

Warnings and Safety

- 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 far from any such continuous signal.

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	No
Lighting Technology	LED
Value ladder	Value
Warranty period	5 years

Light Technical

Luminous Flux	630 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	110 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 110°
Luminaire light beam spread	110°
Unified glare rating CEN	25

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	4 A
Inrush time	0.02 ms
Power Consumption	6 W
Power Factor (Fraction)	0.82
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	140
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Maximum dim level	20%
Embedded control	Programmable movement and light sensor

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	374 mm
Overall width	150 mm
Overall height	82 mm
Dimensions (Height x Width x Depth)	82 x 150 x 374 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	0.750 kg

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	*-Per Lighting Europe guidance paper “Evaluating performance of LED based luminaires - January 2018”: statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

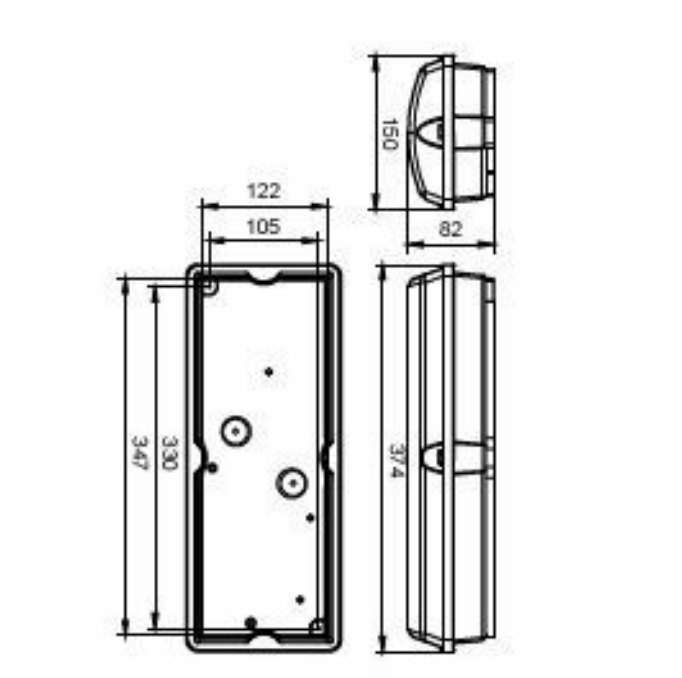
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	10.3 kg CO_2e
Product non-virgin material ratio	7.13 %
Recyclable content ratio of the finished product	50.8 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	WL055V LED6S/840 PSR MDU WH
Full product name	WL055V LED6S/840 PSR MDU WH
Full product code	871016335064699
Order code	911401850580
Material Nr. (12NC)	911401850580
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163350646
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163350653

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-Square-Wall-mounted-WL055V-LED6S840-PSR-MDU-WH-911401850580.pdf	Download
Installation Instructions	Ledinaire_wall-mounted_WL055V_installation_instructions.pdf	Download

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