PHILIPS

WL060V LED17S/830 PSU MDU II WH

911401883284

Ledinaire Wall-mounted WL060V, 19 W, D345 mm, 1700 lm, 3000 K, Sensor-based dim, MDU2, IP44

D345 mm, Polycarbonate, White, Signal white (RAL9003), Power supply unit (On/Off), Programmable movement and light sensor, 1700 lm, 19 W, 89 lm/W, 3000 K, (0.43, 0.40) SDCM≤3, Beam angle 120°, Opal, Acrylate, IP44 | Wire-protected, splash-proof, IK03 | 0.3 J, Safety class II, Push-in connector 2-pole

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	1,700 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	89 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	830 warm white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	22

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	13 A
Inrush time	0.0022 ms
Power Consumption	19 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	35
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 (On/Off)
Control interface	Sensor-based dim
Constant light output	No
Maximum dim level	Not applicable
Embedded control	Programmable movement and light sensor

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Acrylate
Optic material	Acrylate
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	97 mm
Overall diameter	345 mm
Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	0.640 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

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* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

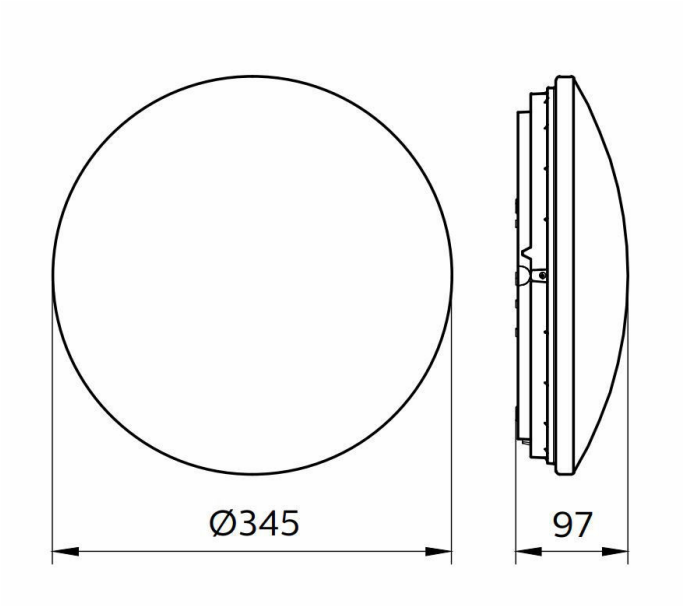
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	14.9 kg CO_2e
Product non-virgin material ratio	12.7 %
Recyclable content ratio of the finished product	61.5 %
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	WL060V LED17S/830 PSU MDU II WH
Full product name	WL060V LED17S/830 PSU MDU II WH
Full product code	871951495990399
Order code	911401883284
Material Nr. (12NC)	911401883284
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514959903
Numerator - Packs per outer box	5
EAN/UPC - Case	8719514959927

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Ledinaire_WM_WL060V_Installation_Instructions.pdf	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-Wall-mounted-WL060V-LED17S-830-PSU-MDU-II-WH-911401883284.pdf	Download

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