PHILIPS

WL200V 5_8_14_18S/ 830_840 PSR MDU D220

911401853888



Multi ColorTemp | Multi Lumen

CoreLine Slim Wall-mounted, All-in, 13 W, D220 mm, 500 lm, 1800 lm, 3000 K, 4000 K, Sensor-based dim, IP54

D220 mm, Polycarbonate, White, Wall, Power supply unit regulating, Movement detection unit, All-in, Multi Lumen, All-in, Multi Color Temperature, 500 lm, 1800 lm, 13 W, 140 lm/W, 104 lm/W, 3000 K, 4000 K, (0.43,0.40);(0.38,0.38) SDCM<3, Symmetrical, Opal, Polycarbonate, IP54 | Dust accumulation-protected, splash-proof, IK08 | 6 J, Safety class II, 2 Push-in connector 3-pole

General Information

Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	500 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
Light source color	Multi Color Temperature
Optic type	Symmetrical
Luminaire light beam spread	115°
All-in Type	All-in, Multi Lumen

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16.5 A
Inrush time	0.275 ms
Power Consumption	13 W
Power Factor (Fraction)	0.90
Connection	2 Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	21
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No
Embedded control	Movement detection unit

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall height	57 mm
Overall diameter	220 mm
Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK08 [6 J]
Mounting	Wall
Net Weight (Piece)	0.610 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	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.43,0.40);(0.38,0.38) SDCM<3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

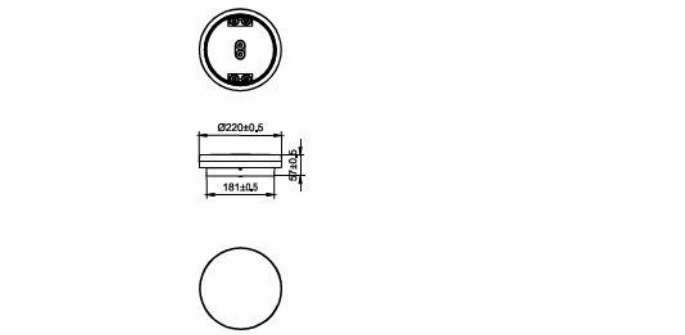
Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	6.51 kg CO_2e
Product non-virgin material ratio	5.22 %
Recyclable content ratio of the finished product	6.25 %
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

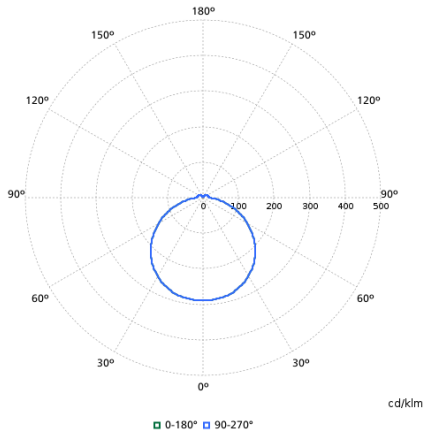
Product Data

Order product name	WL200V 5_8_14_18S/830_840 PSR MDU D220
Full product name	WL200V 5_8_14_18S/830_840 PSR MDU D220
Full product code	872110333923299
Order code	911401853888
Material Nr. (12NC)	911401853888
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103339232
Numerator - Packs per outer box	8
EAN/UPC - Case	8721103339324

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	Installation-Instructions-CoreLine-Slim-Wall-mounted-WL200V.pdf	Download
Environmental Product Declaration	EPD-HUB-EPD-PHILIPS-CoreLine-slim-wall-mounted-WL200V-Ref-911401853588.pdf	Download
Tender text	Tender_Text_911401853888_en_AA.txt	Download

Photometry and lighting design	Document Name	Download
IES File	wl200v-5-8-14-18s-830-840-psr-mdu-d220-911401853888.ies	Download
LDT File	wl200v-5-8-14-18s-830-840-psr-mdu-d220-911401853888.ldt	Download
ROLF File	wl200v-5-8-14-18s-830-840-psr-mdu-d220-911401853888.rolfz	Download
ULD File	wl200v-5-8-14-18s-830-840-psr-mdu-d220-911401853888.uld	Download

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