PHILIPS

SM065C 41S/840 PSU W60L60 OC

911401892085

Ledinaire surface-mounted SM065C, 34 W, 4100 lm, 4000 K, UGR19

Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 4100 lm, 34 W, 120 lm/W, 4000 K, (0.38, 0.38) SDCM ≤5, UGR19, Beam angle 90°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected;Wire-protected, IK02 | 0.2 J standard, Safety class II, 2×0.75mm², Flying leads/wires

General Information

Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Luminous Flux	4,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	17.8 A
Inrush time	0.287 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	2×0.75mm²
Number of products on MCB of 16 A type B	20
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	595 mm
Overall width	595 mm
Overall height	40 mm
Dimensions (Height x Width x Depth)	40 x 595 x 595 mm
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.500 kg

Emergency Operation

Central Emergency	No

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
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM ≤5
Power consumption tolerance	+/-10%

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	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

Sustainability Data

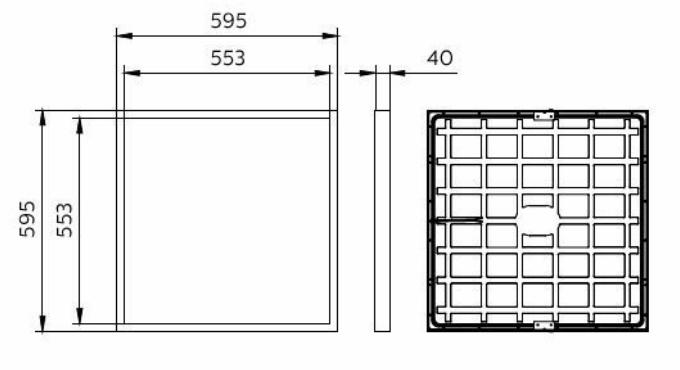
Repair class	Repair Class D, this product is not designed to be repaired.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	SM065C 41S/840 PSU W60L60 OC
Full product name	SM065C 41S/840 PSU W60L60 OC
Full product code	872016973684999
Order code	911401892085

Material Nr. (12NC)	911401892085
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736849
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736887

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	MI-SM065C-Ledinaire-surface-mounted-2024.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	SM065C-41S-PSU-W60L60-OC-1xLED.ies	Download

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