



# Ledinaire surface-mounted SM065C

## SM065C 41S/840 PSU W60L60 OC 4PK

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

The Philips Ledinaire surface-mounted (SM065C) range features a selection of popular off-the-shelf LED luminaires that offer Philips high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm Ledinaire LED surface-mounted lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications—just what you need.

### Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit		19
Driver included	Yes	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Sustainability rating	-	Initial CLO power consumption	- W W
		Average CLO power consumption	- W W
Light Technical		Inrush current	17.8 A
Luminous Flux	4,100 lm	Inrush time	0.287 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	34 W
Luminous Efficacy (rated) (Nom)	120 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	>80	Connection	Flying leads/wires
Beam angle of light source	90 degree(s)	Cable	2×0.75mm <sup>2</sup>
Light source color	840 neutral white	Number of products on MCB of 16 A type B	20
Optic type	Beam angle 90°	Suitable for random switching	Not applicable
Luminaire light beam spread	90°	Protection class IEC	Safety class II

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Total harmonic distortion	20 %
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
<b>Mechanical and Housing</b>	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Diamond
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)	1.850 kg
<b>Emergency Operation</b>	
Central Emergency	No
<b>Approval and Application</b>	
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%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

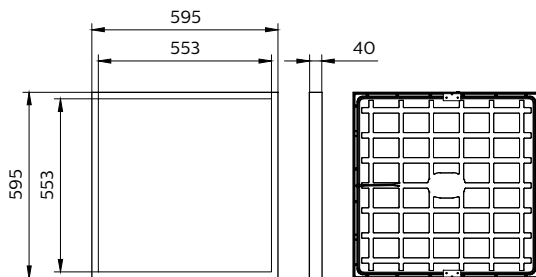
### Over Time Performance (IEC Compliant)

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

### Product Data

Order product name	SM065C 41S/840 PSU W60L60 OC 4PK
Full product name	SM065C 41S/840 PSU W60L60 OC 4PK
Full product code	872016973690099
Order code	911401892285
Material Nr. (12NC)	911401892285
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169736900
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169736900

## Dimensional drawing



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