



Ledinaire surface-mounted SM065C

SM065C 41S/840 PSU W60L60 NOC 4PK

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

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.

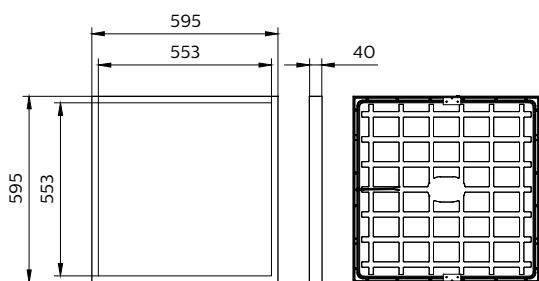
Product data

General Information		Unified glare rating CEN	22
Number of gear units	1 unit		
Driver included	Yes		
Value ladder	Value		
Warranty period	3 years		
Sustainability rating	-		
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	120 degree(s)		
Light source color	840 neutral white		
Optic type	Beam angle 120°		
Luminaire light beam spread	120°		
Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		
Initial CLO power consumption	- W		
Average CLO power consumption	- 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	2×0.75mm ²		
Number of products on MCB of 16 A type B	20		
Suitable for random switching	Not applicable		
Protection class IEC	Safety class II		

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Total harmonic distortion	20 %	Photobiological risk specification	0.2 m
Controls and Dimming		EU RoHS compliant	Yes
Dimmable	No	Performance ambient temperature Tq	25 °C
Driver/power unit/transformer	Power supply unit external (On/Off)	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Control interface	-	Ambient temperature range	-10 to +35 °C
Constant light output	No		
Maximum dim level	Not applicable		
Mechanical and Housing		Initial Performance (IEC Compliant)	
Housing Material	Steel	Luminous flux tolerance	-10% / +10%
Reflector material	Acrylate	Initial chromaticity	(0.38, 0.38) SDCM ≤5
Optic material	Polystyrene	Power consumption tolerance	+/-10%
Optical cover material	Acrylate	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5
Fixation material	-		
Housing Color	White	Over Time Performance (IEC Compliant)	
Optical cover finish	Opal	Control gear failure rate at median useful life	7.5 %
Overall length	595 mm	50000 h	
Overall width	595 mm	Lumen maintenance at median useful life*	L80
Overall height	40 mm	50000 h	
Dimensions (Height x Width x Depth)	40 x 595 x 595 mm	Lumen maintenance at median useful life*	L70
Ingress protection code	IP20/40 [Finger-protected; Wire-protected]	75000 h	
Mech. impact protection code	IK02 [0.2 J standard]		
Net Weight (Piece)	1.600 kg	Product Data	
Emergency Operation		Order product name	SM065C 41S/840 PSU W60L60 NOC 4PK
Central Emergency	No	Full product name	SM065C 41S/840 PSU W60L60 NOC 4PK
Approval and Application		Full product code	872016973691799
Glow-wire test	Temperature 650 °C, duration 30 s	Order code	911401892385
Flammability mark	For mounting on normally flammable surfaces	Material Nr. (12NC)	911401892385
CE mark	Yes	Numerator - Quantity Per Pack	1
ENEC mark	-	EAN/UPC - Product/Case	8720169736917
Photobiological risk	Photobiological risk group 0 @200mm to EN62778	Numerator - Packs per outer box	4
		EAN/UPC - Case	8720169736917

Dimensional drawing



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2024, September 26 - data subject to change