



Ledinaire surface-mounted SM065C

SM065C 41S/840 PSU W60L60 NOC

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		Total harmonic distortion	20 %
Number of gear units	1 unit		
Driver included	Yes		
Value ladder	Value		
Light Technical			
Luminous Flux	4,100 lm		
Luminous Efficacy (rated) (Nom)	120 lm/W		
Correlated Color Temperature (Nom)	4000 K		
Color rendering index (CRI)	>80		
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1		
Beam angle of light source	120 degree(s)		
Light source color	840 neutral white		
Optic type	Beam angle 120°		
Luminaire light beam spread	120°		
Unified glare rating CEN	22		
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	2x0.75mm ²		
Number of products on MCB of 16 A type B	20		

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Temperature		Photobiological risk specification	0.2 m
Ambient temperature range		EU RoHS compliant	Yes
Controls and Dimming			
Dimmable	No	Initial Performance (IEC Compliant)	
Driver/power unit/transformer	Power supply unit external (On/Off)	Luminous flux tolerance	-10% / +10%
Control interface	-	Initial chromaticity	(0.38, 0.38) SDCM ≤5
Constant light output	No	Power consumption tolerance	+/-10%
Mechanical and Housing			
Housing Material	Steel	Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5
Reflector material	Acrylate	Over Time Performance (IEC Compliant)	
Optic material	Polystyrene	Control gear failure rate at median useful life	7.5 %
Optical cover material	Acrylate	50000 h	
Fixation material	-	Lumen maintenance at median useful life*	L80
Housing Color	White	50000 h	
Optical cover finish	Opal	Lumen maintenance at median useful life*	L70
Overall length	595 mm	75000 h	
Overall width	595 mm	Application Conditions	
Overall height	40 mm	Performance ambient temperature Tq	25 °C
Dimensions (Height x Width x Depth)	40 x 595 x 595 mm	Maximum dim level	Not applicable
Emergency Operation			
Central Emergency	No	Suitable for random switching	Not applicable
Approval and Application			
Ingress protection code	IP20/40 [Finger-protected; Wire-protected]	Order product name	SM065C 41S/840 PSU W60L60 NOC
Mech. impact protection code	IK02 [0.2 J standard]	Full product name	SM065C 41S/840 PSU W60L60 NOC
Sustainability rating	-	Full product code	872016973685699
Protection class IEC	Safety class II	Order code	911401892185
Glow-wire test	Temperature 650 °C, duration 30 s	Material Nr. (12NC)	911401892185
Flammability mark	For mounting on normally flammable surfaces	Numerator - Quantity Per Pack	1
CE mark	CE mark	Net Weight (Piece)	1.600 kg
ENEC mark	-	EAN/UPC - Product/Case	8720169736856
Warranty period	3 years	Numerator - Packs per outer box	4
Photobiological risk	Photobiological risk group 0 @200mm to EN62778	EAN/UPC - Case	8720169736894

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Dimensional drawing

