



Ledinaire surface-mounted

SM060C LED34S/840 PSU W20L120 OC

Ledinaire surface-mounted, 34 W, 1200x200 mm, 3400 lm, 4000 K, UGR19

The Philips Ledinaire surface-mounted (SM060C) is a range of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, energy efficient and affordable, Ledinaire surface-mounted luminaires are designed for diffuse, comfortable lighting in a wide range of general lighting applications – just what you need.

Product data

General Information		Optic type	
Light source replaceable	No	Luminaire light beam spread	90°
Number of gear units	1 unit	Unified glare rating CEN	19
Driver included	Yes	Operating and Electrical	
Lighting Technology	LED	Input Voltage	220-240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	3 years	Inrush current	10.8 A
Sustainability rating	-	Inrush time	0.036 ms
Light Technical		Power Consumption	34 W
Luminous Flux	3,400 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Push-in connector 3-pole
Luminous Efficacy (rated) (Nom)	100 lm/W	Cable	-
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	24
Beam angle of light source	80 degree(s)	Suitable for random switching	Yes
Light source color	840 neutral white	Protection class IEC	Safety class I

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Total harmonic distortion	20 %
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Acrylate and polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover finish	Opal
Overall length	1,200 mm
Overall width	200 mm
Overall height	53 mm
Dimensions (Height x Width x Depth)	53 x 200 x 1200 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	3.290 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	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1

Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-50%
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

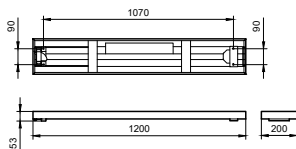
Driver failure rate at 5000 h	0.005 %
Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L75
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L65

Product Data

Order product name	SM060C LED34S/840 PSU W20L120 OC
Full product name	SM060C LED34S/840 PSU W20L120 OC
Full product code	871016335039400
Order code	911401842280
Material Nr. (12NC)	911401842280
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163350394
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163350394

Dimensional drawing

SM060



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