



# Ledinaire surface-mounted

## SM060C LED40S/840 PSU W20L120 NOC

Ledinaire surface-mounted, 40 W, 1200x200 mm, 4000 lm, 4000 K

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	Beam angle	110°
Number of gear units	1 unit	Luminaire light beam spread	110°
Driver included	Yes	Unified glare rating CEN	25
Lighting Technology	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220-240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Sustainability rating	-	Inrush current	9.68 A
		Inrush time	0.075 ms
		Power Consumption	40 W
		Power Factor (Fraction)	0.9
		Connection	Push-in connector 3-pole
		Cable	-
		Number of products on MCB of 16 A type B	24
		Suitable for random switching	Yes
		Protection class IEC	Safety class I
Light Technical			
Luminous Flux	4,000 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	100 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	110 degree(s)		
Light source color	840 neutral white		

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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	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
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)	2.750 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	+/-10%
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

### Over Time Performance (IEC Compliant)

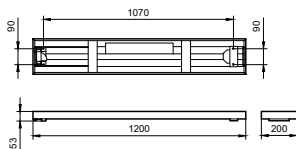
Driver failure rate at 5000 h	0.005 %
Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L75
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L65

### Product Data

Order product name	SM060C LED40S/840 PSU W20L120 NOC
Full product name	SM060C LED40S/840 PSU W20L120 NOC
Full product code	871016335041700
Order code	911401842480
Material Nr. (12NC)	911401842480
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163350417
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163350417

## Dimensional drawing

SM060



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