



# Ledinaire surface-mounted

## SM060C LED32S/840 PSU W20L120

Ledinaire surface-mounted, 36 W, 1200x200 mm, 3200 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 for a wide range of general lighting applications – just what you need.

### Product data

General Information	
Lamp family code	LED32S [LED Module, system flux 3200 lm]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Lighting Technology	LED

Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Optical cover type	Acrylic bowl/cover frosted

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Luminaire light beam spread	108°
Unified Glare Rating (CEN)	22

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	7 ms
Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C
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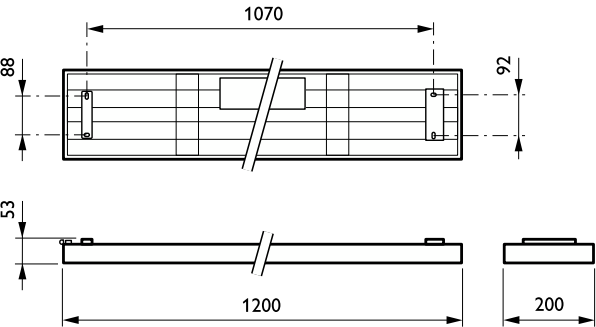
Controls and Dimming

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

Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens 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

Dimensional drawing



Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L65

Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	SM060C LED32S/840 PSU W20L120
Full product name	SM060C LED32S/840 PSU W20L120
Full EOC	871869606962200
Order code	06962200
Material no. (12 NC)	910503910206
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696069622
Numerator – packs per outer box	1
EAN/UPC - Case	8718696069622

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