



Ledinaire surface-mounted

SM060C LED32S/830 PSU W20L120

Ledinaire surface-mounted, 36 W, 1200x200 mm, 3200 lm, 3000 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		Light Technical	
Lamp family code	LED32S [LED Module, system flux 3200 lm]	Luminous Flux	3,200 lm
Cap-Base	- [-]	Correlated Color Temperature (Nom)	3000 K
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	89 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	≥80
Gear	-	Number of light sources	1
Driver included	Yes	Light source color	830 warm white
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Optic type	-
Lighting Technology	LED	Optical cover type	Acrylic bowl/cover frosted
Value ladder	Value		
		CE mark	Yes
		Warranty period	3 years
		Flammability mark	-
		ENEC mark	-
		Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes

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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 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

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	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance at median useful life* L65	50000 h

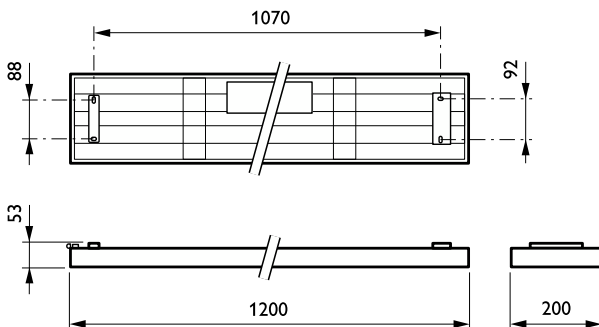
Application Conditions

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

Product Data

Order product name	SM060C LED32S/830 PSU W20L120
Full product name	SM060C LED32S/830 PSU W20L120
Full product code	871869606963900
Order code	910503910207
Material Nr. (12NC)	910503910207
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696069639
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696069639

Dimensional drawing



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