



Ledinaire Surfacemounted – Simply great LED

Ledinaire Surface-mounted SM060C

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

Benefits

- · Philips quality and reliability
- · Energy saving
- · Diffuse comfortable light

Features

- · Recessed and surface mounted versions
- Modern, unobtrusive design

Application

- · Offices (not screen work)
- · Classrooms (not screen work)
- · Corridors and circulation areas

Specifications

Туре	SM060C	
Light source	Non-replaceable and non-serviceable LED module	
Power	36 W	
Beam angle	2 x 54° = 108°	
Luminous flux	3200 lm	

Correlated Color	3000 K (Warm white)
Temperature	4000 K (Neutral white)
Color Rendering Index	> 80
Median useful life L70B50	30,000 hours
Median useful life L80B50	15,000 hours
Median useful life L90B50	10,000 hours

Product family leaflet, 2018, May 10 data subject to change

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Average ambient	+25 °C
temperature	
Operating temperature	+10 to +40 °C
range	
Driver	Built-in, non-replaceable and non-serviceable LED driver
Mains voltage	220-240 V / 50-60 Hz
Dimming	Not dimmable
Material	Painted steel
Color	White (RAL9003)

Optical cover	PMMA diffuser		
Connection	Push-in connector with pull relief		
Maintenance	No internal cleaning required		
	Light source and driver are non-serviceable		
Installation	Ceiling-mounted by two mounting brackets and plastic suspenders		
	between brackets and luminaire		
	Through-wiring not possible		
	Installation without removing lamp and cover		
Remarks	Not released for emergency lighting		

Versions



LEDINAIRE SURFACE-MOUNTED SM060C - LED Module, system flux 3200 lm

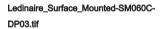
Product details



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Ledinaire_Surface_Mounted-SM060C-DP02.tif





Ledinaire_Surface_Mounted-SM060C-DP04.tif



Ledinaire Surface-mounted SM060C

Application Conditions	
Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	No
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220-240 V
General Information	
Beam angle of light source	- °
Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class I
Optical cover/lens type	Acrylic bowl/cover
	frosted
Driver included	Yes
ENEC mark	-
Flammability mark	-
Gear	-
Glow-wire test	Temperature 650
	°C, duration 30 s
Lamp family code	LED32S
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1 pc
Optic type	-
UL mark	-
Initial Performance (IEC Complia	ant)
Init. Color Rendering Index	≥80
Initial LED luminaire efficacy	89 lm/W
Initial luminous flux	3200 lm
Luminous flux tolerance	+/-10%
Initial input power	36 W
Mechanical and Housing	
Color	White
Geometry	Width 0.20 m,
	length 1.20 m
Over Time Performance (IEC Co	ompliant)
Driver failure rate at 5000 h	1.5 %
Median useful life L80B50	15000 h
Median useful life L90B50	10000 h

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature
910503910206	SM060C LED32S/840 PSU W20L120	(0.38, 0.38) SDCM <5	4000 K
910503910207	SM060C LED32S/830 PSU W20L120	(0.43, 0.40) SDCM <5	3000 K

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