



Ledinaire Surface-mounted – 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

Type	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

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Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
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



Ledinaire_Surface_Mounted-SM060C-
DP01.tif



Ledinaire_Surface_Mounted-SM060C-
DP02.tif



Ledinaire_Surface_Mounted-SM060C-
DP03.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
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Operating and Electrical

Input Voltage	220-240 V
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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 Compliant)

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 Compliant)

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 chromaticity	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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