



Ledinaire Surface-mounted – Simply great LED

Ledinaire Surface-mounted

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
Lumen maintenance at median useful life*	L65
	50000 h

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Control gear failure rate at median useful life	7.5% 50000 h
Performance Ambient Temperature Tq	+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



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SM060C-DP01.tif**

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-	
Driver failure rate at 5000 h	0.005 %
Application Conditions	
Ambient temperature range	+10 to +40 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK03
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial LED luminaire efficacy	100 lm/W
Mechanical and Housing	
Color	White

General Information

Order Code	Full Product Name	Beam angle of light source	Optic type
911401842280	SM060C LED34S/840 PSU W20L120 OC	80 °	Beam angle 70°
911401842480	SM060C LED40S/840 PSU W20L120 NOC	110 °	Beam angle 110°
911401850680	SM060C LED34S/840 PSU W20L120 NOC	110 °	Beam angle 110°

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Luminous flux tolerance	Initial input power
911401842280	SM060C LED34S/840 PSU W20L120 OC	3400 lm	+/-50%	34 W
911401842480	SM060C LED40S/840 PSU W20L120 NOC	4000 lm	+/-10%	40 W

Order Code	Full Product Name	Initial luminous flux	Luminous flux tolerance	Initial input power
911401850680	SM060C LED34S/840 PSU W20L120 NOC	3400 lm	+/-10%	34 W

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