



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

Ledinaire Surface-mounted

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



**Ledinaire_Surface_Mounted-
SM060C-DP01.tif**

Ledinaire Surface-mounted

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

Ledinaire Surface-mounted

