PHILIPS

Lighting



Ledinaire surface-mounted: simply great LED

Ledinaire surface-mounted

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.

Benefits

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

Features

- Recessed and surface-mounted versions
- Modern, unobtrusive design
- Easy connector for faster installation
- Energy efficient up to 100 lm/W
- Long lifetime of 50,000 hours @L70
- Office compliant (OC) and non-office compliant (NOC) versions available

Application

- Offices
- Healthcare
- Education

Ledinaire surface-mounted

Versions

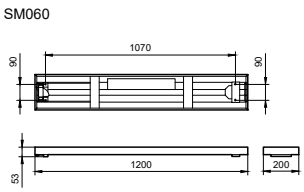


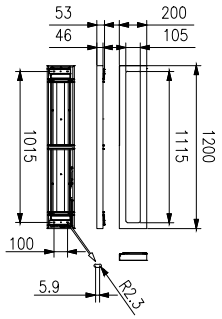
Ledinaire surface mounted G2 W20L120 OC



Ledinaire surface mounted G2 W20L120 NOC

Dimensional drawing





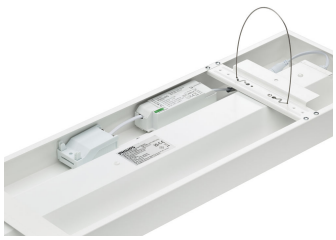
Product details



Ledinaire_Surface_Mounted-SM060C-DP01.tif



Philips Ledinaire surface mounted Back DT03



Ledinaire surface mounted G2 PSU back side

Product details



product shots from Ledinaire surface-mounted



Ledinaire surface mounted G2 OC Optical window



product shots from Ledinaire surface-mounted



product shots from Ledinaire surface-mounted



Philips Ledinaire surface mounted Back DT02



Philips Ledinaire surface mounted Back DT01



Ledinaire surface mounted G2 PSU All in lumen selectable side



Ledinaire surface mounted G2 NOC Optical window

Ledinaire surface-mounted

General Information	
Driver included	Yes
Number of gear units	1 unit
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Operating and Electrical	
Line Frequency	50 or 60 Hz
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Stroboscopic effect visibility measure (SVM)	1.6

General Information

Order Code	Full Product Name	Light source replaceable
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	-
911401842280	SM060C LED34S/840 PSU W20L120 OC	No
911401842480	SM060C LED40S/840 PSU W20L120 NOC	No
911401850680	SM060C LED34S/840 PSU W20L120 NOC	No
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	-

Light Technical (1/2)

Order Code	Full Product Name	All-in Type	Beam angle of light source	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	All-in, Multi Lumen	-	120 lm/W	3,400 lm
911401842280	SM060C LED34S/840 PSU W20L120 OC	-	80 degree(s)	100 lm/W	3,400 lm
911401842480	SM060C LED40S/840 PSU W20L120 NOC	-	110 degree(s)	100 lm/W	4,000 lm
911401850680	SM060C LED34S/840 PSU W20L120 NOC	-	110 degree(s)	100 lm/W	3,400 lm
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	All-in, Multi Lumen	-	120 lm/W	3,400 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	Beam angle 84°
911401842280	SM060C LED34S/840 PSU W20L120 OC	Beam angle 90°
911401842480	SM060C LED40S/840 PSU W20L120 NOC	Beam angle 110°
911401850680	SM060C LED34S/840 PSU W20L120 NOC	Beam angle 110°
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	Wide beam

Operating and Electrical

Order Code	Full Product Name	Protection class IEC	Input Voltage	Power Consumption	Suitable for random switching
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	Safety class II	220 to 240 V	33 W	No
911401842280	SM060C LED34S/840 PSU W20L120 OC	Safety class I	220-240 V	34 W	Yes
911401842480	SM060C LED40S/840 PSU W20L120 NOC	Safety class I	220-240 V	40 W	Yes
911401850680	SM060C LED34S/840 PSU W20L120 NOC	Safety class I	220-240 V	34 W	Yes
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	Safety class II	220 to 240 V	33 W	No

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Flickering value (PstLM) - Flickering value as per EN 61000-3-3
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	-10 to +40 °C	-
911401842280	SM060C LED34S/840 PSU W20L120 OC	+10 to +40 °C	1
911401842480	SM060C LED40S/840 PSU W20L120 NOC	+10 to +40 °C	1
911401850680	SM060C LED34S/840 PSU W20L120 NOC	+10 to +40 °C	1
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	-10 to +40 °C	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	(0.38,0.38)SDCM<5	+/-10%
911401842280	SM060C LED34S/840 PSU W20L120 OC	SDCM<5	+/-50%
911401842480	SM060C LED40S/840 PSU W20L120 NOC	SDCM<5	+/-10%
911401850680	SM060C LED34S/840 PSU W20L120 NOC	SDCM<5	+/-10%
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	(0.38,0.38)SDCM<5	+/-10%

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
911401843887	SM060C G2 34_40S/840 PSU W20L120 OC	-
911401842280	SM060C LED34S/840 PSU W20L120 OC	0.005 %
911401842480	SM060C LED40S/840 PSU W20L120 NOC	0.005 %
911401850680	SM060C LED34S/840 PSU W20L120 NOC	0.005 %
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	-

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