



# 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

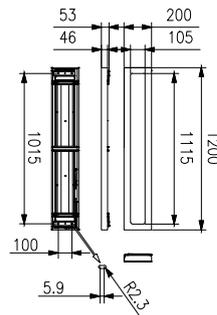
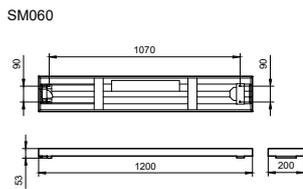


Ledinaire Surface Mounted-  
SM060C



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

## Product details



Ledinaire surface mounted G2 PSU  
back side



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
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### Controls and Dimming

Dimmable	No
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### 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	-	110 degree(s)	100 lm/W	4,000 lm

Order Code	Full Product Name	All-in Type	Beam angle of light source	Luminous Efficacy (rated) (Nom)	Luminous Flux
	PSU W20L120 NOC				
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°

Order Code	Full Product Name	Optic type
911401850680	SM060C LED34S/840 PSU W20L120 NOC	Beam angle 110°
911401843787	SM060C G2 34_40S/840 PSU W20L120 NOC	Wide beam

## Ledinaire surface-mounted

### 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	Safety class I	220-240 V	40 W	Yes

Order Code	Full Product Name	Protection class IEC	Input Voltage	Power Consumption	Suitable for random switching
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

Order Code	Full Product Name	Ambient temperature range	Flickering value (PstLM) - Flickering value as per EN 61000-3-3
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%

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
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 %

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

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