



# Ledinaire Surface-mounted

## SM060C LED34S/840 PSU W20L120 OC

840 neutral white - Power supply unit

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.

### Product data

General Information		Operating and Electrical	
Beam angle of light source	80 °	Constant light output	No
Light source colour	840 neutral white	Number of products on MCB (16 A type B)	24
Light source replaceable	No	Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	PSU [ Power supply unit]	Unified glare rating CEN	19
Driver included	Yes	<b>Operating and Electrical</b>	
Optic type	Beam angle 70°	Input Voltage	220 to 240 V
Luminaire light beam spread	80°	Input frequency	50 or 60 Hz
Control interface	-	Initial CLO power consumption	- W
Connection	Push-in connector 3-pole	Average CLO power consumption	- W
Cable	-	Inrush current	10.8 A
Protection class IEC	Safety class I	Inrush time	0.036 ms
Glow-wire test	Temperature 650 °C, duration 30 s	Power factor (min.)	0.9
Flammability mark	F [ For mounting on normally flammable surfaces]	<b>Controls and Dimming</b>	
CE mark	CE mark	Dimmable	No
ENEC mark	-		
Warranty period	5 years		

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### Mechanical and Housing

Housing material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Acrylate and polycarbonate
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	1200 mm
Overall width	200 mm
Overall height	53 mm
Colour	White
Dimensions (height x width x depth)	53 x 200 x 1200 mm (2.1 x 7.9 x 47.2 in)

### Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK03 [ 0.3 J]

### Initial Performance (IEC Compliant)

Initial luminous flux	3400 lm
Luminous flux tolerance	+/-50%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	SDCM<5
Initial input power	34 W
Power consumption tolerance	+/-40%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	0.075 %
50,000 h	
Lumen maintenance at median useful life*	L65
50,000 h	

### Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

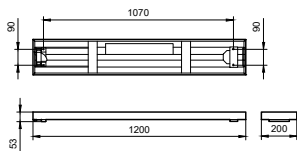
### Product Data

Full product code	871016335039400
Order product name	SM060C LED34S/840 PSU W20L120 OC
EAN/UPC – product	8710163350394
Order code	35039400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401842280
Net Weight (Piece)	3.290 kg



## Dimensional drawing

SM060



### Surface-mounted SM060C

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