GreenSpace Surface-mounted

SM295C LED70/840 PSU WH GM

Power supply unit - High-gloss mirror - Reflector - 60° -

Philips GreenSpace Surface-mounted LED Downlight delivers a superior LED alternative that'sup to 66% more energy efficient than the conventional downlight retrofits. Blending seamlessly into its environment, GreenSpace Surface-mounted LED Downlight mimics the form of conventional recessed downlights minus the associated high energy and maintenance costs.;Phiilips GreenSpace Surface-mounted LED Downlight is also ideal for all commercial lighting applications as well as public indoor space where there is limited space in the ceiling.

Product data

General information

Beam angle of light source	- °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	High-gloss mirror
Optical cover/lens type	Reflector
Luminaire light beam spread	60°
Control interface	-
Connection	-
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 750 °C, duration 5 s

Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	24
EU RoHS compliant	No
Light source engine type	LED
Service tag	Yes

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	25 A
Inrush time	0.202 ms

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Power Factor (Min)	0.9

Controls and dimming

Dimmable	No

Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Aluminum
Optical cover/lens material	–
Fixation material	–
Optical cover/lens finish	–
Overall length	0 mm
Overall width	0 mm
Overall height	239 mm
Overall diameter	200 mm
Color	White

Approval and application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	6600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	66 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application conditions

Ambient temperature range	–20 to +40 °C
Suitable for random switching	No

Product data

Full product code	911401848899
Order product name	SM295C LED70/840 PSU WH GM
Order code	911401848899
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	911401848899
Net Weight (Piece)	2.199 kg

750°C ▉ IK 02 ⏚

Dimensional drawing
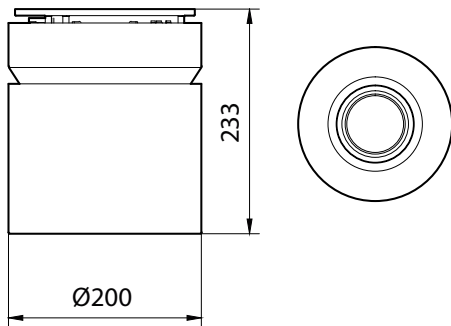
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