GreenSpace Surface-mounted

SM291C LED10/840 PSU WH

LED, 10 W, Power supply unit (On/Off), High-gloss mirror, Reflector, 90°

Philips GreenSpace Surface-mounted LED Downlight delivers a superior LED alternative that's up 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	3 years

Light Technical	
Luminous Flux	1,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80

Light source color	840 neutral white
Optic type	High-gloss mirror
Luminaire light beam spread	90°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	11 A
Inrush time	0.003 ms
Power Consumption	10 W
Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B	30
Suitable for random switching	No

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Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	-
Housing Color	White
Optical cover finish	-
Overall length	0 mm
Overall width	0 mm
Overall height	135 mm
Overall diameter	160 mm
Dimensions (Height x Width x Depth)	135 x 0 x 0 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Reflector
Net Weight (Piece)	0.600 kg

Approval and Application

Glow-wire test	Temperature 750 °C, duration 5 s
CE mark	Yes
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

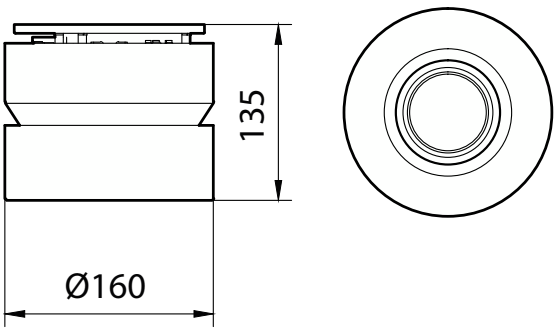
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1.00 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	40,000 hour(s)
Median useful life L90B50	20,000 hour(s)

Product Data

Order product name	SM291C LED10/840 PSU WH
Full product name	SM291C LED10/840 PSU WH
Full product code	911401508931
Order code	911401508931
Material Nr. (12NC)	911401508931
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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