



GreenSpace Surface-mounted

SM294C LED40/840 PSU WP WH GM

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

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. Philips 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		Operating and Electrical	
Beam angle of light source	- °	Flammability mark	-
Lamp colour code	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	One unit	Warranty period	3 years
Driver/power unit/transformer	Power supply unit	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	24
Optic type	High-gloss mirror	EU RoHS compliant	No
Optical cover/lens type	Reflector	LED engine type	LED
Luminaire light beam spread	60°		
Control interface	-	Input Voltage	220 to 240 V
Connection	-	Input frequency	50 or 60 Hz
Cable	-	Inrush current	25 A
Protection class IEC	Safety class I	Inrush time	0.202 ms
Glow-wire test	Temperature 750 °C, duration 5 s		

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Power factor (min.)	0.9
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Aluminium
Optic material	Aluminium
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
Colour	White

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux	3800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	105 lm/W

Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	36 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

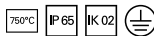
Median useful life L70B50	50000 h
Median useful life L80B50	40000 h
Median useful life L90B50	20000 h

Application Conditions

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

Product Data

Full product code	911401847999
Order product name	SM294C LED40/840 PSU WP WH GM
Order code	911401847999
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401847999
Net Weight (Piece)	2.199 kg



Dimensional drawing



SM291C/293C/294C/295C GreenSpace surface-mounted

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