



# 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	NO [-]
Lamp colour code	840 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	3 years
Driver/power unit/transformer	PSU [ Power supply unit]	Constant light output	No
Driver included	Yes	Number of products on MCB (16 A type B)	24
Optic type	C [ High-gloss mirror]	EU RoHS compliant	No
Optical cover/lens type	Reflector	LED engine type	LED
Luminaire light beam spread	60°	<b>Operating and Electrical</b>	
Control interface	-	Input Voltage	220 to 240 V
Connection	No [-]	Input frequency	50 or 60 Hz
Cable	-	Inrush current	25 A
Protection class IEC	Safety class I (I)	Inrush time	0.202 ms
Glow-wire test	750/5 [ 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	Aluminum die-cast
Reflector material	Aluminium
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
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 (system 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
Local code	SM294C38WNVFWP
SAP numerator – quantity per pack	1
SAP 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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