



Setting the standard in Surface-mounted LED Downlight

GreenSpace Surface-mounted

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.

Benefits

- Lumen output: Different lumens in different sizes and mounting heights with options of 1000lm, 2000lm, 3800lm & 6600lm.
- Superior light performance: Colours rendered accurately (CRI>80) and high system efficacy (100lm/w)
- Varieties: IP20, IP65 version with choice of different lumen output, and option of black housing through tailor-made
- Long lifetime: 50,000 hour lifetime ensures more savings in the long run

Features

- System efficacy: 100lm/W, energy saving up to 66% vs conventional downlights
- Reliable performance: Lifetime 50,000 hours (L70B50@Ta25°C)
- Excellent light quality - CRI>=80 @3000K, 4000K and 6500K
- Integral lightweight design - Installation cost is significantly reduced

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Application

- Shopping mall
- Station concourse
- Canopy
- Airport public area
- Stadium public area

Versions



SM291C/SM293C



SM295C LED68

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Application Conditions

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

Approval and Application

Mech. impact protection code	IK02
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Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	Reflector
Driver included	Yes
Glow-wire test	750/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	C

Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

Over Time Performance (IEC Compliant)

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

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Order Code	Full Product Name	Driver failure rate at 5,000 hours
911401509531	SM293C LED20/840 PSU WH	1.00 %
911401847499	SM293C LED20/830 PSU WH GM	1.00 %
911401847599	SM293C LED20/840 PSU WH GM	1.00 %
911401847699	SM293C LED20/865 PSU WH GM	1.00 %
911401848799	SM294C LED40/865 PSU WH GM	1.00 %
911401512231	SM295C LED68/840 PSU WP BK	0.01 %

Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401509531	SM293C LED20/840 PSU WH	-
911401847499	SM293C LED20/830 PSU WH GM	-
911401847599	SM293C LED20/840 PSU WH GM	-

Order Code	Full Product Name	Maximum dimming level
911401847699	SM293C LED20/865 PSU WH GM	-
911401848799	SM294C LED40/865 PSU WH GM	-
911401512231	SM295C LED68/840 PSU WP BK	Not applicable

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401509531	SM293C LED20/840 PSU WH	IP20
911401847499	SM293C LED20/830 PSU WH GM	IP20
911401847599	SM293C LED20/840 PSU WH GM	IP20

Order Code	Full Product Name	Ingress protection code
911401847699	SM293C LED20/865 PSU WH GM	IP20
911401848799	SM294C LED40/865 PSU WH GM	IP20
911401512231	SM295C LED68/840 PSU WP BK	IP65

General Information

Order Code	Full Product Name	Beam angle		
		of light source	ENEC mark	Flammability mark
911401509531	SM293C LED20/840 PSU WH	-	-	-

Order Code	Full Product Name	Beam angle		
		of light source	ENEC mark	Flammability mark
911401847499	SM293C LED20/830 PSU WH GM	- °	-	NO

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Order Code	Full Product Name	Beam angle		
		of light source	ENEC mark	Flammability mark
911401847599	SM293C LED20/840 PSU WH GM	- °	-	NO
911401847699	SM293C LED20/865 PSU WH GM	- °	-	NO

Order Code	Full Product Name	Beam angle		
		of light source	ENEC mark	Flammability mark
911401848799	SM294C LED40/865 PSU WH GM	- °	-	NO
911401512231	SM295C LED68/840 PSU WP BK	-	-	-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Initial LED	Initial
			Colour Temperature	luminaire efficacy	luminous flux
911401509531	SM293C LED20/840 PSU WH	(0.38, 0.38)	4000 K	105 lm/W	2000 lm
911401847499	SM293C LED20/830 PSU WH GM	(0.44, 0.40)	3000 K	105 lm/W	2000 lm
911401847599	SM293C LED20/840 PSU WH GM	(0.38, 0.38)	4000 K	105 lm/W	2000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Initial LED	Initial
			Colour Temperature	luminaire efficacy	luminous flux
911401847699	SM293C LED20/865 PSU WH GM	(0.31, 0.32)	6500 K	105 lm/W	2000 lm
911401848799	SM294C LED40/865 PSU WH GM	(0.31, 0.32)	6500 K	100 lm/W	3800 lm
911401512231	SM295C LED68/840 PSU WP BK	(0.38, 0.38)	4000 K	100 lm/W	6600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401509531	SM293C LED20/840 PSU WH	19 W
911401847499	SM293C LED20/830 PSU WH GM	19 W
911401847599	SM293C LED20/840 PSU WH GM	19 W

Order Code	Full Product Name	Initial input power
911401847699	SM293C LED20/865 PSU WH GM	19 W
911401848799	SM294C LED40/865 PSU WH GM	38 W
911401512231	SM295C LED68/840 PSU WP BK	66 W

Mechanical and Housing

Order Code	Full Product Name	Colour
911401509531	SM293C LED20/840 PSU WH	White
911401847499	SM293C LED20/830 PSU WH GM	White
911401847599	SM293C LED20/840 PSU WH GM	White

Order Code	Full Product Name	Colour
911401847699	SM293C LED20/865 PSU WH GM	White
911401848799	SM294C LED40/865 PSU WH GM	White
911401512231	SM295C LED68/840 PSU WP BK	black

