



Philips SmartBright Slim Panel – Trusted performance. Everyday.

SmartBright Slim panel G3

The Philips SmartBright range is comprised of a selection of essential LED luminaires that come with Philips high levels of quality at a competitive price. Reliable, energy efficient and affordable lighting solutions that you can count on to deliver what they promise. Philips SmartBright Slim Panels are our most affordable LED solution. The complete product family is available in multiple mounting types, product dimensions and lumen options to suit the widest range of applications. And thanks to the edge-lit structure, SmartBright panels deliver both higher system efficacy and excellent lighting uniformity. The essential range of LED slim panels for everyday installations.

Benefits

- Saves 50% energy compared with TL alternatives
- Philips quality and reliability
- Comfortable light with excellent uniformity
- Slim and elegant design

Features

- System efficacy 95 lm/W
- Strong anti-yellowish performance within lifetime
- Full window illumination, CRI 80
- Edge-lit structure, the height of panel is 8 mm
- Multiple mounting options: recessed, suspended, plaster ceiling (PCV)

SmartBright Slim panel G3

Application

- Offices
- Hospitals and Care Centers
- Retail

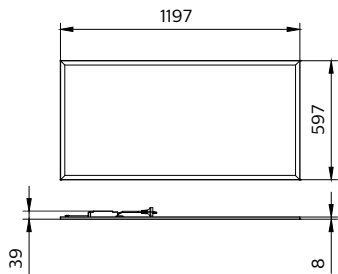
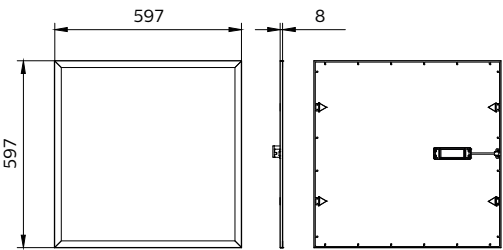
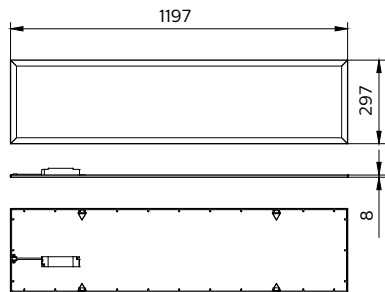
Versions



RC091 2X4 SPP

RC091 1X4 SPP

Dimensional drawing



SmartBright Slim panel G3

Product details



RC091

General Information	
CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces
Light Technical	
Optical cover type	Acrylate
Color rendering index (CRI)	>80
Luminous Efficacy (rated) (Nom)	95 lm/W
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Temperature	
Ambient temperature range	-10 to +35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	White RAL 9003
Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	IK02
Ingress protection code	IP20
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color Temperature	
		(Nom)	Luminous Flux
911401878981	RC091V LED48S/840 PSU W60L120 G3 MR PCV	4000 K	4,800 lm
911401879081	RC091V LED48S/865 PSU W60L120 G3 MR PCV	6500 K	4,800 lm
911401878181	RC091V LED27S/840 PSU W60L60 G3 MR PCV	4000 K	2,700 lm
911401878281	RC091V LED27S/865 PSU W60L60 G3 MR PCV	6500 K	2,700 lm
911401878481	RC091V LED27S/865 PSU W30L120 G3 MR PCV	6500 K	2,700 lm
911401878781	RC091V LED38S/840 PSU W30L120 G3 MR PCV	4000 K	3,800 lm
911401878881	RC091V LED38S/865 PSU W30L120 G3 MR PCV	6500 K	3,800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401878981	RC091V LED48S/840 PSU W60L120 G3 MR PCV	50 W
911401879081	RC091V LED48S/865 PSU W60L120 G3 MR PCV	50 W
911401878181	RC091V LED27S/840 PSU W60L60 G3 MR PCV	28 W
911401878281	RC091V LED27S/865 PSU W60L60 G3 MR PCV	28 W

Order Code	Full Product Name	Power Consumption
911401878481	RC091V LED27S/865 PSU W30L120 G3 MR PCV	28 W
911401878781	RC091V LED38S/840 PSU W30L120 G3 MR PCV	40 W
911401878881	RC091V LED38S/865 PSU W30L120 G3 MR PCV	40 W

Initial Performance (IEC Compliant)

SmartBright Slim panel G3

Order Code	Full Product Name	Initial chromaticity
911401878981	RC091V LED48S/840 PSU W60L120 G3 MR PCV	(0.3818, 0.3797) SDCM≤5
911401879081	RC091V LED48S/865 PSU W60L120 G3 MR PCV	(0.3123, 0.3282) SDCM≤5
911401878181	RC091V LED27S/840 PSU W60L60 G3 MR PCV	(0.3818, 0.3797) SDCM≤5
911401878281	RC091V LED27S/865 PSU W60L60 G3 MR PCV	(0.3123, 0.3282) SDCM≤5

Order Code	Full Product Name	Initial chromaticity
911401878481	RC091V LED27S/865 PSU W30L120 G3 MR PCV	(0.3123, 0.3282) SDCM≤5
911401878781	RC091V LED38S/840 PSU W30L120 G3 MR PCV	(0.3818, 0.3797) SDCM≤5
911401878881	RC091V LED38S/865 PSU W30L120 G3 MR PCV	(0.3123, 0.3282) SDCM≤5

