PHILIPS Lighting



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

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

Features

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

SmartBright Slim panel G3

Application

- Offices
- Hospitals and Care Centers
- \cdot Retail

Versions

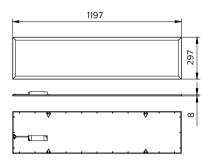


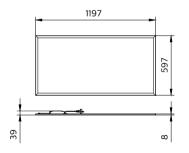


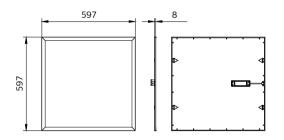
RC091 2X4 SPP

RC091 1X4 SPP

Dimensional drawing







SmartBright Slim panel G3

Product details



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

	Correlated Color Temperature	
Full Product Name	(Nom)	Luminous Flux
RC091V LED48S/840 PSU W60L120 G3 MR PCV	4000 K	4,800 lm
RC091V LED48S/865 PSU W60L120 G3 MR PCV	6500 K	4,800 lm
RC091V LED27S/840 PSU W60L60 G3 MR PCV	4000 K	2,700 lm
RC091V LED27S/865 PSU W60L60 G3 MR PCV	6500 K	2,700 lm
RC091V LED27S/865 PSU W30L120 G3 MR PCV	6500 K	2,700 lm
RC091V LED38S/840 PSU W30L120 G3 MR PCV	4000 K	3,800 lm
RC091V LED38S/865 PSU W30L120 G3 MR PCV	6500 K	3,800 lm
	RC091V LED485/840 PSU W60L120 G3 MR PCV RC091V LED485/865 PSU W60L120 G3 MR PCV RC091V LED275/840 PSU W60L60 G3 MR PCV RC091V LED275/865 PSU W60L60 G3 MR PCV RC091V LED275/865 PSU W30L120 G3 MR PCV RC091V LED285/840 PSU W30L120 G3 MR PCV	Full Product Name (Nom) RC091V LED48S/840 PSU W60L120 G3 MR PC 4000 K RC091V LED48S/865 PSU W60L60 G3 MR PC 6500 K RC091V LED27S/840 PSU W60L60 G3 MR PCV 4000 K RC091V LED27S/865 PSU W60L60 G3 MR PCV 6500 K RC091V LED27S/865 PSU W30L120 G3 MR PCV 6500 K

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	Order Code	Full Product Name	Initial chromaticity
911401878981	RC091V LED48S/840 PSU W60L120 G3 MR	(0.3818, 0.3797) SDCM≤5	911401878481	RC091V LED27S/865 PSU W30L120 G3 MR	(0.3123, 0.3282) SDCM≤5
	PCV			PCV	
911401879081	RC091V LED48S/865 PSU W60L120 G3 MR	(0.3123, 0.3282) SDCM≤5	911401878781	RC091V LED38S/840 PSU W30L120 G3 MR	(0.3818, 0.3797) SDCM≤5
	PCV			PCV	
911401878181	RC091V LED27S/840 PSU W60L60 G3 MR	(0.3818, 0.3797) SDCM≤5	911401878881	RC091V LED38S/865 PSU W30L120 G3 MR	(0.3123, 0.3282) SDCM≤5
	PCV			PCV	
911401878281	RC091V LED27S/865 PSU W60L60 G3 MR	(0.3123, 0.3282) SDCM≤5			
	PCV				



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2023, April 13 - data subject to change