PHILIPS

RC091V LED50S/840 PSU W60L120 G4 BCT TH

911401822588

Philips SmartBright Slim Panel RC091, 100 lm/W, 840 neutral white

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.

General Information

Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value

Light Technical

Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Unified glare rating CEN	22
Effective projected area	0.71 m^2

Operating and Electrical

Input Voltage	222 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	-
Protection class IEC	Safety class II

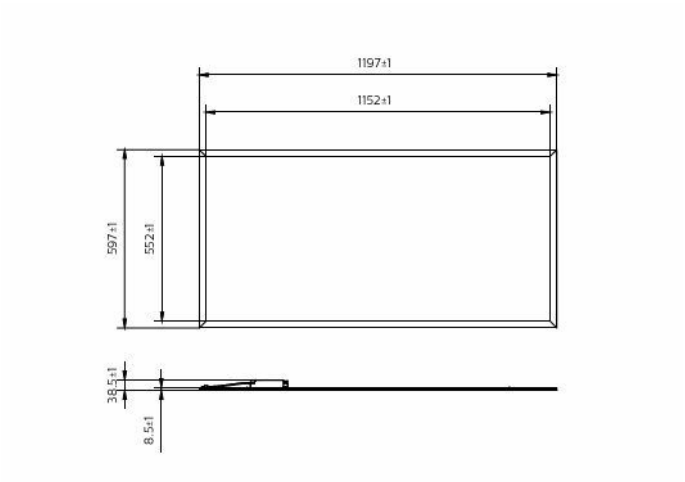
Controls and Dimming

Dimmable	-
Control interface	-

Mechanical and Housing

Housing Material	Aluminum
Optical cover material	Polystyrene
Housing Color	Aluminum
Optical cover finish	Matte
Ingress protection code	IP20/40 [Finger-protected, Emitting surface]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Polymethyl methacrylate bowl/ cover
Net Weight (Piece)	3.800 kg

Dimensional drawing



Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No
ENEC mark	-
EU RoHS compliant	Yes
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10%,+15%
Initial chromaticity	(0.3818,0.3797)SDCM<5
Power consumption tolerance	+/-15%

Product Data

Order product name	RC091V LED50S/840 PSU W60L120 G4 BCT TH
Full product name	RC091V LED50S/840 PSU W60L120 G4 BCT TH
Full product code	872110332778999
Order code	911401822588
Material Nr. (12NC)	911401822588
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103327789
Numerator - Packs per outer box	2
EAN/UPC - Case	8721103327802

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	RC091-MI-TH-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	RC091-LED50S-60120-IES.ies	Download

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