PHILIPS

Lighting

SmartBright Slim Panel G2

RC091V LED36S/840 PSU W60L60 GM G2 MR

SmartBright Slim Panel G2, 90 lm/W, 840 neutral white

SmartBright Slim Panel provides the most affordable LED solution. Complete product family delivers multiple mounting types, product dimensions & lumen options. New generation ensures both higher system efficacy and excellent lighting uniformity.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)

Light source color	840 neutral white
Optic type	-
Optical cover type	Polystyrene bowl/cover prismatic
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	6.56 A
Inrush time	0.05 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	-
Number of products on MCB of 16 A type B	57

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Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Frosted
Overall length	597 mm
Overall width	597 mm
Overall height	31.5 mm
Dimensions (Height x Width x Depth)	32 x 597 x 597 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

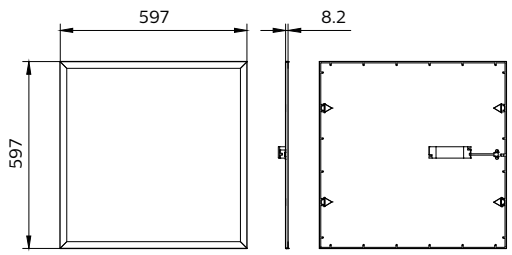
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Median useful life L70B50	25,000 hour(s)

Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data	
Order product name	RC091V LED36S/840 PSU W60L60 GM G2 MR
Full product name	RC091V LED36S/840 PSU W60L60 GM G2 MR
Full product code	871016332479199
Order code	911401723892
Material Nr. (12NC)	911401723892
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163324791
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163325057

Dimensional drawing



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2023, April 29 - data subject to change