



SmartBright Pro Panel

RC055B LED34S/840 PSU W60L60 GM

SmartBright Pro Panel, 86 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 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 Direct-lit structure, SmartBright panels deliver both higher system efficacy and excellent lighting uniformity. The essential range of LED panels for everyday installations.

Product data

General Information		Luminaire light beam spread	
Number of gear units	1 unit		110°
Gear	-	Effective projected area	0.354 m ²
Driver included	Yes	Operating and Electrical	
Light source engine type	LED	Input Voltage	220 to 240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	5 years	Inrush current	16 A
Light Technical		Inrush time	0.18 ms
Luminous Flux	3.440 lm	Power Consumption	40 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	86 lm/W	Connection	Push-in connector 2-pole
Color rendering index (CRI)	80	Cable	-
Number of light sources	6	Number of products on MCB of 16 A type B	32
Beam angle of light source	110 degree(s)	Suitable for random switching	Not applicable
Light source color	840 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 110°		

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Controls and Dimming

Dimmable	No
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 595 x 595 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	1.200 kg

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	-
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM≤6
Power consumption tolerance	+/-10%

Product Data

Order product name	RC055B LED34S/840 PSU W60L60 GM
Full product name	RC055B LED34S/840 PSU W60L60 GM
Full product code	872016950919199
Order code	911401836385
Material Nr. (12NC)	911401836385
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169509191
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169509214

