![Philips Lighting logo]

SmartBright Panel

RC055B LED34S/865 PSU W60L60 GM

– 6 – – – Beam angle 110° – Opal – 110°

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

Number of gear units	1 unit
Gear	–
Driver included	Yes
Light source engine type	LED
Value ladder	Value

Light Technical

Luminous Flux	3,440 lumen
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	80
Number of light sources	6
Beam angle of light source	110 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 110°
Optical cover/lens type	Opal

Luminaire light beam spread	110°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Power Consumption	40 W
Inrush current	16 A
Inrush time	0.18 ms
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	–
Number of products on MCB of 16 A type B	32

Temperature

Ambient temperature range	–10 to +40 °C

SmartBright Panel

Controls and Dimming

Dimmable	No
Control interface	–

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Acrylate
Housing Color	White RAL 9003
Mounting device	–
Optical cover/lens finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	60 mm
Effective projected area	0.354 m²
Dimensions (Height x Width x Depth)	60 x 595 x 595 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
Glow–wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	–
ENEC mark	–
Warranty period	5 years

Photobiological risk

Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	–10% / +10%
Initial chromaticity	(0.31, 0.33) SDCM≤6
Power consumption tolerance	+/–10%

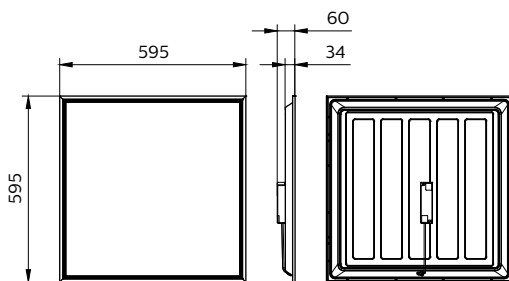## Application Conditions

Performance ambient temperature T_q	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	872016950918499
Order product name	RC055B LED34S/865 PSU W60L60 GM
Order code	50918499
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material number (12NC)	911401836285
Full product name	RC055B LED34S/865 PSU W60L60 GM
EAN/UPC – Case	8720169509207

Dimensional drawing

SmartBright Panel

www.lighting.philips.com

2023, April 25 – data subject to change