



Philips SmartBright Panel. Trusted performance. Everyday.

SmartBright Panel

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.

Benefits

- Philips quality and reliability
- Energy saving
- Comfortable lighting experience
- Suitable for office working place

Features

- Modern, unobtrusive design
- System efficacy 86 lm/W
- Flicker Free, CRI 80, RG0
- Multiple mounting options: recessed, suspended, plaster ceiling (PCV)

SmartBright Panel

Application

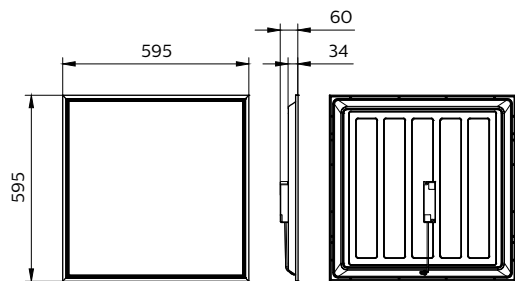
- Offices
- Hospitals and Care Centers
- Retail

Versions



SmartBright Panel RC055

Dimensional drawing



Product details

SmartBright Panel RC055



General Information

CE mark	-
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Gear	-
Glow-wire test	Temperature 650 °C, duration 30 s
Number of gear units	1 unit

Light Technical

Beam angle of light source	110 degree(s)
Optical cover type	Opal
Color rendering index (CRI)	80
Luminous Efficacy (rated) (Nom)	86 lm/W
Luminous Flux	3,440 lm
Number of light sources	6
Optic type	Beam angle 110°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	40 W

Temperature

Ambient temperature range	-10 to +40 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	White RAL 9003
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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% / +10%
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Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)
50918499	RC055B LED34S/865 PSU W60L60 GM	6500 K
50919199	RC055B LED32S/840 PSU W60L60 GM	4000 K

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Order Code	Full Product Name	Initial chromaticity
50918499	RC055B LED34S/865 PSU W60L60 GM	(0.31, 0.33) SDCM≤6	50919199	RC055B LED32S/840 PSU W60L60 GM	(0.38, 0.38) SDCM≤6

