PHILIPS

SmartBright Pro Panel

RC055



SmartBright Panel. Trusted performance. Everyday.

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

Applications

- Offices
- Hospitals and Care Centers
- Retail

Features

- Modern, unobtrusive design
- System efficacy 105lm/W
- Flicker Free, CRI 80, RG0
- Multiple mounting options: recessed, suspended, plaster ceiling (PCV)

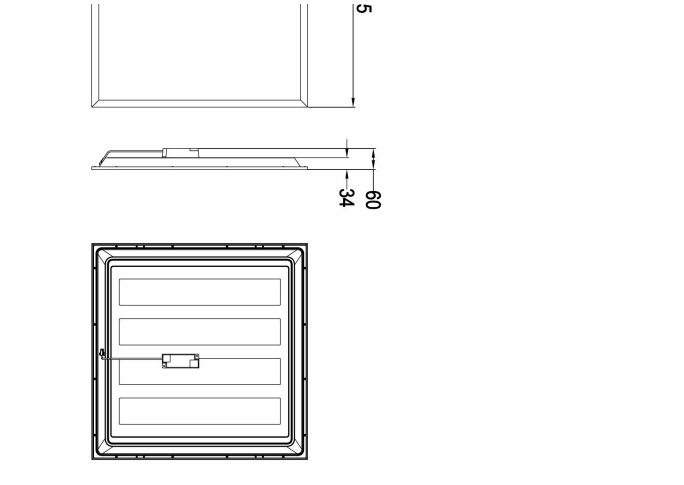
Versions



SmartBright Panel RC055

SmartBright Pro Panel

Dimensional drawing



RC055B LED40S/865 PSU W60L60 GM G2

Product details

SmartBright Pro Panel



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SmartBright Panel RC055

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes

Light Technical

Number of light sources	6
Beam angle of light source	110 degree(s)
Optic type	Beam angle 110°

Operating and Electrical

Line Frequency	50 or 60 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	White RAL 9003
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

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	-
Ambient temperature range	-10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401836285	RC055B LED34S/865 PSU W60L60 GM	3,440 lm	6500 K	86 lm/W	80
911401836385	RC055B LED34S/840 PSU W60L60 GM	3,440 lm	4000 K	86 lm/W	80
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	4,000 lm	6500 K	105 lm/W	≥80
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	4,000 lm	4000 K	105 lm/W	≥80

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
911401836285	RC055B LED34S/865 PSU W60L60 GM	220 to 240 V	40 W
911401836385	RC055B LED34S/840 PSU W60L60 GM	220 to 240 V	40 W
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	220-240 V	38 W
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	220-240 V	38 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401836285	RC055B LED34S/865 PSU W60L60 GM	No
911401836385	RC055B LED34S/840 PSU W60L60 GM	No
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401836285	RC055B LED34S/865 PSU W60L60 GM	Opal
911401836385	RC055B LED34S/840 PSU W60L60 GM	Opal
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	PMMA
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	PMMA

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
911401836285	RC055B LED34S/865 PSU W60L60 GM	(0.31, 0.33) SDCM≤6
911401836385	RC055B LED34S/840 PSU W60L60 GM	(0.38, 0.38) SDCM≤6
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-

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