PHILIPS

Lighting



SmartBright Panel. Trusted performance. Everyday.

SmartBright Pro 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 105lm/W
- Flicker Free, CRI 80, RG0
- Multiple mounting options: recessed, suspended, plaster ceiling (PCV)

Application

- Offices
- Hospitals and Care Centers
- Retail

SmartBright Pro Panel

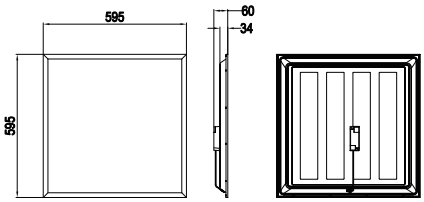
Versions



SmartBright Panel RC055

SmartBright Pro Panel

Dimensional drawing



Product details

SmartBright Pro Panel



SmartBright Pro Panel



SmartBright Panel RC055

SmartBright Pro Panel

General Information	
Gear	-

Operating and Electrical	
Protection class IEC	Safety class II
Line Frequency	50 or 60 Hz

Mechanical and Housing	
Housing Color	White RAL 9003
Mech. impact protection code	IK02
Ingress protection code	IP20

Approval and Application	
Ambient temperature range	-10 to +40 °C
CE mark	No
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%

General Information

Order Code	Full Product Name	Driver included	Number of gear units
911401836285	RC055B LED34S/865 PSU W60L60 GM	Yes	1 unit
911401836385	RC055B LED34S/840 PSU W60L60 GM	Yes	1 unit
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
911401836285	RC055B LED34S/865 PSU W60L60 GM	110 degree(s)	6500 K	80	86 lm/W
911401836385	RC055B LED34S/840 PSU W60L60 GM	110 degree(s)	4000 K	80	86 lm/W
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-	6500 K	≥80	105 lm/W
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-	4000 K	≥80	105 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type
911401836285	RC055B LED34S/865 PSU W60L60 GM	3,440 lm	6	Beam angle 110°
911401836385	RC055B LED34S/840 PSU W60L60 GM	3,440 lm	6	Beam angle 110°
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	4,000 lm	-	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	4,000 lm	-	-

Operating and Electrical

SmartBright Pro Panel

Order Code	Full Product Name	Input Voltage	Power Consumption	Suitable for random switching
911401836285	RC055B LED34S/865 PSU W60L60 GM	220 to 240 V	40 W	Not applicable
911401836385	RC055B LED34S/840 PSU W60L60 GM	220 to 240 V	40 W	Not applicable

Order Code	Full Product Name	Input Voltage	Power Consumption	Suitable for random switching
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	Maximum dim level
911401836285	RC055B LED34S/865 PSU W60L60 GM	No	Not applicable
911401836385	RC055B LED34S/840 PSU W60L60 GM	No	Not applicable
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-	-

Order Code	Full Product Name	Dimmable	Maximum dim level
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

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

Approval and Application

Order Code	Full Product Name	Glow-wire test
911401836285	RC055B LED34S/865 PSU W60L60 GM	Temperature 650 °C, duration 30 s
911401836385	RC055B LED34S/840 PSU W60L60 GM	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-

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

Order Code	Full Product Name	Initial chromaticity
911401816088	RC055B LED40S/865 PSU W60L60 GM G2	-
911401816188	RC055B LED40S/840 PSU W60L60 GM G2	-

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