PHILIPS

SmartBright Dual Select Direct-lit panel

RC170B

Trusted performance, everyday.

The new Philips SmartBright Direct-lit Panel offers an excellent value, tri-colour/Lumen lighting solution. Available in three sizes to suit a wide variety of standard applications, the new range is light, reliable and easy to install. The panel's brand new direct-lit design creates a brighter and healthier office environment rendering true and vibrant colours.

Benefits

- Tri-color selectable
- 50K hours life
- 5 year warranty

Applications

- Office
- Retail

Features

- Three colour temperature and three lumen choices in one device suiting multiple application environments
- Select lumen and colour temperature in an easy way
- Excellent colour rendering capability – CRI 80+
- Pre-wired with 1.5m cable and plug
- Driver quick connector ensures fast and easy installation
- Available in three standard sizes – 600 x 600mm, 300 x 1,200mm and 600 x 1,200mm

Versions

SmartBright Dual Select
Direct-lit panel

SmartBright Dual Select
Direct-lit panel

SmartBright Dual Select
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Dimensional drawing

RC170B LED31_37_41/SCCT PSU W60L60 GM

RC170B LED31_37_41/SCCT PSU W30L120

RC170B LED40_45_50/SCCT PSU W60L120

Product details



SmartBright Dual Select
Direct-lit panel



SmartBright Dual Select
Direct-lit panel



SmartBright Dual Select
Direct-lit panel



SmartBright Dual Select
Direct-lit panel

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes

Light Technical

Beam angle of light source	120 degree(s)
Optic type	Beam angle 120°

Operating and Electrical

Line Frequency	50 or 60 Hz
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
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 +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM≤5

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401809787	RC170B LED31_37_41/SCCT PSU W60L60	3,100 lm 3,700 lm 4,100 lm	4000 K 5000 K 6500 K Selectable	120 lm/W	80
911401851287	RC170B LED31_37_41/SCCT PSU W60L60 GM	3,100 lm 3,700 lm 4,100 lm	Selectable	120 lm/W	>80
911401809887	RC170B LED40_45_50/SCCT PSU W60L120	4,000 lm 4,500 lm 5,000 lm	4000 K 5000 K 6500 K Selectable	130 lm/W	80
911401809687	RC170B LED31_37_41/SCCT PSU W30L120	3,100 lm 3,700 lm 4,100 lm	4000 K 5000 K 6500 K Selectable	120 lm/W	80
911401851387	RC170B LED31_37_41/SCCT PSU W30L120 GM	3,100 lm 3,700 lm 4,100 lm	Selectable	120 lm/W	>80

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption	Suitable for random switching
911401809787	RC170B LED31_37_41/SCCT PSU W60L60	220 to 240 V	26 W 31 W 34 W	Yes
911401851287	RC170B LED31_37_41/SCCT PSU W60L60 GM	200 to 240 V	26 W 31 W 34 W	No
911401809887	RC170B LED40_45_50/SCCT PSU W60L120	220 to 240 V	30 W 34 W 38 W	Yes
911401809687	RC170B LED31_37_41/SCCT PSU W30L120	220 to 240 V	26 W 31 W 34 W	Yes
911401851387	RC170B LED31_37_41/SCCT PSU W30L120 GM	200 to 240 V	26 W 31 W 34 W	No

Mechanical and Housing

Order Code	Full Product Name	Optical cover type
911401809787	RC170B LED31_37_41/SCCT PSU W60L60	Opal
911401851287	RC170B LED31_37_41/SCCT PSU W60L60 GM	PS
911401809887	RC170B LED40_45_50/SCCT PSU W60L120	Opal
911401809687	RC170B LED31_37_41/SCCT PSU W30L120	Opal
911401851387	RC170B LED31_37_41/SCCT PSU W30L120 GM	PS

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance
911401809787	RC170B LED31_37_41/SCCT PSU W60L60	-10% / +10%
911401851287	RC170B LED31_37_41/SCCT PSU W60L60 GM	-10%,+15%
911401809887	RC170B LED40_45_50/SCCT PSU W60L120	-10% / +10%
911401809687	RC170B LED31_37_41/SCCT PSU W30L120	-10% / +10%
911401851387	RC170B LED31_37_41/SCCT PSU W30L120 GM	-10%,+15%

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