PHILIPS

RC170B LED31_37_41/ SCCT PSU W30L120

911401809687

SmartBright Dual Select Direct-lit panel, 120 lm/W, Multi Color Temperature

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.

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	3 years

Light Technical

Luminous Flux	3,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	Multi Color Temperature

Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	23
Effective projected area	0.353 m²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	30 A
Inrush time	0.3 ms
Power Consumption	26 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole
Cable	Cable with plug
Number of products on MCB of 16 A type B	13
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Opal
Overall length	1,195 mm
Overall width	295 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 295 x 1195 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	1.440 kg

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	-
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-10 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	RC170B LED31_37_41/SCCT PSU W30L120
Full product name	RC170B LED31_37_41/SCCT PSU W30L120
Full product code	872016975263499
Order code	911401809687
Material Nr. (12NC)	911401809687
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169752634
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169752665

Dimensional drawing

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	RC170-Mounting-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	RC170-Photometry-IES.zip	Download

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