PHILIPS

RC048B+ LED60S/865
PSU W603L1210

911401845985

SmartBright Plus Panel, 120 lm/W, 865 cool daylight

The Philips SmartBright Plus panel (RC048B+) range features a selection of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, high energy efficient and affordable, this latest generation of SmartBright Plus LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of SmartBright Plus panel lighting is also available with accessories for easy installation on different types of ceilings – just what you need.

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	6,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	865 cool daylight

Optic type	Beam angle 120°
Luminaire light beam spread	120°
Effective projected area	0.73 m^2

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	20.4 A
Inrush time	0.26 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	10
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	1,210 mm
Overall width	603 mm
Overall height	64 mm
Dimensions (Height x Width x Depth)	64 x 603 x 1210 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	Opal
Net Weight (Piece)	4.190 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
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 +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.31, 0.33) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	RC048B+ LED60S/865 PSU W603L1210
Full product name	RC048B+ LED60S/865 PSU W603L1210
Full product code	872016951109599
Order code	911401845985
Material Nr. (12NC)	911401845985
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169511095
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169511095

Related Documents

Photometry and lighting design	Document Name	Download
IES File	RC048B+ LED60S W60L120-IES.ies	Download

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