PHILIPS

**RC048B+ LED41S/865 PSU W30L120 2IN1W PCV**

911401850685



# 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 | 4,100 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 | 0.353 m² |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 22 A |
| Inrush time | 0.25 ms |
| Power Consumption | 34 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 9 |
| 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) | 0.750 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+ LED41S/865 PSU W30L120 2IN1W PCV |
| Full product name | RC048B+ LED41S/865 PSU W30L120 2IN1W PCV |
| Full product code | 872016951183599 |
| Order code | 911401850685 |
| Material Nr. (12NC) | 911401850685 |
| Numerator - Quantity Per Pack | 2 |
| EAN/UPC - Product/Case | 8720169511835 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8720169511859 |

## Related Documents

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | RC048B+ LED41S W30L120-IES.ies | Download |

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