



# SmartBright Plus Panel

## RC048B+ LED41S/865 PSU W60L60

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.

### Product data

| 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                 | 0.354 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                      |

## SmartBright Plus Panel

|                      |                 |
|----------------------|-----------------|
| 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                      | 595 mm                  |
| Overall width                       | 595 mm                  |
| Overall height                      | 59 mm                   |
| Dimensions (Height x Width x Depth) | 59 x 595 x 595 mm       |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK02 [0.2 J standard]   |
| Optical cover type                  | Opal                    |
| Net Weight (Piece)                  | 1.290 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 W60L60 |
| Full product name               | RC048B+ LED41S/865 PSU W60L60 |
| Full product code               | 87201695111899                |
| Order code                      | 911401846185                  |
| Material Nr. (12NC)             | 911401846185                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8720169511118                 |
| Numerator - Packs per outer box | 6                             |
| EAN/UPC - Case                  | 8720169511118                 |

