



# SmartBright Slim panel G3

## RC091V LED38S/865 PSU W60L60 G3 MR PCV

SmartBright Slim panel G3, 95 lm/W, 865 cool daylight

The Philips SmartBright range is comprised of a selection of essential LED luminaires that come with Philips high levels of quality at a competitive price. Reliable, energy efficient and affordable lighting solutions that you can count on to deliver what they promise. Philips SmartBright Slim Panels are our most affordable LED solution. The complete product family is available in multiple mounting types, product dimensions and lumen options to suit the widest range of applications. And thanks to the edge-lit structure, SmartBright panels deliver both higher system efficacy and excellent lighting uniformity. The essential range of LED slim panels for everyday installations.

### Product data

| General Information                |   | Optical cover type                       |               |
|------------------------------------|---|--|---------------|
| Light source engine type           | LED   | Acrylate                                 |               |
| Value ladder                       | Value                                       | Operating and Electrical                 |               |
| CE mark                            | CE mark                                     | Input Voltage                            | 220-240 V     |
| Flammability mark                  | For mounting on normally flammable surfaces | Line Frequency                           | 50 or 60 Hz   |
|                                    |   | Inrush current                           | 60 A          |
|                                    |   | Power Consumption                        | 40 W          |
|                                    |   | Power Factor (Fraction)                  | 0.9           |
|                                    |   | Number of products on MCB of 16 A type B | 26            |
| Light Technical                    |   | Temperature                              |               |
| Luminous Flux                      | 3,800 lm                                    | Ambient temperature range                | -10 to +35 °C |
| Correlated Color Temperature (Nom) | 6500 K                                      |  |               |
| Luminous Efficacy (rated) (Nom)    | 95 lm/W                                     |  |               |
| Color rendering index (CRI)        | >80   |  |               |
| Light source color                 | 865 cool daylight                           |  |               |

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## Controls and Dimming

|                   |    |
|-------------------|----|
| Dimmable          | No |
| Control interface | -  |

## Mechanical and Housing

|                                     |                       |
|-------------------------------------|-----------------------|
| Housing Material                    | Steel                 |
| Optical cover material              | Polystyrene           |
| Housing Color                       | White RAL 9003        |
| Optical cover finish                | Opal                  |
| Overall length                      | 597 mm                |
| Overall width                       | 597 mm                |
| Overall height                      | 8 mm                  |
| Effective projected area            | 0.3564 m <sup>2</sup> |
| Dimensions (Height x Width x Depth) | 8 x 597 x 597 mm      |

## Approval and Application

|                              |                         |
|------------------------------|-------------------------|
| Ingress protection code      | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard]   |
| Protection class IEC         | Safety class II         |

## Initial Performance (IEC Compliant)

|                             |                         |
|-----------------------------|-------------------------|
| Luminous flux tolerance     | +/-10%                  |
| Initial chromaticity        | (0.3123, 0.3282) SDCM≤5 |
| Power consumption tolerance | +/-10%                  |

## Product Data

|                                 |   |
|---------------------------------|---|
| Order product name              | RC091V LED38S/865 PSU W60L60 G3 MR<br>PCV |
| Full product name               | RC091V LED38S/865 PSU W60L60 G3 MR<br>PCV |
| Full product code               | 871951451090699                           |
| Order code                      | 911401878681                              |
| Material Nr. (12NC)             | 911401878681                              |
| Numerator - Quantity Per Pack   | 1   |
| EAN/UPC - Product/Case          | 8719514510906                             |
| Numerator - Packs per outer box | 6   |
| EAN/UPC - Case                  | 8719514511125                             |

## Dimensional drawing

