



# GreenPerform ultra efficient panel RC199B

## RC199V LED56/840 PSD W60L120 CAU UE

GreenPerform ultra efficient panel RC199B, 170 lm/W, 840 neutral white, DALI

GreenPerform ultra efficient panel is a direct lit panel with up to 170lm/w system efficacy (PSU driver) in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Interact system option and Dali interface are available for wide option for system connection. Its lower UGR offers better visual comfort as well.

### Product data

| General Information                |               | Operating and Electrical |                   |
|------------------------------------|---------------|--------------------------|-------------------|
| Number of gear units               | 1 unit        | Number of light sources  | 36                |
| Gear                               | -             | Light source color       | 840 neutral white |
| Driver included                    | Yes           | Optic type               | Beam angle 100°   |
| Light source engine type           | LED           | Unified glare rating CEN | 22                |
| Value ladder                       | Specification | Input Voltage            | 200 to 240 V      |
| Warranty period                    | 3 years       | Line Frequency           | 50 to 60 Hz       |
| Light Technical                    |               | Inrush current           | 16.5 A            |
| Luminous Flux                      | 5,600 lm      | Inrush time              | 177 ms            |
| Correlated Color Temperature (Nom) | 4000 K        | Power Consumption        | 33.5 W            |
| Luminous Efficacy (rated) (Nom)    | 170 lm/W      | Power Factor (Fraction)  | 0.9               |
| Color rendering index (CRI)        | 80            | Connection               | -                 |

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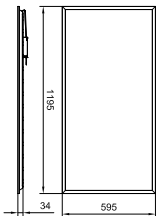
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|--|--|
| <b>Number of products on MCB of 16 A type B 60</b> |  |
| Suitable for random switching                      | Not applicable                               |
| Protection class IEC                               | Safety class II                              |
| <b>Controls and Dimming</b>                        |  |
| Dimmable   | DALI   |
| Control interface                                  | DALI   |
| Maximum dim level                                  | 0% (digital)                                 |
| <b>Mechanical and Housing</b>                      |  |
| Housing Material                                   | Aluminum extruded                            |
| Optic material                                     | Polystyrene                                  |
| Optical cover material                             | Polystyrene                                  |
| Housing Color                                      | White RAL 9003                               |
| Mounting device                                    | -  |
| Optical cover finish                               | Diamond                                      |
| Overall length                                     | 1,195 mm                                     |
| Overall width                                      | 595 mm                                       |
| Overall height                                     | 34 mm  |
| Overall diameter                                   | 1,195 mm                                     |
| Dimensions (Height x Width x Depth)                | 34 x 595 x 1195 mm                           |
| Ingress protection code                            | IP20/40 [Finger-protected, Emitting surface] |
| Mech. impact protection code                       | IK02 [0.2 J standard]                        |
| Optical cover type                                 | PS   |
| Net Weight (Piece)                                 | 3.100 kg                                     |

|                                    |  |
|------------------------------------|--|
| <b>Approval and Application</b>    |  |
| Glow-wire test                     | Temperature 650 °C, duration 30 s              |
| Flammability mark                  | -  |
| CE mark                            | Yes  |
| ENEC mark                          | -  |
| Photobiological risk               | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant                  | Yes  |
| Performance ambient temperature Tq | 25 °C  |
| Ambient temperature range          | -20 to +45 °C                                  |

|  |        |
|--|--------|
| <b>Initial Performance (IEC Compliant)</b> |        |
| Luminous flux tolerance                    | +/-10% |
| Power consumption tolerance                | +/-10% |

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Product Data</b>             |                                     |
| Order product name              | RC199V LED56/840 PSD W60L120 CAU UE |
| Full product name               | RC199V LED56/840 PSD W60L120 CAU UE |
| Order code                      | 911401549244                        |
| Material Nr. (12NC)             | 911401549244                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 2                                   |

## Dimensional drawing



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