



# GreenPerform ultra efficient panel RC199B

## RC199V LED39/840 PSU W60L60 UE CN

GreenPerform ultra efficient panel RC199B, 160 lm/W, 840 neutral white, Fixed Output

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                |                   | Optic type               |                 |
|------------------------------------|-------------------|--------------------------|-----------------|
| Number of gear units               | 1 unit            |                          | Beam angle 100° |
| Gear                               | -                 | Optical cover type       | PS              |
| Driver included                    | Yes               | Unified glare rating CEN | 22              |
| Light source engine type           | LED               | Operating and Electrical |                 |
| Light Technical                    |                   | Input Voltage            | 200 to 240 V    |
| Luminous Flux                      | 5,400 lm          | Line Frequency           | 50 to 60 Hz     |
| Luminous Efficacy (rated) (Nom)    | 160 lm/W          | Inrush current           | 39 A            |
| Correlated Color Temperature (Nom) | 4000 K            | Inrush time              | 210 ms          |
| Color rendering index (CRI)        | 80                | Power Consumption        | 33 W            |
| Number of light sources            | 144               | Power Factor (Fraction)  | 0.9             |
| Light source color                 | 840 neutral white | Connection               | -               |

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|   |   |
|---|---|
| Number of products on MCB of 16 A type B 15 |   |
| <b>Temperature</b>                          |   |
| Ambient temperature range                   | -20 to +45 °C                             |
| <b>Controls and Dimming</b>                 |   |
| Dimmable                                    | Fixed                                     |
| Control interface                           | Fixed Output                              |
| <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                              | 595 mm                                    |
| Overall width                               | 595 mm                                    |
| Overall height                              | 34 mm                                     |
| Overall diameter                            | 595 mm                                    |
| Dimensions (Height x Width x Depth)         | 34 x 595 x 595 mm                         |
| <b>Approval and Application</b>             |   |
| Ingress protection code                     | IP20/40 [Finger-protected,Wire-protected] |
| Mech. impact protection code                | IK02 [0.2 J standard]                     |
| Protection class IEC                        | Safety class II                           |
| Glow-wire test                              | Temperature 650 °C, duration 30 s         |

|                      |  |
|----------------------|--|
| Flammability mark    | -  |
| CE mark              | CE mark  |
| ENEC mark            | -  |
| Warranty period      | 3 years  |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant    | Yes  |

## Initial Performance (IEC Compliant)

|                             |        |
|-----------------------------|--------|
| Luminous flux tolerance     | +/-10% |
| Power consumption tolerance | +/-10% |

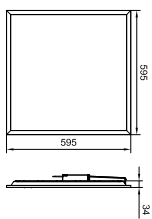
## Application Conditions

|                                    |                |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C          |
| Maximum dim level                  | 0% (digital)   |
| Suitable for random switching      | Not applicable |

## Product Data

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Order product name              | RC199V LED39/840 PSU W60L60 UE CN |
| Full product name               | RC199V LED39/840 PSU W60L60 UE CN |
| Order code                      | 911401559244                      |
| Material Nr. (12NC)             | 911401559244                      |
| Numerator - Quantity Per Pack   | 1                                 |
| Net Weight (Piece)              | 1.500 kg                          |
| Numerator - Packs per outer box | 4                                 |

## Dimensional drawing



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