



# RC160V

## RC160V LED54/830 W60L120 PSU 16

RC160V, 119 lm/W, 830 warm white, Fixed Output

GreenPerform Panel RC160V is an edge lit slim panel with high efficacy in the market. It offers 3 typical dimensions: 600x600; 300x1200 and 600x1200mm to fit most of indoor applications. Its lower UGR offers better visual comfort as well. In addition, RC160V offers easy connection to control system to bring better energy saving.

### Product data

| General Information                |                 |
|------------------------------------|-----------------|
| Number of gear units               | 1 unit          |
| Gear                               | -               |
| Driver included                    | Yes             |
| Light source engine type           | LED             |
| Service tag                        | Yes             |
| Value ladder                       | Performance     |
| Warranty period                    | 3 years         |
| Light Technical                    |                 |
| Luminous Flux                      | 5,450 lm        |
| Correlated Color Temperature (Nom) | 3000 K          |
| Luminous Efficacy (rated) (Nom)    | 119 lm/W        |
| Color rendering index (CRI)        | 80              |
| Number of light sources            | 384             |
| Light source color                 | 830 warm white  |
| Optic type                         | Beam angle 100° |
| Luminaire light beam spread        | 100°            |
| Unified glare rating CEN           | 16              |

| Operating and Electrical                    |                   |
|---------------------------------------------|-------------------|
| Input Voltage                               | 200 to 240 V      |
| Line Frequency                              | 50 to 60 Hz       |
| Inrush current                              | 380 A             |
| Inrush time                                 | 38 ms             |
| Power Consumption                           | 46 W              |
| Power Factor (Fraction)                     | 0.9               |
| Connection                                  | -                 |
| Number of products on MCB of 16 A type B 14 |                   |
| Suitable for random switching               | Not applicable    |
| Protection class IEC                        | Safety class II   |
| Controls and Dimming                        |                   |
| Dimmable                                    | Fixed             |
| Control interface                           | Fixed Output      |
| Maximum dim level                           | 0% (digital)      |
| Mechanical and Housing                      |                   |
| Housing Material                            | Aluminum extruded |
| Reflector material                          | -                 |

RC160V

|                                     |                          |
|-------------------------------------|--------------------------|
| Optic material                      | Polycarbonate            |
| 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                      | 39.5 mm                  |
| Overall diameter                    | 1,195 mm                 |
| Dimensions (Height x Width x Depth) | 40 x 595 x 1195 mm       |
| Ingress protection code             | IP20 [Finger-protected]  |
| Mech. impact protection code        | IK03 [0.3 J]             |
| Optical cover type                  | Polycarbonate bowl/cover |
| Net Weight (Piece)                  | 4.900 kg                 |

Approval and Application

|                   |                                   |
|-------------------|-----------------------------------|
| 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 +40 °C                                  |

Initial Performance (IEC Compliant)

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

Product Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Order product name              | RC160V LED54/830 W60L120 PSU 16 |
| Full product name               | RC160V LED54/830 W60L120 PSU 16 |
| Order code                      | 911401512232                    |
| Material Nr. (12NC)             | 911401512232                    |
| Numerator - Quantity Per Pack   | 1                               |
| Numerator - Packs per outer box | 2                               |

Dimensional drawing

