



# CoreLine Panel

## RC132V G4 LED34S/830 PSD W30L120 OC

830 warm white – Power supply unit with DALI interface

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Panel range of LED products can be used to replace functional luminaires in general lighting applications. Both Non-Office Compliant (NOC) version and Office Compliant version (OC) are now available. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Product data

| General Information           |  | Warranty period                         |   |
|-------------------------------|--|---|---|
| Beam angle of light source    | - °  | Warranty period                         | 5 years   |
| Light source colour           | 830 warm white                               | Constant light output                   | No  |
| Light source replaceable      | No   | Number of products on MCB (16 A type B) | 30  |
| Number of gear units          | 1 unit                                       | Photobiological risk                    | Photobiological risk group 0 @ 200mm to EN62471 |
| Driver/power unit/transformer | PSD [ Power supply unit with DALI interface] | EU RoHS compliant                       | Yes   |
| Driver included               | Yes  | Unified glare rating CEN                | 19  |
| Optic type                    | 90 [ Beam angle 90°]                         | <b>Light Technical</b>                  |   |
| Luminaire light beam spread   | 90°  | Saturated Red                           | <50   |
| Control interface             | -  | <b>Operating and Electrical</b>         |   |
| Connection                    | Connection unit 2-pole                       | Input Voltage                           | 220 to 240 V                                    |
| Cable                         | -  | Input frequency                         | 50 or 60 Hz                                     |
| Protection class IEC          | Safety class II (II)                         | Initial CLO power consumption           | - W   |
| Glow-wire test                | 650/30 [ Temperature 650 °C, duration 30 s]  | Average CLO power consumption           | - W   |
| Flammability mark             | NO [-]                                       | Inrush current                          | 14.1 A  |
| CE mark                       | CE mark                                      | Inrush time                             | 0.212 ms  |
| ENEC mark                     | ENEC mark                                    |   |   |

# CoreLine Panel

|                     |     |
|---------------------|-----|
| Power factor (min.) | 0.9 |
|---------------------|-----|

## Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

## Mechanical and Housing

|                                     |   |
|-------------------------------------|---|
| Housing material                    | Steel                                   |
| Reflector material                  | Acrylate                                |
| Optic material                      | Polystyrene                             |
| Optical cover/lens material         | Polystyrene                             |
| Fixation material                   | -                                       |
| Optical cover/lens finish           | Opal                                    |
| Overall length                      | 1195 mm                                 |
| Overall width                       | 295 mm                                  |
| Overall height                      | 11 mm                                   |
| Colour                              | White                                   |
| Dimensions (height x width x depth) | 11 x 295 x 1195 mm (0.4 x 11.6 x 47 in) |

## Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP20/44 [ Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code | IK03 [ 0.3 J]   |

## Initial Performance (IEC Compliant)

|                                     |                      |
|-------------------------------------|----------------------|
| Initial luminous flux (system flux) | 3400 lm              |
| Luminous flux tolerance             | +/-10%               |
| Initial LED luminaire efficacy      | 117 lm/W             |
| Init. Corr. Colour Temperature      | 3000 K               |
| Init. Colour rendering index        | >80                  |
| Initial chromaticity                | (0.44, 0.41) SDCM ≤3 |
| Initial input power                 | 29 W                 |
| Power consumption tolerance         | +/-10%               |

## Over Time Performance (IEC Compliant)

|  |     |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 35,000 h        | -   |
| Lumen maintenance at median useful life* 50,000 h        | L80 |
| Lumen maintenance at median useful life* 75,000 h        | -   |
| Lumen maintenance at median useful life* 100,000 h       | -   |

## Application Conditions

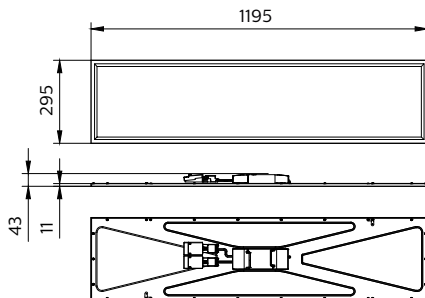
|                                    |                |
|------------------------------------|----------------|
| Ambient temperature range          | +10 to +40 °C  |
| Performance ambient temperature Tq | 25 °C          |
| Maximum dimming level              | 1%             |
| Suitable for random switching      | Not applicable |

## Product Data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Full product code                 | 871016336052200                     |
| Order product name                | RC132V G4 LED34S/830 PSD W30L120 OC |
| EAN/UPC – product                 | 8710163360522                       |
| Order code                        | 36052200                            |
| SAP numerator – quantity per pack | 1                                   |
| Numerator – packs per outer box   | 1                                   |
| SAP material                      | 911401879680                        |
| SAP net weight (piece)            | 2.900 kg                            |

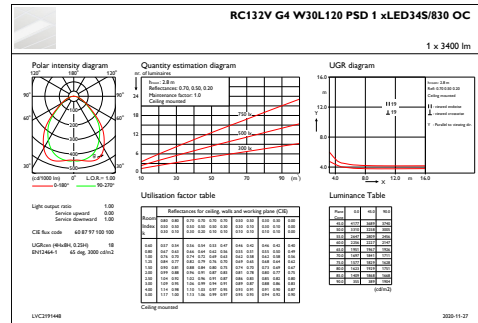
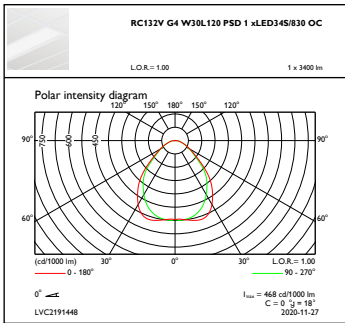


## Dimensional drawing



CoreLine Panel RC132V/RC133V

## Photometric data



OFPC1\_RC132VG4W30L120PSD1xLED34S830OC

IFGU1\_RC132VG4W30L120PSD1xLED34S830OC

