

# CoreLine Panel

## RC132V LED36S/840 PSD W60L60 ELB3 OC

CORELINE PANEL - LED module 3600 lm - 840 neutral 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           |                                       |  |   |
|-------------------------------|---------------------------------------|--|---|
| Lamp family code              | LED36 [ LED module 3600 lm]           | Flammability mark                        | For mounting on normally flammable surfaces   |
| Beam angle of light source    | 120 °                                 | CE mark                                  | CE mark   |
| Light source color            | 840 neutral white                     | ENEC mark                                | -   |
| Cap-Base                      | - [ -]                                | Warranty period                          | 3 years + 2 years upon registration   |
| Light source replaceable      | No                                    | Remarks                                  | Please download the Lighting - Product Data Sheet for more information and ordering options |
| Number of gear units          | 1 unit                                | Constant light output                    | No  |
| Gear                          | -                                     | Number of products on MCB of 16 A type B | 24  |
| Driver/power unit/transformer | Power supply unit with DALI interface | RoHS mark                                | RoHS mark   |
| Driver included               | Yes                                   | Product family code                      | RC132V [ CORELINE PANEL]  |
| Optic type                    | -                                     | Unified glare rating CEN                 | 19  |
| Luminaire light beam spread   | 100°                                  | Operating and Electrical                 |   |
| Control interface             | DALI                                  | Input Voltage                            | 220 to 240 V  |
| Connection                    | Push-in connector and pull relief     | Input Frequency                          | 50 to 60 Hz   |
| Cable                         | -                                     |  |   |
| Protection class IEC          | Safety class I                        |  |   |
| Glow-wire test                | Temperature 650 °C, duration 30 s     |  |   |

## CoreLine Panel

|                               |          |
|-------------------------------|----------|
| Control signal voltage        | -        |
| Initial CLO power consumption | - W W W  |
| Average CLO power consumption | 35 W     |
| End CLO power consumption     | - W      |
| Inrush current                | 20.4 A   |
| Inrush time                   | 0.195 ms |
| Power Factor (Min)            | 0.9      |

### Controls and Dimming

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

### Mechanical and Housing

|                             |                         |
|-----------------------------|-------------------------|
| Housing Material            | Aluminum                |
| Reflector material          | -                       |
| Optic material              | Polymethyl methacrylate |
| Optical cover/lens material | Polymethyl methacrylate |
| Gear tray material          | NO                      |
| Fixation material           | Aluminum                |
| Optical cover/lens finish   | Opal                    |
| Overall length              | 597 mm                  |
| Overall width               | 597 mm                  |
| Overall height              | 28 mm                   |
| Length                      | - mm                    |
| Width                       | - mm                    |
| Height                      | 50 mm                   |
| Diameter                    | -                       |
| Color                       | White                   |

### Approval and Application

|                              |   |
|------------------------------|---|
| Ingress protection code      | IP20/44 [ Finger-protected; wire-protected, splash-proof] |
| Mech. impact protection code | IK02 [ 0.2 J standard]                                    |

### Initial Performance (IEC Compliant)

|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 3600 lm |
| Luminous flux tolerance             | +/-10%  |

|                                |                      |
|--------------------------------|----------------------|
| Initial LED luminaire efficacy | 100 lm/W             |
| Init. Corr. Color Temperature  | 4000 K               |
| Init. Color Rendering Index    | ≥80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM <3 |
| Initial input power            | 40 W                 |
| Power consumption tolerance    | +/-10%               |

### Over Time Performance (IEC Compliant)

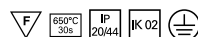
|   |         |
|---|---------|
| Control gear failure rate at median useful life 50000 h | 5 %     |
| Median useful life L70B50                               | 50000 h |
| Median useful life L80B50                               | 30000 h |
| Median useful life L90B50                               | 15000 h |
| Lumen maintenance at median useful life* 50000 h        | L80     |

### Application Conditions

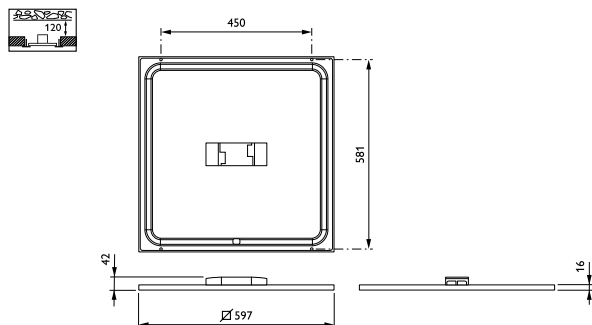
|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dim level                  | 1%            |
| Suitable for random switching      | Yes           |

### Product Data

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Full product code               | 871869940130600                   |
| Order product name              | RC132V LED36S/840 PSD W60L60 ELB3 |
|                                 | OC                                |
| EAN/UPC - Product               | 8718699401306                     |
| Order code                      | 910500465357                      |
| Numerator - Quantity Per Pack   | 1                                 |
| Numerator - Packs per outer box | 1                                 |
| Material Nr. (12NC)             | 910500465357                      |
| Net Weight (Piece)              | 6.500 kg                          |



## Dimensional drawing



CoreLine Panel RC132V/RC133V

## CoreLine Panel

