



# SlimBlend Rectangular, recessed

## RC400B LED36S/840 POE W30L120 VPC

SlimBlend recessed mod. 600 - 840 neutral white - Luminaire controller with power over Ethernet - RJ45 connector - Safety class III (III)

Office regulation-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting that smoothly blends into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics, thanks to integrated control options, it also creates a special blending of light. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure, enabling data on usage to be collected to help reduce energy costs and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling-mounted lights can take advantage of this luminaire family. SlimBlend comes in square and rectangular and can be either recessed, surface-mounted or suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast ROI for offices.

### Product data

## SlimBlend Rectangular, recessed

| General Information           |   |
|-------------------------------|---|
| Beam angle of light source    | 120 °   |
| Lamp colour code              | 840 neutral white   |
| Light source replaceable      | No  |
| Number of gear units          | 1 unit  |
| Driver/power unit/transformer | POE [ Luminaire controller with power over Ethernet]  |
| Driver included               | Yes   |
| Optic type                    | No [-]  |
| Luminaire light beam spread   | 120°  |
| Control interface             | Power over Ethernet   |
| Connection                    | RJ45 [ RJ45 connector]  |
| Cable                         | -   |
| Protection class IEC          | Safety class III (III)  |
| Glow-wire test                | 650/5 [ Temperature 650 °C, duration 5 s]   |
| Flammability mark             | F [ For mounting on normally flammable surfaces]  |
| CE mark                       | CE mark   |
| ENEC mark                     | ENEC mark   |
| Warranty period               | 5 years   |
| Remarks                       | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output         | No  |
| Number of products on MCB     | -   |
| RoHS mark                     | RoHS mark   |
| Accessory PFC                 | -   |
| Product Family Code           | RC400B [ SlimBlend recessed mod. 600]   |
| Unified glare rating CEN      | 19  |
| Operating and Electrical      |   |
| Input voltage                 | 220-240 V   |
| Input frequency               | 50 to 60 Hz   |
| Inrush current                | 5 A   |
| Inrush time                   | 1 ms  |
| Power factor (min.)           | 0.9   |
| Controls and Dimming          |   |
| Dimmable                      | Yes   |
| Mechanical and Housing        |   |
| Housing material              | Stainless steel   |
| Reflector material            | -   |
| Optic material                | Polymethyl methacrylate   |

|                                     |   |
|-------------------------------------|---|
| Optical cover/lens material         | Polymethyl methacrylate                 |
| Fixation material                   | -                                       |
| Optical cover/lens finish           | Textured                                |
| Overall length                      | 1197 mm                                 |
| Overall width                       | 297 mm                                  |
| Overall height                      | 52 mm                                   |
| Diameter                            | -                                       |
| Colour                              | White                                   |
| Dimensions (height x width x depth) | 52 x 297 x 1197 mm (2 x 11.7 x 47.1 in) |

### Approval and Application

|                              |                          |
|------------------------------|--------------------------|
| Ingress protection code      | IP20 [ Finger-protected] |
| Mech. impact protection code | IK02 [ 0.2 J standard]   |

### Initial Performance (IEC Compliant)

|                                |                     |
|--------------------------------|---------------------|
| Initial luminous flux          | 3600 lm             |
| Luminous flux tolerance        | +/-10%              |
| Initial LED luminaire efficacy | 114 lm/W            |
| Lamp colour temperature        | 4000 K              |
| Colour Rendering Index         | 80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM<3 |
| Initial input power            | 31.5 W              |
| Power consumption tolerance    | +/-10%              |

### Over Time Performance (IEC Compliant)

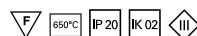
|  |     |
|--|-----|
| Control gear failure rate at median useful life 50,000 h | 5 % |
| Lumen maintenance at median useful life* 50,000 h        | L80 |

### Application Conditions

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

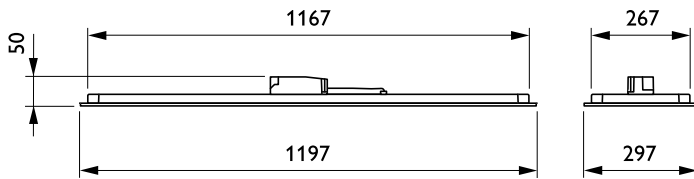
### Product Data

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Full product code               | 871869917686000                   |
| Order product name              | RC400B LED36S/840 POE W30L120 VPC |
| EAN/UPC – product               | 8718699176860                     |
| Order code                      | 910500459941                      |
| Numerator – quantity per pack   | 1                                 |
| Numerator – packs per outer box | 1                                 |
| Material no. (12NC)             | 910500459941                      |
| Net weight (piece)              | 5.700 kg                          |



## SlimBlend Rectangular, recessed

### Dimensional drawing



SlimBlend Recessed RC400B/RC402B

