



# SlimBlend Square, surface mounted

## SM400C LED36S/840 PSU W60L60

SlimBlend mounted module 600, 840 neutral white, Power supply unit (On/Off), Push-in connector and pull relief

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**

| General Information         | Number of gear units | Unit |
|-----------------------------|----------------------|------|
| Light source replaceable No | Driver included      | Yes  |

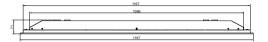
Datasheet, 2023, April 29 data subject to change

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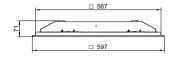
| Remarks                                    | *- According to the Lighting Europe guidance    | Constant light output                      | No                           |
|--|---|--|------------------------------|
|  | paper 'Evaluating performance of LED based      |  |                              |
|  | luminaires – January 2018': statistically there | Mechanical and Housing                     |                              |
|  | is no relevant difference in lumen              | Housing material                           | Stainless steel              |
|  | maintenance between the B50 and, for            | Reflector material                         | -                            |
|  | example, the B10. Therefore, the median         | Optic material                             | Polymethyl methacrylate      |
|  | useful life (B50) value also represents the     | Optical cover/lens material                | Polymethyl methacrylate      |
|  | B10 value.                                      | Fixation material                          | Steel                        |
| Product family code                        | SM400C [SlimBlend mounted module 600]           | Housing Colour                             | White                        |
| Lighting Technology                        | LED   | Optical cover/lens finish                  | Textured                     |
| Value ladder                               | Specification                                   | Overall length                             | 600 mm                       |
| CE mark                                    | Yes   | Overall width                              | 600 mm                       |
| Warranty period                            | 5 years   | Overall height                             | 52 mm                        |
| Flammability mark                          | For mounting on normally flammable              | Dimensions (height x width x depth)        | 52 x 600 x 600 mm            |
|  | surfaces  |  |                              |
| ENEC mark                                  | ENEC mark                                       | Approval and Application                   |                              |
| Glow-wire test                             | Temperature 650 °C, duration 5 s                | Ingress protection code                    | IP20 [Finger-protected]      |
| EU RoHS compliant                          | Yes   | Mech. impact protection code               | IK02 [0.2 J standard]        |
|  |   | Protection class IEC                       | Safety class II              |
| Light Technical                            |   |  |                              |
| Luminous Flux                              | 3,600 lm  | Initial Performance (IEC Compliant)        |                              |
| Correlated Colour Temperature              | 4000 K  | Luminous flux tolerance                    | +/-10%                       |
| Luminous efficacy (rated) (nom.)           | 107 lm/W  | Initial chromaticity                       | (0.38, 0.38) SDCM<3          |
| Colour rendering index (CRI)               | 80  | Power consumption tolerance                | +/-10%                       |
| Beam angle of light source                 | 120 degree(s)                                   |  |                              |
| Light source colour                        | 840 neutral white                               | Over Time Performance (IEC Compli          | ant)                         |
| Optic type                                 | -   | Control gear failure rate at median useful | 5 %                          |
| Luminaire light beam spread                | 120°  | life 50,000 h                              |                              |
| Unified Glare Rating (CEN)                 | 19  | Lumen maintenance at median useful life*   | ' L80                        |
| Oncorting and Floatwicel                   |   | 50,000 h                                   |                              |
| Operating and Electrical                   | 220, 240 V                                      |  |                              |
| Input Voltage                              | 220-240 V                                       | Application Conditions                     |                              |
| Line Frequency Inrush current              | 50 to 60 Hz                                     | Performance ambient temperature Tq         | 25 ℃                         |
|  | 18 A  | Suitable for random switching              | Yes                          |
| Inrush time                                | 0.250 ms  |  |                              |
| Power Consumption  Power Factor (Fraction) | 33.5 W<br>0.9                                   | Product Data                               |                              |
| Connection                                 | Push-in connector and pull relief               | Order product name                         | SM400C LED36S/840 PSU W60L60 |
| Cable                                      | rusii-iii connector and putt retier             | Full product name                          | SM400C LED36S/840 PSU W60L60 |
| Number of products on MCB of 16 A type     | 30  | Full EOC                                   | 871869917709600              |
| B  | 30  | Order code                                 | 17709600                     |
|  | _   | Material no. (12 NC)                       | 910500459962                 |
| Temperature                                |   | SAP numerator – quantity per pack          | 1                            |
| Ambient temperature range                  | +10 to +40 °C                                   | EAN/UPC — Product/Case                     | 8718699177096                |
| Ambient temperature range                  | -10.00.40.0                                     | Numerator – packs per outer box            | 1                            |
| Controls and Dimming                       | -   | EAN/UPC - Case                             | 8718699177096                |
| Dimmable                                   | No  |  |                              |
| Driver/power unit/transformer              | Power supply unit (On/Off)                      |  |                              |
| 5.1751/power unity datistornier            | i ower supply unit (On/On)                      |  |                              |

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### Dimensional drawing











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