



DayZone

BBS560 LED35S/840 PSD AC-MLO-C W

DayZone recessed square, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Acrylate micro-lens optic with circle, Plug-in connector 3-pole Wieland/Adels compatible

For general office lighting, customers want to capture the benefits LED technology has to offer – sustainability and fresh, high-impact design, without compromising visual comfort. Our DayZone recessed LED luminaire delivers high-quality functional lighting with an energy efficiency that matches or even outperforms traditional fluorescent systems. But what makes DayZone really shine is its impressive visual comfort. Our innovative use of LED technology has created a luminaire that breaks away from fluorescent lighting designs of the past to offer a striking appearance and light effect. Glare control and color consistency are compliant with future office norms. DayZone is available in square versions and, to ensure a better fit in plaster ceiling applications, in a round housing.

Product data

| General Information | | between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. |
|--------------------------|--|--|
| Lamp family code | LED35S [LED Module, system flux 3500 lm] | |
| Cap base | - [-] | |
| Light source replaceable | No | |
| Number of gear units | Unit | |
| Gear | - | |
| Driver included | Yes | |
| Remarks | *- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance | |

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|---------------------|---|
| Product family code | BBS560 [DayZone recessed square] |
| Lighting Technology | LED |
| Embedded control | - |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |
| Glow-wire test | Temperature 650 °C, duration 5 s |

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| EU RoHS compliant | Yes |
| Light Technical | |
| Luminous Flux | 3,500 lm |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 103 lm/W |
| Colour rendering index (CRI) | ≥80 |
| Light source colour | 840 neutral white |
| Optic type | - |
| Optical cover type | Acrylate micro-lens optic with circle |
| Luminaire light beam spread | 130° |
| Unified Glare Rating (CEN) | Not applicable |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 48 A |
| Inrush time | 1 ms |
| Power Consumption | 34 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Plug-in connector 3-pole Wieland/Adels compatible |
| Cable | - |
| Number of products on MCB of 16 A type B | 24 |
| Temperature | |
| Ambient temperature range | +10 to +40 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |
| Mechanical and Housing | |
| Housing material | Steel |
| Reflector material | Aluminium |

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|-------------------------------------|----------------------------------|
| Optic material | - |
| Optical cover/lens material | Acrylate |
| Fixation material | - |
| Housing Colour | White |
| Optical cover/lens finish | Textured |
| Overall length | 597 mm |
| Overall width | 597 mm |
| Overall height | 105 mm |
| Dimensions (height x width x depth) | 105 x 597 x 597 mm |
| Approval and Application | |
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 1% |
| Suitable for random switching | No |
| Product Data | |
| Order product name | BBS560 LED35S/840 PSD AC-MLO-C W |
| Full product name | BBS560 LED35S/840 PSD AC-MLO-C W |
| Full EOC | 871829127295300 |
| Order code | 27295300 |
| Material no. (12 NC) | 910502003303 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8718291272953 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718291272953 |

Dimensional drawing



