



DayZone – innovative design meets sustainability

DayZone

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.

Benefits

- Inspiring design
- Sustainable solution
- Visual comfort

Features

- Lumen packages for both 500 and 300 lux environments
- Dedicated MLO optic design
- Special patented light-mixing chamber
- Round housing available for plaster ceiling applications

Application

- Offices
- Retail
- Hospitality
- Healthcare

Specifications

| | |
|---|--|
| Type | BBS560 (module size: 600 mm) |
| | BBS562 (module size: 625 mm) |
| | BBS567 (module size: 675 mm) |
| | BBS561 (round housing) |
| Ceiling type | Exposed- and symmetrical concealed T-bar ceiling and plaster (board) ceiling |
| Ceiling grid | Module size in length: 600 x 600 mm |
| | Module size in length: 625 x 625 mm |
| | Module size in length: 675 x 675 mm |
| Light source | Philips DayZone LED module |
| Power (steady state in W, +/- 10%) | 4000 K: 51 W (LED35S) 3000 K: 55 W (LED35S) |
| Beam angle | 90° |

| | |
|------------------------------------|------------------------------|
| Luminous flux | 3500 lm (independent of CCT) |
| Correlated Color | 3000 or 4000 K |
| Temperature | |
| Color Rendering Index | 80 |
| Median useful life L70B50 | 70,000 hours |
| Median useful life L80B50 | 50,000 hours |
| Median useful life L90B50 | 25,000 hours |
| Driver failure rate | 1% per 5000 hours |
| Average ambient temperature | +25 °C |
| Operating temperature | +10°C < T |
| Driver | Built-in |
| Mains voltage | 230 or 240 V / 50 - 60 Hz |

Specifications

| | |
|------------------------------|---|
| Dimming | Compatible with DALI controllers |
| Controls system input | DALI |
| Optical cover | OLC micro-lens optic, partial (AC-MLO-C) |
| | OLC micro-lens optic, full (AC-MLO)* |
| | OLC micro-lens optic, partial (PC-MLO-C) |
| | OLC micro-lens optic, full (PC-MLO)* |
| | *not for BBS561 |
| Options | Emergency lighting (integrated): 3 hours (EL3)* |
| | Lighting controls: Actilume multi-controller (ACL)* |
| | Compatible with DALI (only relating to dimmable driver PSD) |
| | Euro fuse (FU) included |
| | *not for BBS561 |
| Materials | Housing: zinc-coated steel |
| | Rim: post lacquered |
| | Optical cover: acrylic (AC-MLO), polycarbonate (PC-MLO) |
| Color | White (WH), silver grey (SI) |
| | Standard RAL colors available on request |

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|--------------------------|--|
| Installation | Exposed ceilings: in lay, no brackets needed |
| | Concealed ceilings: bracket ZBS460 SMB (1 set = 4 pcs) reach is 25 - 65 mm |
| | Concealed ceiling with T-bar 38 mm: bracket ZBS460 SMB-TPM (1 set = 4 pcs) |
| | Brackets for plaster ceilings ZBS460 SMB-PLC (1 set = 12/24 pcs)* |
| | Through-wiring possible *Suspension brackets are included for BBS561 |
| Connection | Push-in connector (PI) or with pull relief (PIP) |
| | Wieland connector GST 18, 3 or 4 poles (W, W4) |
| Accessories | Suspension bracket sets: ZBS460 SMB (4PCS), ZBS460 SMB-TPM (4PCS), ZBS460 SMB-PLC (12/24PCS) |
| Remarks | Protection foil to protect the optic during installation |
| Main applications | Office, retail, hospitality, healthcare |

Versions

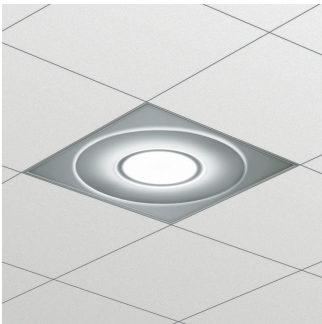
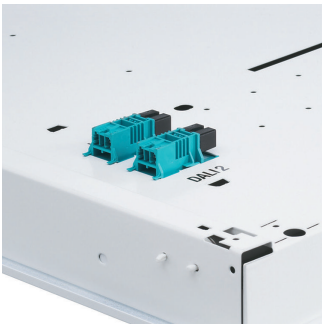
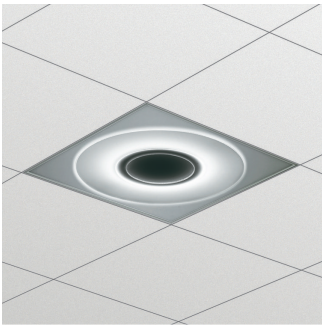
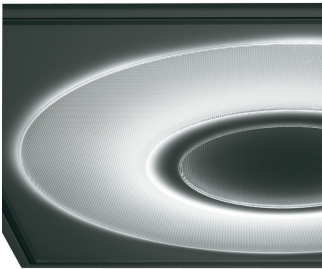


DayZone BBS560 recessed, 600 x 600 mm module



DayZone BBS561 recessed LED luminaire with partial acrylic Micro-Lens Optic (AC-MLO-C)

Product details



Product details



Accessories

Brackets for plaster ceilings

Ordercode 910403202503,
910403204103



Brackets for concealed ceilings with
T-bar 38 mm

Ordercode 910403202603



Application Conditions

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|-------------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
| Maximum dim level | 1% |
| Suitable for random switching | No |

Approval and Application

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|------------------------------|------|
| Mech. impact protection code | IK02 |
| Ingress protection code | IP40 |

Controls and Dimming

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| Dimmable | Yes |
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Operating and Electrical

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|---------------|--------------|
| Input Voltage | 220 to 240 V |
|---------------|--------------|

General Information

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|--------------------------|--------------------|
| Cap-Base | - |
| CE mark | CE mark |
| Protection class IEC | Safety class I (I) |
| Optical cover/lens type | AC-MLO-C |
| Driver included | Yes |
| Emergency lighting | No |
| ENEC mark | ENEC mark |
| Flammability mark | F |
| Gear | - |
| Glow-wire test | 650/5 |
| Lamp family code | LED35S |
| Embedded control | No |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Number of light sources | 1 |
| Optic type | No |
| UL mark | No |

Initial Performance (IEC Compliant)

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|--------------------------------|-------------------------|
| Initial chromaticy | (0.38, 0.38) SDCM <3 |
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour Rendering Index | ≥80 |
| Initial LED luminaire efficacy | 103 lm/W |
| Initial luminous flux | 3500 lm |
| Luminous flux tolerance | +/-10% |
| Initial input power | 34 W |

Mechanical and Housing

| | |
|--------|-------|
| Colour | White |
|--------|-------|

General Information

| Order Code | Full Product Name | Product Family Code |
|--------------|-------------------------------------|---------------------|
| 910502003303 | BBS560 LED35S/840 PSD AC-MLO-C W | BBS560 |
| 910502003403 | BBS560 LED35S/840 PSD AC-MLO-C PI | BBS560 |
| 910502004903 | BBS560 LED35S/840 PSD AC-MLO-C W SC | BBS560 |
| 910502004503 | BBS561 LED35S/840 PSD AC-MLO-C W | BBS561 |

