

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 package enabling 500 lux using conventional luminaire spacing
- 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

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

Product details



DayZone offers inspiring design featuring a dedicated MLO optic



Special patented mixing chamber concept delivers overhead glare control through LED shielding and color consistency throughout the fixture by means of highly reflective coating technology



DayZone only outer zone lit



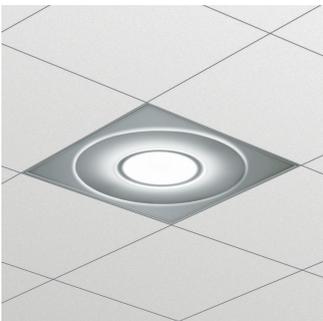
MLO cover can be opened for easy servicing



Connection block 2 x T-BST14 (Wieland)



Connection block T-GST18 (Wieland)



DayZone both inner- and outer zone lit



DayZone recessed round BBS561 with white rim

Product details

MLO cover can be opened for easy servicing



Accessories

Brackets for plaster ceilings

Ordercode 49305399



Brackets for concealed ceilings with T-bar 38 mm

Ordercode 49303999



Application Conditions

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

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP40

Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

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	-

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	≥80
Initial luminous flux	3500 lm
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White
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General Information

Order Code	Full Product Name	Product Family Code
27296000	BBS560 LED35S/840 PSD AC-MLO-C PI	BBS560
27299100	BBS560 LED35S/830 PSD AC-MLO-C PI	BBS560
27311000	BBS560 LED35S/840 PSD AC-MLO-C W SC	BBS560
27307300	BBS561 LED35S/840 PSD AC-MLO-C W	BBS561

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power	Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27296000	BBS560 LED35S/840 PSD AC-MLO-C PI	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W	27311000	BBS560 LED35S/840 PSD AC-MLO-C W SC	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27299100	BBS560 LED35S/830 PSD AC-MLO-C PI	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W	27307300	BBS561 LED35S/840 PSD AC-MLO-C W	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W

