



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°

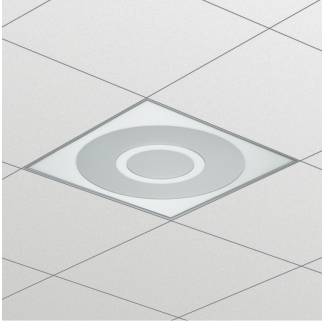
Luminous flux	3500 lm (independent of CCT)
Correlated Color	3000 or 4000 K
Temperature	
Color Rendering Index	80
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
Driver failure rate	1% per 5000 hours
Average ambient temperature	+25 °C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

Specifications

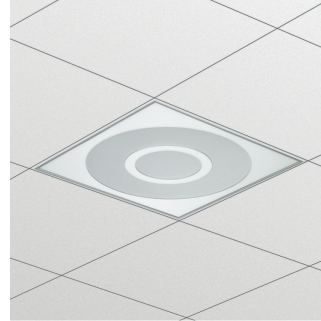
Dimming	Compatible with DALI controllers
Controls system input	DALI
Optical cover	OLC micro-lens optic, partial (AC-MLO-C)
	OLC micro-lens optic, full (AC-MLO)*
	OLC micro-lens optic, partial (PC-MLO-C)
	OLC micro-lens optic, full (PC-MLO)*
	*not for BBS561
Options	Emergency lighting (integrated): 3 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

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 BBS562 recessed, 625 x 625 mm module

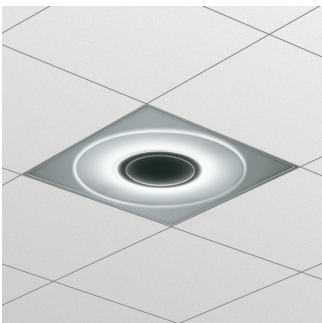
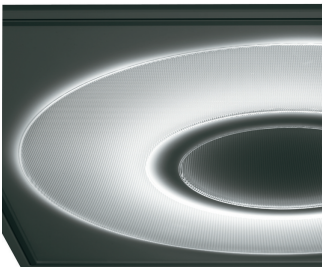


DayZone BBS561 recessed LED luminaire with partial acrylic Micro-Lens Optic (AC-MLO-C)

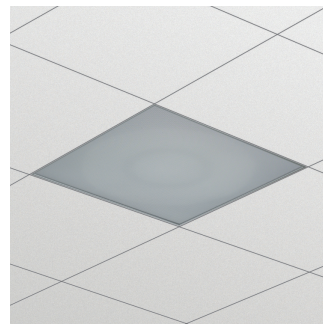
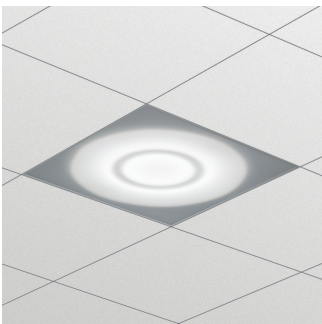
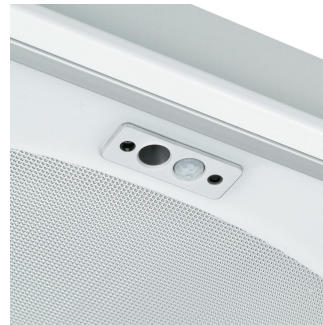
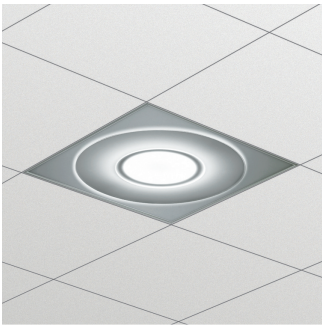
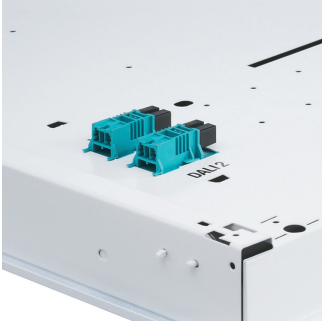


DayZone BBS560 recessed LED luminaire with full acrylic or polycarbonate Micro-Lens Optic (AC-MLO/PC-MLO)

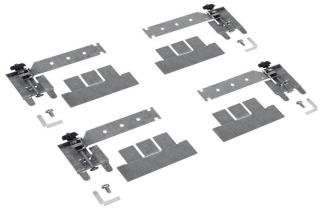
Product details



Product details



Accessories



Brackets for concealed ceilings

Ordercode 49307799

Application Conditions

Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Maximum dim level	1%

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
Driver included	Yes
Emergency lighting	No
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	Temperature 650 °C, duration 5 s
Lamp family code	LED35S
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)

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

Mechanical and Housing

Colour	White
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Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

Application Conditions

Order Code	Full Product Name	Suitable for random switching
27295300	BBS560 LED35S/840 PSD AC-MLO-C W	No
27296000	BBS560 LED35S/840 PSD AC-MLO-C PI	No
27297700	BBS560 LED35S/840 PSD AC-MLO-C ACL W	Yes (relates to presence/ movement detection and daylight harvesting)
27298400	BBS560 LED35S/830 PSD AC-MLO-C W	No
27300400	BBS560 LED35S/830 PSD AC-MLO-C ACL W	Yes (relates to presence/ movement detection and daylight harvesting)
27312700	BBS560 LED35S/840 PSD AC-MLO-C ACL W SC	Yes (relates to presence/ movement detection and daylight harvesting)
27313400	BBS560 LED35S/830 PSD AC-MLO-C W SC	No
27314100	BBS560 LED35S/830 PSD AC-MLO-C ACL W SC	Yes (relates to presence/ movement detection and daylight harvesting)
27301100	BBS562 LED35S/840 PSD AC-MLO-C W	No
27302800	BBS562 LED35S/840 PSD AC-MLO-C PI	No
27303500	BBS562 LED35S/840 PSD AC-MLO-C ACL W	Yes (relates to presence/ movement detection and daylight harvesting)
27304200	BBS562 LED35S/830 PSD AC-MLO-C W	No
27305900	BBS562 LED35S/830 PSD AC-MLO-C PI	No
27306600	BBS562 LED35S/830 PSD AC-MLO-C ACL W	Yes (relates to presence/ movement detection and daylight harvesting)
27307300	BBS561 LED35S/840 PSD AC-MLO-C W	No
27308000	BBS561 LED35S/840 PSD AC-MLO-C PI	No
27309700	BBS561 LED35S/830 PSD AC-MLO-C W	No
27315800	BBS561 LED35S/840 PSD AC-MLO-C W SC	No
27316500	BBS561 LED35S/830 PSD AC-MLO-C W SC	No
27317200	BBS560 LED35S/840 PSD AC-MLO W	No

General Information

Order Code	Full Product Name	Optical cover/lens type	Embedded control	Product Family Code	Standard RAL colour
27295300	BBS560 LED35S/840 PSD AC-MLO-C W	AC-MLO-C	No	BBS560	Traffic white (9016)
27296000	BBS560 LED35S/840 PSD AC-MLO-C PI	AC-MLO-C	No	BBS560	-
27297700	BBS560 LED35S/840 PSD AC-MLO-C ACL W	AC-MLO-C	ACL	BBS560	-
27298400	BBS560 LED35S/830 PSD AC-MLO-C W	AC-MLO-C	No	BBS560	-
27300400	BBS560 LED35S/830 PSD AC-MLO-C ACL W	AC-MLO-C	ACL	BBS560	-
27312700	BBS560 LED35S/840 PSD AC-MLO-C ACL W SC	AC-MLO-C	ACL	BBS560	-
27313400	BBS560 LED35S/830 PSD AC-MLO-C W SC	AC-MLO-C	No	BBS560	-
27314100	BBS560 LED35S/830 PSD AC-MLO-C ACL W SC	AC-MLO-C	ACL	BBS560	-
27301100	BBS562 LED35S/840 PSD AC-MLO-C W	AC-MLO-C	No	BBS562	-
27302800	BBS562 LED35S/840 PSD AC-MLO-C PI	AC-MLO-C	No	BBS562	-

Order Code	Full Product Name	Optical cover/lens type	Embedded control	Product Family Code	Standard RAL colour
27303500	BBS562 LED35S/840 PSD AC-MLO-C ACL W	AC-MLO-C	ACL	BBS562	-
27304200	BBS562 LED35S/830 PSD AC-MLO-C W	AC-MLO-C	No	BBS562	-
27305900	BBS562 LED35S/830 PSD AC-MLO-C PI	AC-MLO-C	No	BBS562	-
27306600	BBS562 LED35S/830 PSD AC-MLO-C ACL W	AC-MLO-C	ACL	BBS562	-
27307300	BBS561 LED35S/840 PSD AC-MLO-C W	AC-MLO-C	No	BBS561	-
27308000	BBS561 LED35S/840 PSD AC-MLO-C PI	AC-MLO-C	No	BBS561	-
27309700	BBS561 LED35S/830 PSD AC-MLO-C W	AC-MLO-C	No	BBS561	-
27315800	BBS561 LED35S/840 PSD AC-MLO-C W SC	AC-MLO-C	No	BBS561	-
27316500	BBS561 LED35S/830 PSD AC-MLO-C W SC	AC-MLO-C	No	BBS561	-
27317200	BBS560 LED35S/840 PSD AC-MLO W	AC-MLO	No	BBS560	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27295300	BBS560 LED35S/840 PSD AC-MLO-C W	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27296000	BBS560 LED35S/840 PSD AC-MLO-C PI	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27297700	BBS560 LED35S/840 PSD AC-MLO-C ACL W	(0.38, 0.38) SDCM <3	4000 K	100 lm/W	35 W
27298400	BBS560 LED35S/830 PSD AC-MLO-C W	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W
27300400	BBS560 LED35S/830 PSD AC-MLO-C ACL W	(0.43, 0.40) SDCM <3	3000 K	93 lm/W	37.5 W
27312700	BBS560 LED35S/840 PSD AC-MLO-C ACL W SC	(0.38, 0.38) SDCM <3	4000 K	100 lm/W	35 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27313400	BBS560 LED35S/830 PSD AC-MLO-C W SC	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W
27314100	BBS560 LED35S/830 PSD AC-MLO-C ACL W SC	(0.43, 0.40) SDCM <3	3000 K	93 lm/W	37.5 W
27301100	BBS562 LED35S/840 PSD AC-MLO-C W	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27302800	BBS562 LED35S/840 PSD AC-MLO-C PI	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27303500	BBS562 LED35S/840 PSD AC-MLO-C ACL W	(0.38, 0.38) SDCM <3	4000 K	100 lm/W	35 W
27304200	BBS562 LED35S/830 PSD AC-MLO-C W	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27305900	BBS562 LED35S/830 PSD AC-MLO-C PI	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W
27306600	BBS562 LED35S/830 PSD AC-MLO-C ACL W	(0.43, 0.40) SDCM <3	3000 K	93 lm/W	37.5 W
27307300	BBS561 LED35S/840 PSD AC-MLO-C W	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27308000	BBS561 LED35S/840 PSD AC-MLO-C PI	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial input power
27309700	BBS561 LED35S/830 PSD AC-MLO-C W	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W
27315800	BBS561 LED35S/840 PSD AC-MLO-C W SC	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W
27316500	BBS561 LED35S/830 PSD AC-MLO-C W SC	(0.43, 0.40) SDCM <3	3000 K	96 lm/W	36.5 W
27317200	BBS560 LED35S/840 PSD AC-MLO W	(0.38, 0.38) SDCM <3	4000 K	103 lm/W	34 W

