

DayZone

BBS561 LED35S/830 PSD AC-MLO-C W

DayZone recessed round, LED Module, system flux 3500 lm, 830 warm 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	
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 between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	BBS561 [DayZone recessed round]
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

DayZone

EU RoHS compliant	Yes

Light Technical

Luminous Flux	3,500 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	96 lm/W
Colour rendering index (CRI)	≥80
Light source colour	830 warm 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	36.5 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
Optic material	-
Optical cover/lens material	Acrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Textured
Overall height	105 mm
Overall diameter	602 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	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

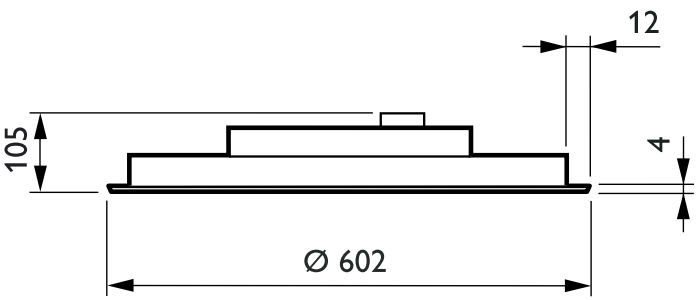
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Order product name	BBS561 LED35S/830 PSD AC-MLO-C W
Full product name	BBS561 LED35S/830 PSD AC-MLO-C W
Full EOC	871829127309700
Order code	27309700
Material no. (12 NC)	910502004703
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291273097
Numerator – packs per outer box	1
EAN/UPC - Case	8718291273097

Dimensional drawing





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2023, April 29 - data subject to change