



# DayZone

## BBS561 LED35S/840 PSD AC-MLO-C PI

DayZone recessed round, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Acrylate micro-lens optic with circle, Push-in connector 3-pole

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]	B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Cap-Base	- [-]	Product family code	BBS561 [DayZone recessed round]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Gear	-	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example	ENEC mark	ENEC mark
		Warranty period	5 years
		EU RoHS compliant	Yes
		Embedded control	-

**Light Technical**

Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	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	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

**Temperature**

Ambient temperature range	+10 to +40 °C
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**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	Aluminum

Optic material	-
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover 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	(0.38, 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	BBS561 LED35S/840 PSD AC-MLO-C PI
Full product name	BBS561 LED35S/840 PSD AC-MLO-C PI
Full product code	871829127308000
Order code	910502004603
Material Nr. (12NC)	910502004603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291273080
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291273080

**Dimensional drawing**

