DayZone

BBS560 LED35S/840 PSD AC-MLO-C ACL W

DayZone recessed square, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Acrylate micro-lens optic with circle, ActiLume, 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	1 unit
Gear	–
Driver included	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 B10. Therefore, the median useful life (B50) value also represents the B10 value.
Product family code	BBS560 [DayZone recessed square]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

DayZone

Embedded control	ActiLume	**Reflector material**	Aluminum
		Optic material	–
Light Technical		**Optical cover material**	Acrylate
Luminous Flux	3,500 lm	**Fixation material**	–
Correlated Color Temperature (Nom)	4000 K	**Housing Color**	White
Luminous Efficacy (rated) (Nom)	100 lm/W	**Optical cover finish**	Textured
Color rendering index (CRI)	≥80	**Overall length**	597 mm
Number of light sources	1	**Overall width**	597 mm
Light source color	840 neutral white	**Overall height**	105 mm
Optic type	–	**Dimensions (Height x Width x Depth)**	105 x 597 x 597 mm
Optical cover type	Acrylate micro-lens optic with circle		
Luminaire light beam spread	130°	**Approval and Application**	
Unified glare rating CEN	Not applicable	**Ingress protection code**	IP40 [Wire-protected]
		Mech. impact protection code	IK02 [0.2 J standard]
Operating and Electrical		**Protection class IEC**	Safety class I
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	**Initial Performance (IEC Compliant)**	
Inrush current	48 A	**Luminous flux tolerance**	+/-10%
Inrush time	1 ms	**Initial chromaticity**	(0.38, 0.38) SDCM <3
Power Consumption	35 W	**Power consumption tolerance**	+/-10%
Power Factor (Fraction)	0.97		
Connection	Plug-in connector 3-pole Wieland/Adels compatible	**Application Conditions**	
		Performance ambient temperature Tq	25 °C
Cable	–	**Maximum dim level**	1%
Number of products on MCB of 16 A type B	24	**Suitable for random switching**	Yes
Temperature		**Product Data**	
Ambient temperature range	+10 to +40 °C	**Order product name**	BBS560 LED35S/840 PSD AC-MLO-C ACL W
		Full product name	BBS560 LED35S/840 PSD AC-MLO-C ACL W
Controls and Dimming		**Full product code**	871829127297700
Dimmable	Yes	**Order code**	910502003503
Driver/power unit/transformer	Power supply unit with DALI interface	**Material Nr. (12NC)**	910502003503
Control interface	DALI	**Numerator – Quantity Per Pack**	1
Constant light output	No	**EAN/UPC – Product/Case**	8718291272977
		Numerator – Packs per outer box	1
Mechanical and Housing		**EAN/UPC – Case**	8718291272977
Housing Material	Steel		

Dimensional drawing

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2023, October 9 – data subject to change