

Maxos LED, recessed

RC300B 1xLED10S/830 PSU W

Maxos Recessed LED, 1, LED Module, system flux 1000 lm, 830 warm white, Power supply unit (On/Off), Plug-in connector 3-pole Wieland/Adels compatible

Maxos LED Recessed is a semi-modular recessed LED luminaire for shelf and gondola lighting. Thanks to its adjustable optic (except the RC310B), the light can be aimed precisely at the products on the shelves or at signage. The dedicated beam shape results in maximum visibility of the merchandise on display and less spill light. The individual LEDs are shielded by anti-glare optics, thus ensuring visual comfort and creating an innovative ‘light line’ appearance. The luminaire’s astonishing system efficiency, combined with its maintenance-free operation and absence of hazardous materials, make it a truly green product. Maxos LED Recessed fits any shop floor layout. No additional ceiling profile is required: the ceiling tile can be laid directly on the flat luminaire rim, reducing installation time and material usage.

Product data

General Information			
Lamp family code	LED10S [LED Module, system flux 1000 lm]	B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Cap-Base	- [-]	Product family code	RC300B [Maxos Recessed LED]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	CE mark	Yes
Gear	-	Warranty period	5 years
Driver included	Yes	Flammability mark	For mounting on normally flammable surfaces
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 plus mark
		Glow-wire test	Temperature 650 °C, duration 5 s
		EU RoHS compliant	Yes

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Light Technical

Luminous Flux	1,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	105 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	70°
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	16 A
Inrush time	0.220 ms
Power Consumption	11.4 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	28

Temperature

Ambient temperature range	+10 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Aluminum

Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Ribbed
Overall length	597 mm
Overall width	103 mm
Overall height	130 mm
Dimensions (Height x Width x Depth)	130 x 103 x 597 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%

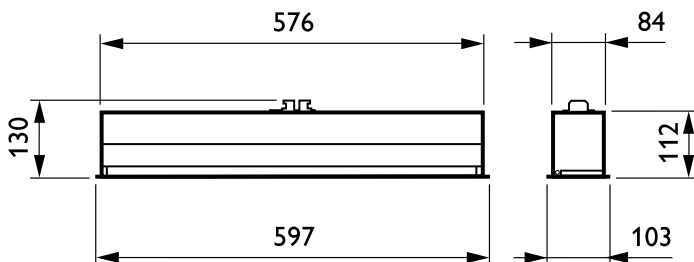
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	RC300B 1xLED10S/830 PSU W
Full product name	RC300B 1xLED10S/830 PSU W
Full product code	871794391977200
Order code	910501983803
Material Nr. (12NC)	910501983803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943919772
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943919772

Dimensional drawing



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