



# 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, 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]	example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	
Cap base	- [-]		
Light source replaceable	No	Product family code	
Number of gear units	Unit	RC300B [Maxos Recessed LED]	
Gear	-	Lighting Technology	
Driver included	Yes	LED	
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	CE mark	
		Yes	
		Warranty period	
		5 years	
		Flammability mark	
		For mounting on normally flammable surfaces	
		ENEC mark	
		ENEC plus mark	
		Glow-wire test	
		Temperature 650 °C, duration 5 s	
		EU RoHS compliant	
		Yes	

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<b>Light Technical</b>	
Luminous Flux	1,200 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	105 lm/W
Colour rendering index (CRI)	≥80
Number of light sources	1
Light source colour	830 warm white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	70°
Unified Glare Rating (CEN)	Not applicable

<b>Operating and Electrical</b>	
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

<b>Temperature</b>	
Ambient temperature range	+10 to +40 °C

<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

<b>Mechanical and Housing</b>	
Housing material	Steel
Reflector material	Aluminium

Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens 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

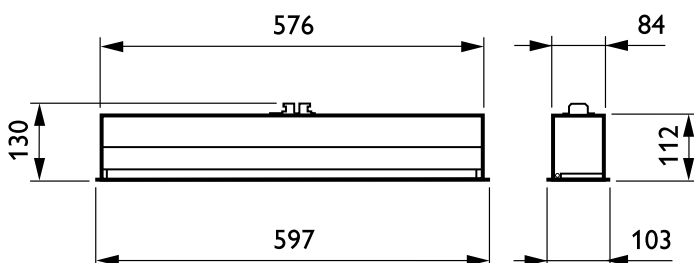
<b>Approval and Application</b>	
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) SDCM <3
Power consumption tolerance	+/-10%

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

<b>Product Data</b>	
Order product name	RC300B 1xLED10S/830 PSU W
Full product name	RC300B 1xLED10S/830 PSU W
Full EOC	871794391977200
Order code	91977200
Material no. (12 NC)	910501983803
SAP 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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