



Maxos LED, recessed

RC300B 2xLED10S/840 PSU W

Maxos Recessed LED, 2, LED Module, system flux 1000 lm, 840 neutral 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]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
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	RC300B [Maxos Recessed LED]
Lighting Technology	LED
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

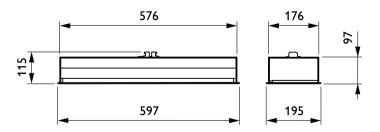
Datasheet, 2023, April 29 data subject to change

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Light Technical	
Luminous Flux	2,500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	120 lm/W
Colour rendering index (CRI)	≥80
Number of light sources	2
Light source colour	840 neutral 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	21.5 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	e 28
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	
Constant light output	Power supply unit (On/Off) No
Constant light output	IN∪
Mechanical and Housing	
Housing material	Steel
Reflector material	Aluminium
Reflector material	Atuminium

Optical cover/lens material Fixation material - Housing Colour Optical cover/lens finish Overall length Overall length Overall width 194.5 mm Overall height Dimensions (height x width x depth) Ingress protection code IP40 [Wire-protected] Mech. impact protection code IR02 [0.2 J standard] Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity Power consumption tolerance 4/-10% Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name RC300B 2xLED10S/840 PSU W Full Product name RC300B 2xLED10S/840 PSU W Full EOC Order code 91359600 Material no. (12 NC) 910501968603 SAP numerator - quantity per pack Initial EAN/UPC - Product/Case 8717943913596 Numerator - packs per outer box 1 EAN/UPC - Case 8717943913596	Optic material	-
Housing Colour Optical cover/lens finish Ribbed Overall length 597 mm Overall width 194.5 mm Dimensions (height x width x depth) Ingress protection code IP40 [Wire-protected] Mech. impact protection code IRO2 [0.2 J standard] Protection class IEC Initial Performance (IEC Compliant) Luminous flux tolerance Initial chromaticity (0.38, 0.38) SDCM <3 Power consumption tolerance +/-10% Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name RC300B 2xLED10S/840 PSU W Full EOC 871794391359600 Material no. (12 NC) 910501968603 SAP numerator – quantity per pack IEAN/UPC — Product/Case Numerator – packs per outer box 1	Optical cover/lens material	Polymethyl methacrylate
Optical cover/lens finish Overall length Overall width Overall width Overall height Dimensions (height x width x depth) I15 mm Dimensions (height x width x depth) I15 x 195 x 597 mm Approval and Application Ingress protection code IP40 [Wire-protected] Mech. impact protection code IRO2 [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 Suitable for random switching No Product Data Order product name RC300B 2xLED10S/840 PSU W Full product name RC300B 2xLED10S/840 PSU W Full EOC 871794391359600 Order code 91359600 Material no. (12 NC) 910501968603 SAP numerator – quantity per pack I EAN/UPC — Product/Case 8717943913596 Numerator – packs per outer box 1	Fixation material	-
Overall length 597 mm Overall width 194.5 mm Overall height 115 mm Dimensions (height x width x depth) 115 x 195 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 (0.38, 0.38) 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 2xLED10S/840 PSU W Full product name RC300B 2xLED10S/840 PSU W Full product name RC300B 2xLED10S/840 PSU W Full EOC 871794391359600 Order code 91359600 Material no. (12 NC) 910501968603 SAP numerator – quantity per pack 1 EAN/UPC — Product/Case 8717943913596 Numerator – packs per outer box 1	Housing Colour	White
Overall width 194.5 mm Overall height 115 mm Dimensions (height x width x depth) 115 x 195 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 (0.38, 0.38) 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 2xLED10S/840 PSU W Full product name RC300B 2xLED10S/840 PSU W Full EOC 871794391359600 Order code 91359600 Material no. (12 NC) 910501968603 SAP numerator – quantity per pack 1 EAN/UPC — Product/Case 8717943913596 Numerator – packs per outer box 1	Optical cover/lens finish	Ribbed
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	EAN/UPC — Product/Case	8717943913596
EAN/UPC - Case 8717943913596	Numerator – packs per outer box	1
	EAN/UPC - Case	8717943913596

Dimensional drawing



Maxos LED, recessed



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