



# Maxos LED Recessed – always spot on

## Maxos LED, recessed

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.

### Benefits

- Maximum visibility of merchandise
- Energy savings
- Easy installation, no hazardous materials, and no maintenance

### Features

- Highly efficient LED light engine
- Advanced optical system
- System efficiency above 79 lm/W
- 50,000 hours lifetime
- Plug-and-play electrical connection (e.g. Wieland)

### Application

- Shops and supermarkets
- Petrol stations
- Warehouses

### Specifications

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Type	RC300B (single- and double beam versions)
Ceiling type	Exposed- and symmetrical concealed T-bar ceiling Bandrastrer ceiling
Ceiling grid	Module size in length: 600 mm Module size in length: 312.5 and 625 mm
Light source	Non-replaceable LED module
Power	16.3 W (single beam) 26 W (double beam)
Beam angle	Tilttable in steps of 5° (max 40°) 1x20 degree beam for single beam versions, tilttable in steps of 5 degree (max 40 degree)
Luminous flux	1290 lm (4000 K) 2 x 1120 lm (4000 K)
Correlated Color	4000 K
Temperature	
Color Rendering Index	> 80
Median useful life L70B50	70,000 hours

Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
Driver failure rate	1% per 5000 hours
Average ambient temperature	+25 °C
Operating temperature range	10°C < T
Driver	Built-in
Mains voltage	230 or 240 V / 50-60 Hz
Material	Housing: steel, powder coated Optic: aluminum Optical cover: PMMA
Color	Housing: white (RAL 9016)
Connection	Wieland connector GST 18, 3 or 4 poles (W)
Maintenance	No internal cleaning required
Installation	Individual; lay-in in exposed ceiling grids Through-wiring not possible

Versions



Product details

Panel turned fully out



Panel in starting position



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Product details



Panel turned 30° outside the luminaire



Connector on the back



Maxos LED Recessed RC300B, 600  
mm length

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<b>Application Conditions</b>	
Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Suitable for random switching	No
<b>Approval and Application</b>	
Mech. impact protection code	IK02
Ingress protection code	IP40
<b>Controls and Dimming</b>	
Dimmable	No
<b>Operating and Electrical</b>	
Input Voltage	220-240 V
<b>General Information</b>	
Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	PM
Driver included	Yes
ENEC mark	ENEC plus mark
Flammability mark	F
Glow-wire test	650/5
Lamp family code	LED10S
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
Product Family Code	RC300B
UL mark	-
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	≥80
Luminous flux tolerance	+/-10%
<b>Mechanical and Housing</b>	
Colour	White
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	1 %
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h

## General Information

Order Code	Full Product Name	Number of light sources
91357200	RC300B 1xLED10S/840 PSU W	1
91359600	RC300B 2xLED10S/840 PSU W	2

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
91357200	RC300B 1xLED10S/840 PSU W	110 lm/W	1300 lm	11.8 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
91359600	RC300B 2xLED10S/840 PSU W	120 lm/W	2500 lm	21.5 W

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