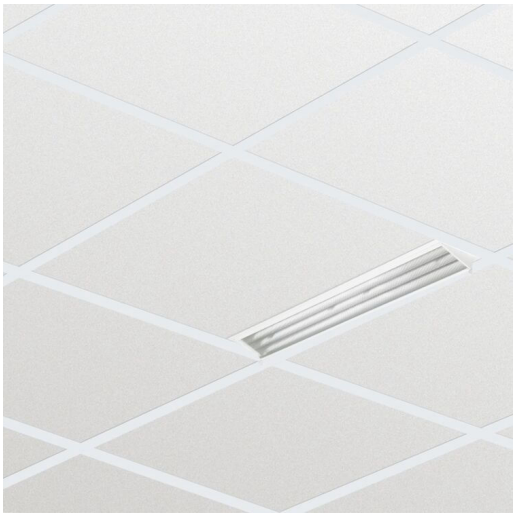


Maxos LED, recessed

RC300B 1xLED10S/840 PSU W

Maxos Recessed LED, 1, 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 (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]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
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	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

Maxos LED, recessed

Light Technical	
Luminous Flux	1,300 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	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	11.8 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

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	(0.38, 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 1xLED10S/840 PSU W
Full product name	RC300B 1xLED10S/840 PSU W
Full product code	871794391357200
Order code	910501968403
Material Nr. (12NC)	910501968403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943913572
Numerator - Packs per outer box	1
EAN/UPC - Case	8717943913572

Dimensional drawing

Maxos LED, recessed

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2023, October 9 - data subject to change