

Cube MX85-SP

Compact LED power for far field illumination



2 LED light functions

Working light and stylish X shape light



Lighting distance up to 110 meters

Increased far field illumination



Beam angle 13.5°

Exceptionally focused beam angle

Product datasheet



Powerful LED working lights for off-road use

Reliable technology and intense far field illumination: The LEDriving Cube MX85-SP LED high beam brings the two together effortlessly. With four high-performance LEDs, the working light reaches a light distance of up to 110 meters. The working light ideally equips any car for far field illumination. With a light distance of 110 meters and a beam angle of 13.5°, work in off-road terrain can continue even at quite a distance from the vehicle. The 6000 Kelvin color temperature produces daylight conditions. The LEDriving Cube MX85-SP working lights offer two light functions. One is the classic working light with up to 1250 lumen, and the other is the stylish X shape LED working light. Along with its compact format and durable craftsmanship, the LED working light scores as a smart enhancement to the vehicle's off-road style. Compact and robust with a long lifespan. When it comes to durability and ruggedness, exceptional quality is called for when using the retrofit working light in off-road conditions. The hard-wearing polycarbonate lens meets the toughest demands and reliably defies wind and weather in every terrain. The LED high beam is also protected against polarity. Full polarity protection automatically breaks the circuit in the event of over voltage, which ensures an especially long lifespan. The integrated driver and thermal management system also contributes to the search light's longevity light by preventing overheating during continuous use. Flexible thanks to excellent compatibility. Because the LEDriving Cube MX85-SP working lights can be installed on many 12 volt vehicles, it is suitable for a wide range of applications. Whether on off-road or construction vehicles, on agricultural or recreational vehicles – the LED working light is a flexible and powerful way to shine light into the darkness. Important: It should be noted that the LED working light is only permitted for off-road use and is therefore not suitable as direct front-end illumination on roads. In accordance with EMC/EMI, the working lights are ECE R10 certified

Product datasheet

Technical data

Product information

Order reference	LEDDL101
Application (Category and Product specific)	Working light application

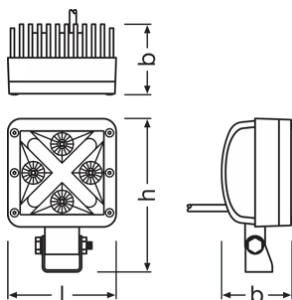
Electrical data

Nominal voltage	12.0 V
Nominal wattage	20 W
Test voltage	13.5 V

Photometrical data

Luminous flux	1250 lm
Color temperature	6000 K
Light distance at 1lx	110 m

Dimensions & weight

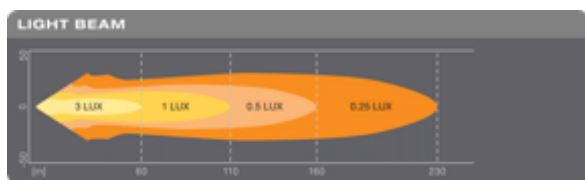


Product weight	500.00 g
Length	85.0 mm
Width	57.0 mm
Height	121.0 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data



Luminous intensity distribution

Connector to lamp	Wire Kit
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Capabilities

Technology	LED
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Certificates & standards

Standards	ECE R10
Approval marks – approval	E6 approval
Type of protection	IP67

Country specific categorizations

Order reference	LEDDL101
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Logistical data

Commodity code	85122000900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product datasheet










Date of Declaration	03-07-2024
Primary Article Identifier	4052899526532 4052899527317 4052899595255
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	2bcd6905-cd46-4df8-ab51-050d437f70f0 9cb932da-1afc-423b-8694-a7fba3967d64 780eba8d-d95b-4d69-9170-0b8db30bd013

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595255	Cube MX85-SP LEDDL101-SP	Folding carton box 1	133 mm x 118 mm x 103 mm	1.62 dm ³	584.00 g
4052899595262	Cube MX85-SP LEDDL101-SP	Shipping carton box 8	282 mm x 252 mm x 242 mm	17.20 dm ³	5073.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

File
 User instruction LEDriving LEDDL101-SPLEDDL101-WD
 User instruction LEDriving
 Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)
 Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
 Movie application LEDriving Driving and Working Lights Reference Video (EN)
 Movie application Working and Driving Lights Amarok Winter
 Movie application LEDriving driving & working lights in application (EN)
 Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
 Video OSRAM LEDriving driving and working lights: The night doesn't stand a chance

Product datasheet



Video
OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN)



360 Degree Image
LEDriving CUBE MX85

Legal advice

Permitted only for off-road use and not suitable for use on public roads

Precise terms and conditions at: www.osram.com/guarantee

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.



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