

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



Powerful LED working lights for off-road use

Reliable technology and intense far field illumination: The LEDDriving 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 LEDDriving 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 LEDDriving 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 family datasheet

Technical data

Product description	Product information		Electrical data		Photometrical data	Lifespan
	Order reference	Application (Category and Product specific)	Nominal voltage	Nominal wattage	Luminous flux	Lifespan Tc
Cube MX85-SP LEDDL101-SP	LEDDL101	Working light application	12.0 V	20 W	1250 lm	5000 h












Product description	Capabilities	Certificates & standards		
	Technology	Standards	Approval marks – approval	Type of protection
Cube MX85-SP LEDDL101-SP	LED	ECE R10	E6 approval	IP67

Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
Cube MX85-SP LEDDL101-SP	85122000900	21-06-2024	4052899526532 4052899527317 4052899595255	Lead

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
Cube MX85-SP LEDDL101-SP	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	2bcd6905-cd46-4df8-ab51-050d437f70f0 9cb932da-1afc-423b-8694-a7fba3967d64 780eba8d-d95b-4d69-9170-0b8db30bd013

Product family datasheet

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 Amarak 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
	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.

