Product family datasheet

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

© 2024, OSRAM GmbH. All rights reserved.



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 lifespanWhen 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 compatibilityBecause 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

© 2024, OSRAM GmbH. All rights reserved.

Product family datasheet

Technical data

	Product information		Electrical data		Photometrical data	Lifespan
Product description	**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

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

	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**Commodity code**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
Cube MX85-SP LEDDL101-SP	85122000900	16-02-2024	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

© 2024, OSRAM GmbH. All rights reserved.

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 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
	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.

© 2024, OSRAM GmbH. All rights reserved.