

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.

