

Lightbar MX250-CB AMBER EXTREME



4 in 1 functionality

White and amber position lights, LED high beam and an ultimate LED boost mode



See and be seen with OSRAM

Up to 330 m long light beam in boost mode



Combo beam pattern

Designed for both: far-field and near-field illumination



IP & IK protection classes

Tested and validated in a DIN-certified environmental simulation laboratory



Powerful light output meets striking design – built for all terrains and demanding conditions

The OSRAM LEDDriving Lightbar MX250-CB AMBER EXTREME redefines performance and design in one powerful lighting solution. Featuring a combo beam for both near-field and far-field illumination, it delivers an impressive light beam of up to 330m in boost mode. With a light output of up to 4.600 effective lumens, it ensures maximum visibility in even the most demanding environments. Its innovative 4-in-1 setup combines high beam, amber and white position lights, plus a boost function. The distinctive amber light signature goes beyond functionality – it's a confident design statement for drivers who value both performance and design. Adding to this, it features a dynamic Welcome Light: a flowing start up animation that activates when the light is switched on, giving your vehicle a distinctive, premium appearance from the very first moment. Tested to the toughest standards, it features IP6K8 and IP6K9K protection classes, a shatterproof polycarbonate lens, and an aluminium die-cast housing – all compact, robust, and ready for any challenge. Whether on-road or off-road, the Multifunctional Series is an effective and efficient addition to your vehicle. They can be attached to cars, trucks, agricultural machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads¹⁾. OSRAM provides a 5-year guarantee on these products²⁾.

Product family datasheet

Technical data

| Product description | Electrical Data | | | Photometric Data | Lifetime Data |
|---|-----------------|---------------------|--------------|--------------------------------|---------------|
| | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux | Lifespan Tc |
| Lightbar MX250-CB AMBER EXTREME ¹⁾ | 12/24 V | 50 W / 90 W / 2,5 W | 13.5 V | 3600 lm (HB) / 4600 (Boost) lm | 5000 hr |

| Product description | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---|--------------------------|--|
| | ECE reference number | Declaration no. in SCIP database |
| Lightbar MX250-CB AMBER EXTREME ¹⁾ | 20 | In work |

¹⁾ Beam Pattern: Combo

Product family datasheet

Download Data

| File | |
|---|---|
|  | User instruction LEDriving LEDDL138-CB X Lightbar MX250-CB |
|  | User instruction GPRS_Safety symbols instructions |

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

1) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: The light functions boost mode and amber position light do not have ECE approval and must not be used on public roads. In addition, individual special regulations, and laws of countries outside Germany must be observed2) For precise conditions refer to: www.osram.com/am-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.