

Lightbar MX140-SP

Full-force LEDs for more light



2 LED light functions

High beam and position light



Lighting distance up to 200 meters

Improved far field illumination



Beam angle 10°

Focused beam angle for optimized far field illumination



When it comes to road traffic, safety can't be emphasized enough. Risks from inadequate street lighting and wild animals are very high, particularly on rural and dirt roads. The LEDriving Lightbar MX140-SP is a LED auxiliary light approved for use on roads that improves road safety with more light. Equipped with three high-performance LEDs, the LED high beam improves visibility for drivers even in difficult driving conditions. With an angle of ten degrees, the beam of light can reach up to 200 meters. The automotive auxiliary light can be used in two ways: as an auxiliary high beam and as a frontal position light. Both options are fully ECE-compliant. The sophisticated reflector design of the LED auxiliary light provides very high optical efficiency with uniform light distribution. The design also keeps the light from blinding oncoming traffic. Durability thanks to robust materials. During regular use, the LEDriving Lightbar MX140-SP has to withstand quite a bit. The search light therefore comes equipped with a hard-wearing polycarbonate lens that meets the highest standards. An integrated driver and thermal management system not only protects the high performance LEDs from uncontrolled overheating, it also contributes to a longer lifespan for the LED working light overall. Over and under voltage protection automatically breaks the circuit when power exceeds the predetermined current for a specified amount of time. Safer driving on-road and off-road. The safety aspect plays a major role, and not only in traffic. Thanks to its increased brightness, the LED light improves safety even in off-road situations. Bright light is critical on construction sites and for agricultural machines. The range of applications for the robust LED bar is therefore not limited to automotive uses. Utility and industrial vehicles also benefit from the powerful 2000 lumen LED auxiliary light.

Product family datasheet

Technical data


Product description	Product information			Electrical data		
	Order reference	Application (Category and Product specific)	Product type (off-road vs. on-road)	Nominal voltage	Nominal wattage	Test voltage
LEDriving MX	LEDDL102-SP	Additional high beam application	On-road	12/24 V	30 W	13.5 V

Product description	Photometrical data	Lifespan	Additional product data	Capabilities
	Luminous flux	Lifespan Tc	Connector to lamp	Technology
LEDriving MX	2000 lm	5000 h	DT Connector	LED

Product description	Certificates & standards	Logistical data
	ECE category	Commodity code
LEDriving MX	ECE R10, R112, R7	851220009000

Product family datasheet

Download Data

File	
	Movie application LEDriving driving & working lights in application (EN)

Legal advice

In vehicles with 12/24 volts, auxiliary lights must be installed in pairs

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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