

# 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



### LED auxiliary lights enhance driving pleasure

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.

Technical data

Product information

Order reference	LEDDL102-SP
Application (Category and Product specific)	Additional high beam application

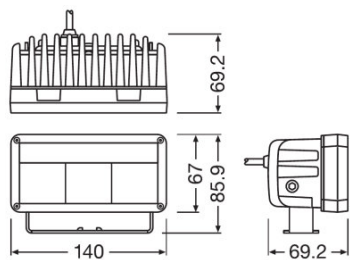
Electrical data

Nominal voltage	12/24 V
Nominal wattage	30 W
Test voltage	13.5 V

Photometrical data

Luminous flux	2000 lm
Color temperature	6000 K
Light distance at 1lx	200 m

Dimensions & weight



Product weight	730.00 g
Length	140.0 mm
Width	73.0 mm
Height	86.0 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data

Connector to lamp	DT Connector
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## Product datasheet

### Capabilities

Technology	LED
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### Certificates & standards

Standards	ECE R10, R112, R7
Approval marks – approval	E4 approval
Type of protection	IP67

### Country specific categorizations

Order reference	LEDDL102-SP
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### Logistical data




Commodity code	851220009000
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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595293	Lightbar MX140-SP	Folding carton box 1	152 mm x 109 mm x 107 mm	1.77 dm <sup>3</sup>	800.00 g
4052899595309	Lightbar MX140-SP	Shipping carton box 8	325 mm x 240 mm x 253 mm	19.73 dm <sup>3</sup>	6865.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Download Data

File	
	Movie application LEDriving driving & working lights in application (EN)
	Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
	360 Degree Image LEDriving LIGHTBAR MX140-SP

#### Legal advice

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

Precise terms and conditions at: [www.osram.com/guarantee](http://www.osram.com/guarantee)

#### Application advice

## Product datasheet

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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