

Lightbar SX180-SP

Improved safety on-road and off-road with the full force of LEDs



Compact housing design

Compact mounting dimensions enables a wide range of possible applications



Lighting distance up to 190 meters

Increased far field illumination



Spot Beam

Highly concentrated light beam



Durable and robust LED auxiliary light with certified approval for use on roads

Bright light is particularly critical on unlit streets and dirt roads. It lets drivers identify obstacles on the road far in advance. With its six high-performance LEDs, the LEDriving Lightbar SX180-SP automotive auxiliary light gives drivers better visibility and improved safety on the road. And the LED auxiliary light also impresses at shorter distances. With an illuminance of one lux and a beam angle of eight degrees, the beam of light can reach up to 190 meters. That's sufficient enough to identify obstacles on the road far in advance. The sophisticated reflector design of the LED search light provides very high optical efficiency with uniform light distribution and reduced glare. Reduced glare is especially relevant for oncoming traffic and counts as another important aspect of road safety. Beyond its light output, the LED high beam enhances the off-road style of the vehicle. Because the LED auxiliary light with certified approval is intended for roads, its use is not limited to off-road terrain. Various mounting options & durability it goes without saying that the LED auxiliary light has to withstand quite a bit when used almost daily. Its hard-wearing polycarbonate lens allows it to meet even the toughest demands while extending the lifespan of the auxiliary light for automobiles. An integrated driver and thermal management system prevents possible damage from overheating. Over and under voltage protection automatically breaks the circuit when power exceeds the predetermined current for a specified amount of time. Even major temperature fluctuations aren't a problem for the LEDriving Lightbar SX180-SP LED auxiliary lights. They work whether the air temperature is a very cold -30 or a hot 60 degrees Celsius. This is a very helpful feature, particularly during off-road tours. Its compact mounting dimensions allow the LED working light to be mounted in a variety of ways. The LED auxiliary light can be easily installed even on the front end of 4x4 and off-road vehicles as well as utility and industrial vehicles.

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 SX	LEDDL105-SP	Additional high beam application	On-road	12/24 V	15 W	13.5 V

Product description	Photometrical data	Lifespan	Additional product data	Capabilities
	Luminous flux	Lifespan Tc	Connector to lamp	Technology
LEDriving SX	1300 lm	5000 h	DT Connector	LED

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

Product family datasheet

Download Data

File	
	User instruction LEDriving
	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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