

Lightbar SX500-CB



ECE certified - ECE R112

The necessary tests and approvals were carried out and an ECE type approval was granted2)



Combo Beam

Designed for both: far-field and near-field illumination. For widespread illumination in the near field and spot illumination in the far field.



Light beam up to 300 m length

See and be seen with OSRAM



on-road & off-road

Versatile applicable and flexible in use. On-road & off-road, in terrain, at work and in the spare time.



Bringing light to life with OSRAM LEDriving driving and working lights

Considerable foresight on dark country roads, forest paths, off the beaten tracks, off-road and on-road- this can be achieved with the OSRAM LEDriving Lightbar SX500-CB. With its 18 powerful, high-performance long-life LEDs, the OSRAM LEDriving Lightbar SX500-CB has a range of up to 300 meters and thus offers the driver impressive foresight on-road and off-road. Even in dim light and reduced visibility due to external environmental influences, the OSRAM LEDriving Lightbar SX500-CB with up to 6000 Kelvin can provide conditions similar to daylight. The power package with up to 3900 lumens of luminosity scores with highest optical efficiency and homogeneous light distribution. This results in the possibility of an improved view for you and the improved visibility of your vehicle by other road users, and consequently also increased safety on-road and off-road. Whether on-road or off-road - OSRAM LEDriving Lightbar SX500-CB impresses with its powerful performance and a long service life with up to 5000 hours. Versatile applicable, it defies numerous environmental influences and, thanks to high-quality materials such as the aluminum housing and the stable polycarbonate lens, it is particularly light and at the same time robust and resistant. OSRAM LEDriving Lightbar SX500-CB has been tested and validated with the IP-Protection Class IP69K in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration. The integrated driver and the thermal management system regulate the temperature of the LED Lightbar and can thus prevent damage from overheating. The polarity protection inhibits the wrong polarity of the voltage supply and can thus prevent possible damage by automatically switching off the LEDs. On-road and off-road, the OSRAM LEDriving Lightbar SX500-CB is an effective and efficient addition to your vehicle. No registration or entry in the vehicle documents is necessary for these ECE-certified LED driving light²). ECE reference number: 20The OSRAM LEDriving Lightbar SX500-CB can be attached to cars, trucks, agricultural machinery, farm machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads²). The OSRAM LEDriving Lightbar SX500-CB is versatile applicable and flexible in use.²) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: Special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed.

产品系列数据表

技术参数

产品描述	Product information		电参数			光度数据
	Order reference	Application (Category and Product specific)	标称电压	标称功率	测试电压	光通量
Lightbar SX500-CB ¹⁾	LEDDL107-CB	Additional high beam application	12/24 V	45.00 W	13.5 V	3900 lm

产品描述	LED 模块信息	寿命	功能	认证与标准	物流数据
	模块LED颗粒数	使用寿命 Tc	Technology	ECE reference number	商品编码
Lightbar SX500-CB ¹⁾	18	5000 h	LED ²⁾	20	85122000900

产品描述	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
Lightbar SX500-CB ¹⁾	28-02-2024	4062172142106	Lead	7439-92-1










产品描述	Safe Use Instruction	Declaration No. in SCIP database
Lightbar SX500-CB ¹⁾	The identification of the Candidate List substance is sufficient to allow safe use of the article.	fc2e8a55-8b90-4bef-8ef0-46b3a7614c2e

¹⁾ Beam Pattern: Combo

²⁾ Light-emitting diode application

产品系列数据表

下载数据

文件	
	User instruction LEDriving Lightbar
	电影应用 OSRAM Quality Testing LEDriving working and driving lights (EN)
	电影应用 OSRAM LEDdriving and working lights Imagefilm (EN)
	电影应用 LEDriving Driving and Working Lights Reference Video (EN)
	电影应用 Working and Driving Lights Amarok Winter
	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)
	Video Reference Number made easy - Making sure your LEDriving Driving Lights are legal on public roads

Legal advice:

The installation of the LEDriving Lightbar SX500-CB is fully ECE compliant and therefore registration free. This does not include individual custom requirements of countries, in addition to the standardized ECE certification of the product.

1) Precise terms and conditions at: www.osram.com/am-guarantee

2) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: Special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed.

Refer to www.osram.com/am-guarantee for precise conditions

应用建议

更多详细应用信息和图形,请参阅产品数据表。

免责声明

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