

# Lightbar VX500-SP



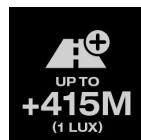
## ECE certified - ECE R112

The necessary tests and approvals were carried out and an ECE type approval was granted2)ECE reference number: 50



## Spot Beam

Designed for far field illumination. For a focused illumination in the far field of the vehicle.



## Light beam up to 415 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 VX500-SP. With its 18 powerful, high-performance long-life LEDs, the OSRAM LEDriving Lightbar VX500-SP has a range of up to 415 meter 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 VX500-SP with up to 6000 Kelvin can provide conditions similar to daylight. The power package with up to 2800 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 - The OSRAM LEDriving Lightbar VX500-SP 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. The OSRAM LEDriving Lightbar VX500-SP has been tested and validated with the IP-Protection Class IP67 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 VX500-SP 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 lights<sup>2)</sup>. ECE reference number: 50The OSRAM LEDriving Lightbar VX500-SP can be attached to cars, trucks, agricultural machinery, farm machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads<sup>2)</sup>. The OSRAM LEDriving VX500-SP is versatile applicable and flexible in use.<sup>2)</sup> 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.

产品数据表

技术参数

Product information

Order reference	LEDDL116-SP
Application (Category and Product specific)	Additional high beam application

电参数

标称电压	12/24 V
标称功率	54.00 W
测试电压	13.2 V

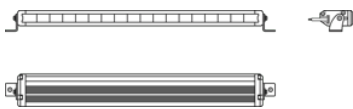
光度数据

光通量	2800 lm
色温	6000 K
Light distance at 1lx	415 m

LED 模块信息

模块LED颗粒数	18
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尺寸和重量



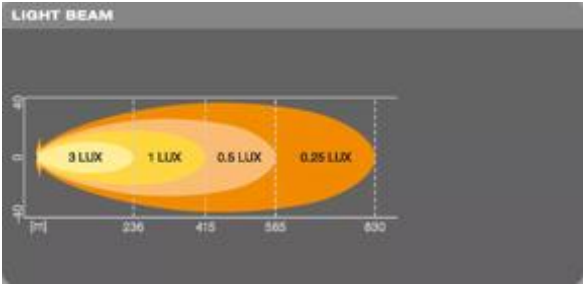
产品重量	1760.00 g
长度	526 mm
宽度	36 mm
高度	67 mm

寿命

使用寿命 Tc	5000 h
Guarantee	2 年

产品数据表

更多的产品数据



光强分部图

光源连接头	Open wire
产品说明	Beam Pattern: Spot

功能

Technology	LED <sup>1)</sup>
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<sup>1)</sup> Light-emitting diode application

认证与标准

标准	ECE R10, R112
认证标志 - 认证	E4 认证
防护类型	IP67

特定分类

Order reference	LEDDL116-SP
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物流数据

商品编码	85122000900
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Environmental information

产品数据表










Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	28-02-2024
Primary Article Identifier	4062172141918
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	6335fbbe-ca41-4ea7-8ead-e3dc79f51cb1


物流数据

产品代码	产品描述	包装单位 ( 件/单位 )	尺寸 ( 长 x 宽 x 高 )	体积	毛重
4062172141918	Lightbar VX500-SP	纸盒 1	702 mm x 110 mm x 123 mm	9.50 dm³	1985.00 g
4062172141925	Lightbar VX500-SP	箱 4	722 mm x 242 mm x 274 mm	47.87 dm³	8720.00 g

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

下载数据

文件	
	User instruction LEDriving Lightbar VX500-SP SR
	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

	360 Degree Image LEDriving Lightbar VX500-SP LEDDL116-SP
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**Legal advice:**

The installation of the OSRAM LEDriving Lightbar VX500-SP 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](http://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](http://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。

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