

# Lightbar FX500-SP SM GEN 2



**Single mount certified**  
For individual installation



**Up to 470 m long beam**  
Улучшенное освещение  
ближнего и дальнего поля



**Узко направленный луч**  
For particularly focused high  
beam distribution



**IP & IK protection classes**  
Tested and validated in a DIN-  
certified environmental  
simulation laboratory  
regarding extreme external  
influences such as water, dust,  
shocks, impacts, heat, cold,  
permanent vibrations and  
many more

## Техническое описание продукта



### Increased brightness for far and near field illumination

Particularly when driving on rural and dirt roads, a greater range of visibility can play a key role in ensuring safety. The LEDriving Lightbar FX500-SP SM GEN 2 provides additional, near and far field illumination on dark roads with up to 3.930 Lumen. Even in poor visibility conditions or at dusk, the 15 high-performance LEDs reach a light distance of up to 470 meters and daytime lighting conditions with a color temperature of 6000 Kelvin. The driving light impresses with its special reflector design and ensure not only a modern and appealing look but also reduces glare for more visibility on the road. It can be used as both a supplementary LED high beam headlight and a powerful working light. The light is fully ECE-compliant in both versions and therefore suitable for use on roads. Additionally, OSRAM has developed a specially designed mounting kit, compatible with all driving lights of the Functional series FX Gen 2 for individual mounting. 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. Complete polarity protection both prevents damage from excess voltage and contributes to a longer lifespan. The LEDriving Lightbar FX500-SP SM GEN 2 has been tested and validated with the IP-Protection Classes IP6K8 & IP6K9K in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration. Its variability gives the FX series a flexible range of uses. They can be attached to cars, trucks, agricultural machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads<sup>1</sup>). OSRAM provides a 5-year guarantee<sup>2</sup>). 1) 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. 2) For precise conditions refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

Техническое описание продукта

Technical data

Информация о продукте

Номер заказа	LEDDL131-SP SM
Применение (категория и специфика)	Driving Light - Additional high beam application - central single mount

Электрические параметры

Номинальная мощность	52.00 ... 55.00 Вт
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Фотометрические данные

Световой поток	3930 лм
Цветовая температура	6000 K
Длина луча при освещенности 1 люкс	470 m

Размеры и вес



Вес продукта	1878.00 g
Длина	54 mm
Ширина	83.0 mm
Высота	437.0 mm

Срок службы

Срок службы Tc	> 5000 h
Гарантия	5 years

Дополнительные данные

Соединение с лампой	Deutsch (DT04-2P, DT06-2S)
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Возможности / мощности

Техническое описание продукта

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

Сертификаты и Стандарты

Стандарты	R10, 2 x R149
Сертификация/Соответствие стандартам	E57 approval
Тип защиты	IP6K8/IP6K9K
ECE reference number	30 + 30

Классификация

Номер заказа	LEDDL131-SP SM
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Условия поставки

Код заказа	85122000900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	28-02-2024
Primary Article Identifier	4062172366182
Declaration No. in SCIP database	In work

Данные для заказа

Product code	Описание продукта	Упаковка (цена/шт.)	Размеры (длина x ширина x высота)	Объем	Вес брутто
4062172366182	Lightbar FX500-SP SM GEN 2 LEDDL131-SP SM	Folding carton box 1	517 mm x 138 mm x 89 mm	6.35 дм³	2122.00 g
4062172366199	Lightbar FX500-SP SM GEN 2 LEDDL131-SP SM	Shipping carton box 4	537 mm x 295 mm x 208 mm	32.95 дм³	9188.00 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.

Советы по безопасности

For detailed application information, please refer to the product data sheet and the user instruction

Соответствие стандартам

1) 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.

## Техническое описание продукта

2) For precise conditions please refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

### Рекомендации по применению

Для получения дополнительной информации и изображения продукции, пожалуйста, ознакомьтесь с инструкцией.

### Примечание

В заказ могут быть внесены изменения без предварительного уведомления. Проверьте информацию на наличие ошибок. Убедитесь, что информация актуальна.

The OSRAM logo is displayed in a bold, orange, sans-serif font.