

Lightbar FX500-SP ECE R10, R112

Higher luminosity guarantees improved safety on the road



Spot Beam

Highly concentrated light beam



Lighting distance up to 450 meters

Improved far field illumination



Beam angle 5°

Exceptionally focused beam angle



LED auxiliary lights enhance driving pleasure

Improved far field illumination on dark rural and dirt roads – it's no problem for the LEDriving Lightbar FX500-SP. Its 20 intense, high-performance LEDs give the LED high beam a light distance up to 450 meters and ensure improved road safety for drivers. Even at dusk or in compromised lighting conditions, the LED bars for automobiles provide daylight conditions at a strong 6000 Kelvin without needlessly blinding oncoming traffic. The intelligent reflector design diverts the light from the LEDs so that oncoming traffic is only indirectly exposed to the light. The light is evenly distributed at a five degree angle. Robust, durable and versatile. Whether used as a LED working light or as an auxiliary high beam for the car – the powerful performance and long life of the LEDriving Lightbar FX500-SP make it a compelling choice. Equipped for a wide range of uses, it defies environmental factors and is particularly robust thanks to the quality craftsmanship of its materials and hard-wearing polycarbonate lens. The integrated driver and thermal management system regulates the temperature of the LED automotive headlight and prevents damage caused by overheating. Full polarity protection ensures the LEDs are automatically shut off in the event of excess voltage. Brightness for a wide range of uses. The LEDriving Lightbar FX500-SP is pure pleasure both on and off-road. The ECE-compliant LED auxiliary light ensures better visibility and thus improved safety on roads. In addition, it adds a smart touch that enhances the off-road style of the vehicle. The LED headlight can be mounted on many 12 V vehicles as well as agricultural machines, utility vehicles, recreational, off-road and 4x4 vehicles. The power package with an intense 4700 lumen brightness scores with the highest optical efficiency and homogeneous light distribution with reduced glare.

Product datasheet

Technical data

Product information

Order reference	LEDDL104-SP
Product type (off-road vs. on-road)	On-road
Application (Category and Product specific)	Additional high beam application

Electrical data

Nominal voltage	12/24 V
Nominal wattage	35 W
Test voltage	13.5 V

Photometrical data

Luminous flux	3500 lm
Color temperature	6000 K
Light distance at 1lx	450 m

Dimensions & weight

Product weight	2100.00 g
Length	655.0 mm
Width	94.0 mm
Height	77.0 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data

Connector to lamp	DT Connector
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Capabilities

Technology	LED
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Certificates & standards

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

Country specific categorizations

Product datasheet

Order reference	LEDDL104-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
4052899595378	LEDiving FX	Folding carton box 1	638 mm x 137 mm x 90 mm	7.87 dm ³	2338.00 g
4052899595385	LEDiving FX	Shipping carton box 4	655 mm x 295 mm x 208 mm	40.19 dm ³	10166.00 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
 User instruction LEDiving
 Movie application LEDiving 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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