OSRAM

Lightbar FX500-CB

Higher luminosity guarantees improved safety on the road

Combo Beam

Combined beam of light

Lighting distance up to 440 meters

Improved far and near field illumination

Beam angle 5°

Exceptionally focused beam angle

Product datasheet

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-CB. Its 20 intense, high-performance LEDs give the LED high beam a light distance up to 440 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 versatileWhether 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-CB 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 usesThe LEDriving Lightbar FX500-CB 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 12V vehicles as well as agricultural machines, utility vehicles, recreational, off-road and 4x4 vehicles. The power package with an intense 5500 lumen brightness scores with the highest optical efficiency and homogeneous light distribution with reduced glare.

Technical data

Product information

Order reference	LEDDL104-CB
Application (Category and Product specific)	Additional high beam application

Electrical data

Nominal voltage	12/24 V
Nominal wattage	70 W
Test voltage	13.5 V

Photometrical data

Luminous flux	5500 lm
Color temperature	6000 K
Light distance at 1lx	440 m

Dimensions & weight

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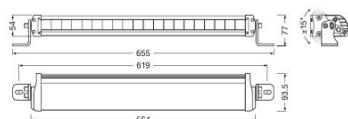
Product weight	2100.00 g
Length	655.0 mm
Width	94.0 mm
Height	77.0 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data

Connector to lamp	DT Connector

Product datasheet

Capabilities

Technology	LED

Certificates & standards

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

Country specific categorizations

Order reference	LEDDL104-CB

Logistical data

Commodity code	851220009000

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595392	Lightbar FX500-CB	Folding carton box 1	638 mm x 137 mm x 90 mm	7.87 dm³	2338.00 g
4052899595408	Lightbar FX500-CB	Shipping carton box 4	655 mm x 295 mm x 208 mm	40.19 dm³	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 LEDriving
	Movie application LEDriving driving & working lights in application (EN)
	Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (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

Product datasheet

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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