

Lightbar FX250-CB

Higher luminosity for improved safety on the road



Combo Beam
Combined beam of light



Lighting distance up to 320 meters
Improved far and near field illumination



Beam angle 5°
Exceptionally focused beam angle



Increased brightness thanks to LED auxiliary lights 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 FX250-CB is an ECE-compliant LED auxiliary light that provides additional, far field illumination on dark roads. Even in poor visibility conditions or at dusk, the ten high-performance LEDs reach a light distance of up to 320 meters and daytime lighting conditions with a color temperature of 6000 Kelvin. The auxiliary automotive light 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. An intelligent reflector design diverts the light from the LEDs so that oncoming traffic is only indirectly exposed to the light. With a beam angle of five degrees, oncoming vehicles are not needlessly blinded and the light is evenly distributed. Robust and durable thanks to superior craftsmanship. As an LED auxiliary light, the LEDriving Lightbar FX250-CB has to withstand quite a bit. Its compact housing and extremely robust polycarbonate lens can do just that. The LED bar for automobiles can stand up to the most extreme weather and environmental conditions. What's more, the integrated driver and thermal management system ensure that the ten high-performance LEDs will not overheat. Complete polarity protection both prevents damage from excess voltage and contributes to a longer lifespan for the LED bar. Safe and flexible both on-road and off-road. Its variability gives the LEDriving Lightbar FX250-CB a flexible range of uses. The LED lights can be installed on cars, utility vehicles, recreational and 4x4 vehicles and agricultural vehicles. Thanks to their extreme luminosity, they are also ideal as LED working lights on off-road vehicles. The powerful 2700 lumen LED auxiliary light provides the highest optical efficiency for every application and an aesthetic, homogeneous light distribution.

Technical data

Product information

Order reference	LEDDL103-CB
Application (Category and Product specific)	Additional high beam application

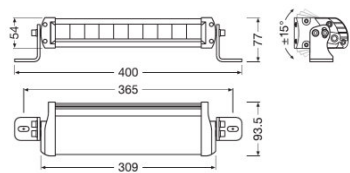
Electrical data

Nominal voltage	12/24 V
Nominal wattage	30 W
Test voltage	13.5 V

Photometrical data

Luminous flux	2700 lm
Color temperature	6000 K
Light distance at 1lx	320 m

Dimensions & weight

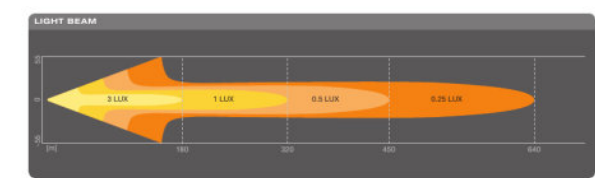


Product weight	120000 g
Length	4000 mm
Width	940 mm
Height	770 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data



Luminous intensity distribution

Connector to lamp	DT Connector
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Capabilities

Technology	LED
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Certificates & standards

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

Country specific categorizations

Order reference	LEDDL103-CB
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Logistical data

Commodity code	85122000900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product datasheet











Date of Declaration	06-03-2024
Primary Article Identifier	4052899595354
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	1efd6f45-d91e-402d-8d98-01f73e6f1f81


Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595354	Lightbar FX250-CB	Folding carton box 1	388 mm x 90 mm x 137 mm	4.78 dm ³	1398.00 g
4052899595361	Lightbar FX250-CB	Shipping carton box 4	408 mm x 295 mm x 208 mm	25.03 dm ³	6044.00 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 OSRAM Quality Testing LEDriving working and driving lights (EN)
	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
	Movie application LEDriving Driving and Working Lights Reference Video (EN)
	Movie application Working and Driving Lights Amarok Winter
	Movie application LEDriving driving & working lights in application (EN)
	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 LEDiving LIGHTBAR FX250-CB, LEDiving LIGHTBAR FX250-SP
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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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