

# 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

## Product family datasheet



### 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.

## Product family datasheet

### Technical data

	Product information	General Product Information	Electrical Data		Photometric Data
Product description	Application (Category and Product specific)	Global order reference	Nominal wattage	Test voltage	Nominal luminous flux
Lightbar FX250-CB	Additional high beam application	LEDDL103-CB	35.00 W	13.5 V	2700 lm













	Lifetime Data	Capabilities	Certificates & standards	
Product description	Lifespan Tc	Technology	Approval marks – approval	Type of protection
Lightbar FX250-CB	5000 hr	LED	E4 approval	IP67

		Logistical data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Standards	Commodity code	Date of declaration	Primary article identifier
Lightbar FX250-CB	ECE R10, R112	85122000900	05-08-2024	4052899595354

Product description	Candidate list substance 1	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
Lightbar FX250-CB	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	1efd6f45-d91e-402d-8d98-01f73e6f1f81

# Product family datasheet

## Download Data

File	
	User instruction LEDriving
	Movie application LEDriving D and W Image Video Bringing light to life (EN)
	Movie application Working and Driving Lights Amarok Winter
	Movie application LEDriving Driving and Working Lights Reference Video (EN)
	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
	Movie application LEDriving driving & working lights in application (EN)
	Movie application OSRAM Quality Testing LEDriving working and driving lights (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
	ref_pim_amsproduct360degreeimages LEDriving LIGHTBAR FX250-CB, LEDriving LIGHTBAR FX250-SP

### Legal advice

In vehicles with 12/24 volts, auxiliary lights must be installed in pairs  
Precise terms and conditions at:  
[www.osram.com/guarantee](http://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.

