

# 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 LEDDriving 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 LEDDriving 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 LEDDriving 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 description | Product information                         | General Product Information | Electrical Data |              | Photometric Data      |
|---------------------|---|-----------------------------|-----------------|--------------|-----------------------|
|                     | 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               |













| Product description | Lifetime Data | Capabilities | Logistical data | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------|---------------|--------------|-----------------|--|
|                     | Lifespan Tc   | Technology   | Commodity code  | Date of declaration  |
| Lightbar FX250-CB   | 5000 hr       | LED          | 85122000900     | 21-06-2024   |

| Product description | Primary article identifier | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction   |
|---------------------|----------------------------|----------------------------|------------------------|--|
| Lightbar FX250-CB   | 4052899595354              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

| Product description | Declaration no. in SCIP database     |
|---------------------|--------------------------------------|
| Lightbar FX250-CB   | 1efd6f45-d91e-402d-8d98-01f73e6f1f81 |

# Product family datasheet

## Download Data

| File  |  |
|---|--|
|    | User instruction<br>LEDriving  |
|    | Movie application<br>LEDriving D and W Image Video Bringing light to life (EN)                             |
|    | Movie application<br>Working and Driving Lights Amarok Winter  |
|    | Movie application<br>LEDriving Driving and Working Lights Reference Video (EN)                             |
|    | Movie application<br>OSRAM LEDdriving and working lights Imagefilm (EN)                                    |
|    | Movie application<br>LEDriving driving & working lights in application (EN)                                |
|    | Movie application<br>OSRAM Quality Testing LEDriving working and driving lights (EN)                       |
|    | Video<br>Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)                   |
|   | Video<br>OSRAM LEDriving driving and working lights: The night doesn't stand a chance                      |
|  | Video<br>OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN) |
|  | Video<br>Reference Number made easy - Making sure your LEDriving Driving Lights are legal on public roads  |
|  | ref_pim_amsproduct360degreeimages<br>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.

