## **OSRAM**

# Lightbar FX250-SP

Higher luminosity for improved road safety





**Spot Beam**Highly concentrated light beam



**Lighting distance up to 360 meters**Improved far and near field illumination



Beam angle 5°
Exceptionally focused beam angle



## High-performance LED auxiliary lights are permitted for use and improve visibility on roads

Not only does reliable and brilliant light improve visibility for drivers, above all, it improves safety on the road. The LEDriving Lightbar FX250-SP automotive auxiliary light gives drivers a powerful supplemental high beam that is approved for use on roads.

Even in difficult visibility conditions, the LED auxiliary light provides better perception of oncoming traffic with ten high-performance LEDs and 2700 lumen. Along with improving one's own safety, it improves road safety overall.

The intelligent reflector design of the LED high beam offers extreme efficiency with even light distribution. The highly concentrated light greatly improves far field illumination. The light beam from the LED automotive headlight reaches up to 360 meters.

#### **Durability & wide range of applications**

#### Product family datasheet

Daily use demands quite a bit from a vehicle. The stress doesn't stop at the LED auxiliary light. This is why it is equipped with an extremely robust polycarbonate lens that can withstand even harsh conditions for longer periods.

But high-quality materials aren't the only factor contributing to its durability: The integrated driver and thermal management system also plays a role in the long lifetime of the LED high beam light.

Over and under voltage protection ensure that the circuit is automatically shut off when power exceeds the predetermined current for a specified amount of time. This temporarily prevents overheating and extends the lifetime of the LED auxiliary light.

More light is important, and not only on roads: Powerful lighting is important off-road, on unlit dirt or forest roads and in agriculture.

This is why the LEDriving Lightbar FX250-SP LED auxiliary light can be easily installed on 4x4 and utility vehicles, and industrial and construction vehicles.

### Product family datasheet

#### Technical data

	Product information	General Produc	t	Electrical Data		Photom etric Data
Product description	Application (Category and Product specific)	Global order reference		Nominal wattage	Test voltage	Nominal luminou s flux
Lightbar FX250-SP	Additional high beam application	LEDDL103-SP		35.00 W	13.5 V	2700 lm
	Lifetime Data	Capabilities	Certific	ates & standards		
Product description	Lifespan Tc	Technology	Approv		f protection	
Lightbar FX250-SP	5000 hr	LED	E4 app	roval IP67		
		Logistical data		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	Standards	Commodity code		Primary article identifier	Candidate substance	

Product description	CAS No. of substance	Safe use instruction	Declaration no. in SCIP database
Lightbar FX250-SP	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	1e68ab0c-fc67-4595- 92b2-f7f1f760842a

### Product family datasheet

#### Download Data

	File
<u>**</u>	User instruction LEDriving
太	User instruction GPRS_Safety symbols instructions
D	Movie application LEDriving D and W Image Video Bringing light to life (EN)
	Movie application Working and Driving Lights Amarok Winter
D	Movie application LEDriving Driving and Working Lights Reference Video (EN)
D	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
D	Movie application LEDriving driving & working lights in application (EN)
D	Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)
D	Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
D	Video OSRAM LEDriving driving and working lights: The night doesn't stand a chance
D	Video OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN)
O	Video Reference Number made easy - Making sure your LEDriving Driving Lights are legal on public roads
	ref_pim_amsp_product360degreeimages LEDriving LIGHTBAR FX250-CB, LEDriving LIGHTBAR FX250-SP

#### Legal advice

In vehicles with 12/24 volts, auxiliary lights must be installed in pairsPrecise 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.















