

# 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

## Product family datasheet



### 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 LEDDriving 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 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 LEDDriving 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 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-SP	Additional high beam application	LEDDL103-SP	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-SP	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-SP	ECE R10, R112	85122000900	22-09-2024	4052899595330

Product description	Candidate list substance 1	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
Lightbar FX250-SP	Lead	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	
	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.

