

# 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 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 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 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 datasheet

## Technical data

### Product information

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

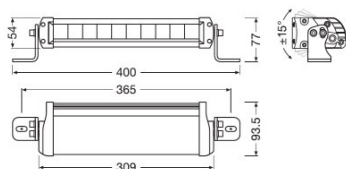
### Electrical data

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	360 m

### Dimensions & weight



Product weight	1200.00 g
Length	400.0 mm
Width	94.0 mm
Height	77.0 mm

### Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

### Additional product data

Connector to lamp	DT Connector
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## Product datasheet

### 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-SP
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### Logistical data





Commodity code	851220009000
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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595330	Lightbar FX250-SP	Folding carton box 1	388 mm x 137 mm x 90 mm	4.78 dm <sup>3</sup>	1366.00 g
4052899595347	Lightbar FX250-SP	Shipping carton box 4	408 mm x 295 mm x 208 mm	25.03 dm <sup>3</sup>	6066.00 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 LEDriving driving & working lights in application (EN)
	Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
	360 Degree Image 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)

## Product datasheet

### 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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