

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 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 |

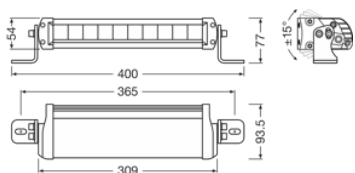
Electrical data

| | |
|-----------------|---------|
| 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

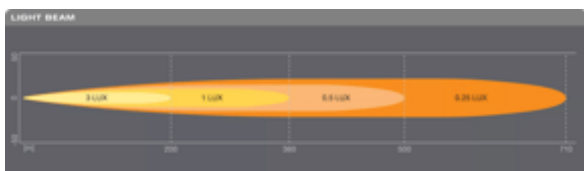


| | |
|----------------|-----------|
| Product weight | 1200.00 g |
| Length | 400.0 mm |
| Width | 94.0 mm |
| Height | 77.0 mm |

Lifespan

| | |
|-------------|---------|
| Lifespan Tc | 5000 h |
| Guarantee | 5 years |

Additional product data



Luminous intensity distribution

| | |
|-------------------|--------------|
| Connector to lamp | DT Connector |
|-------------------|--------------|

Capabilities

| | |
|------------|-----|
| Technology | LED |
|------------|-----|

Certificates & standards

| | |
|---------------------------|---------------|
| Standards | ECE R10, R112 |
| Approval marks – approval | E4 approval |
| Type of protection | IP67 |

Country specific categorizations

| | |
|-----------------|-------------|
| Order reference | LEDDL103-SP |
|-----------------|-------------|

Logistical data

| | |
|----------------|-------------|
| Commodity code | 85122000900 |
|----------------|-------------|

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product datasheet











| | |
|---|--|
| Date of Declaration | 06-03-2024 |
| Primary Article Identifier | 4052899595330 |
| Candidate List Substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |
| Safe Use Instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database | 1e68ab0c-fc67-4595-92b2-f7f1f760842a |

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 90 mm x 137 mm | 4.78 dm ³ | 1398.00 g |
| 4052899595347 | Lightbar FX250-SP | Shipping carton box 4 | 408 mm x 295 mm x 208 mm | 25.03 dm ³ | 6044.00 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 OSRAM Quality Testing LEDriving working and driving lights (EN) |
|  Movie application OSRAM LEDdriving and working lights Imagefilm (EN) |
|  Movie application LEDriving Driving and Working Lights Reference Video (EN) |
|  Movie application Working and Driving Lights Amarak Winter |
|  Movie application LEDriving driving & working lights in application (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 |

Product datasheet



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

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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