

Lightbar WL VX150-WD

**Wide Beam Pattern**

For a large-area and particularly wide light distribution

**Up to 45 m long beam**

See and be seen with OSRAM

**Robust and vibration resistant**

Specially designed for demanding work environments

**IP & IK protection classes**

Tested and validated in a DIN-certified environmental simulation laboratory regarding extreme external influences such as water, dust, shocks, impacts, heat, cold, permanent vibrations and many more

**Powerful LED working lights**

With the OSRAM LEDriving Lightbar WL VX150-WD, you achieve impressive illumination on dark field and forest paths, off-road and off the beaten tracks. The working light combines affordability with exceptional performance, quality and functionality, providing users with impressive visibility at workplaces beyond roads and off-road areas. Designed to meet diverse tasks, the working light impress with a luminous flux of up to 1500lm and a wide beam pattern with wide light distribution, significantly enhancing safety at work for you and others. Even in dim light and reduced visibility, the working light with up to 6000 Kelvin can provide conditions similar to daylight. Versatile applicable, it defies numerous environmental influences and, thanks to high-quality materials such as the aluminum housing and the stable polycarbonate lens, it is particularly light and at the same time robust and resistant. The LEDriving Lightbar WL VX150-WD has been tested and validated with the IP-Protection Classes IP6K8 & IP6K9K in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat, cold and permanent vibration. It is an effective and efficient addition to your vehicle and can be attached to trucks, agricultural machinery, commercial vehicles, construction vehicles and off-road vehicles¹⁾. OSRAM provides a 2-year guarantee²⁾.¹⁾ Additional working lights without ECE approval for use as work lights are approved for use on any vehicle according to German Road Traffic Licensing Regulations (StVZO) §52 (7). However, they must not be used and switched on while driving. In addition, individual special regulations, and laws of countries outside Germany must be observed. ²⁾For precise conditions refer to: www.osram.com/am-guarantee

Technical data

Product information

| | |
|---|---------------------------|
| Order reference | LEDWL109-WD |
| Application (Category and Product specific) | Working light application |

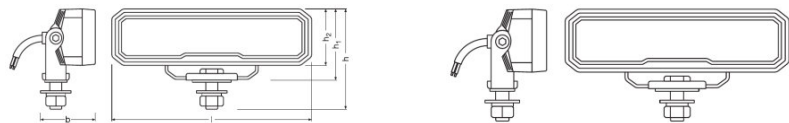
Electrical data

| | |
|-----------------|---------|
| Nominal wattage | 15.00 W |
| Test voltage | 13.2 V |

Photometrical data

| | |
|-----------------------|---------|
| Luminous flux | 1500 lm |
| Color temperature | 6000 K |
| Light distance at 1lx | 45 m |

Dimensions & weight



| | |
|----------------|----------|
| Product weight | 358.00 g |
| Length | 79.0 mm |
| Width | 42.2 mm |
| Height | 160.0 mm |

Lifespan

| | |
|-------------|----------|
| Lifespan Tc | > 5000 h |
| Guarantee | 2 years |

Additional product data

| | |
|-------------------|-----------|
| Connector to lamp | Open wire |
|-------------------|-----------|

Capabilities

Product datasheet

| | |
|------------|-------------------|
| Technology | LED ¹⁾ |
|------------|-------------------|

¹⁾ Light-emitting diode application

Certificates & standards

| | |
|---------------------------|--------------|
| Standards | ECE R10 |
| Approval marks – approval | E9 approval |
| Type of protection | IP6K8/IP6K9K |

Country specific categorizations

| | |
|-----------------|-------------|
| Order reference | LEDWL109-WD |
|-----------------|-------------|

Logistical data

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

Environmental information




| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|---------------|
| Date of Declaration | 16-02-2024 |
| Primary Article Identifier | 4062172355209 |
| Declaration No. in SCIP database | In work |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|----------------------------------|---------------------------------|---|-----------------------|--------------|
| 4062172355209 | Lightbar WL VX150-WD LEDWL109-WD | Folding carton box 1 | 82 mm x 52 mm x 182 mm | 0.78 dm ³ | 398.00 g |
| 4062172355216 | Lightbar WL VX150-WD LEDWL109-WD | Shipping carton box 12 | 272 mm x 232 mm x 210 mm | 13.25 dm ³ | 5056.00 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 Lightbar WL VX150 WD |
|  | Movie application OSRAM Quality Testing LEDriving working and driving lights (EN) |
|  | Movie application OSRAM LEDdriving and working lights Imagefilm (EN) |

Product datasheet



Movie application
OSRAM LEDdriving and working lights Imagefilm (EN)



Movie application
LEDriving Driving and Working Lights Reference Video (EN)

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

1) Additional working lights without ECE approval for use as work lights are approved for use on any vehicle according to German Road Traffic Licensing Regulations (StVZO) §52 (7). However, they must not be used and switched on while driving. In addition, individual special regulations, and laws of countries outside Germany must be observed.

2) For precise conditions refer to: www.osram.com/am-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.

OSRAM