Product datasheet

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

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Product datasheet

Technical data

Product information

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

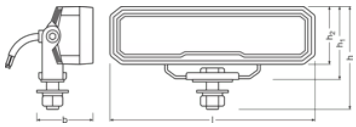
Electrical data

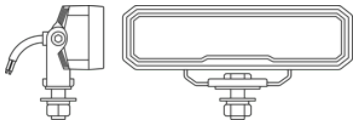
Nominal wattage	15.00 W
Test voltage	13.2 V

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

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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)

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	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

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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.

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