Product datasheet

Round VX80-WD

ECE certified - ECE R112

The necessary tests and approvals were carried out and an ECE type approval was granted[2)] ECE reference number: 12.5

Wide Beam

Designed for a near field illumination. For large area illumination in the near field of the vehicle

Light beam up to 240 m length

See and be seen with OSRAM

On-road & Off-road

Versatile applicable and flexible in use.On-road & off-road, in terrain, at work and in the spare time.

Bringing light to life with OSRAM LEDriving driving and working lights

Considerable foresight on dark country roads, forest paths, off the beaten tracks, off-road and on-road- this can be achieved with the OSRAM LEDriving Round VX80-WD. With its 4 powerful, high-performance long-life LEDs, the OSRAM LEDriving Round VX80-WD has a range of up to 240 meters and thus offers the driver impressive foresight on-road and off-road. Even in dim light and reduced visibility due to external environmental influences, the OSRAM LEDriving Round VX80-WD with up to 6000 Kelvin can provide conditions similar to daylight. The power package with up to 1150 lumens of luminosity scores with highest optical efficiency and homogeneous light distribution. This results in the possibility of an improved view for you and the improved visibility of your vehicle by other road users, and consequently also increased safety on-road and off-road.
Whether on-road or off-road – The OSRAM LEDriving Round VX80-WD impresses with its powerful performance and a long service life with up to 5000 hours. 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 OSRAM LEDriving Round VX80-WD has been tested and validated with the IP-Protection Class IP67 in our DIN certified environmental simulation laboratory for extreme external influences regarding water, dust, impacts, heat,

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cold and permanent vibration. The integrated driver and the thermal management system regulate the temperature of the OSRAM LEDriving Round VX80-WD and can thus prevent damage from overheating. The polarity protection inhibits the wrong polarity of the voltage supply and can thus prevent possible damage by automatically switching off the LEDs. On-road and off-road, the OSRAM LEDriving Round VX80-WD is an effective and efficient addition to your vehicle. No registration or entry in the vehicle documents is necessary for these ECE-certified LED driving lights[2)].

ECE reference number: 12.5

The OSRAM LEDriving Round VX80-WD can be attached to cars, trucks, agricultural machinery, farm machinery, commercial vehicles, construction vehicles, caravans, off-road vehicles and quads[2)].

The OSRAM LEDriving Round VX80-WD is versatile applicable and flexible in use.

2) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: Special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed.

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Technical data

Product information

Application (Category and Product specific)	Additional high beam application

General Product Information

Global order reference	LEDDL119-WD
Product remark	Beam Pattern: Wide

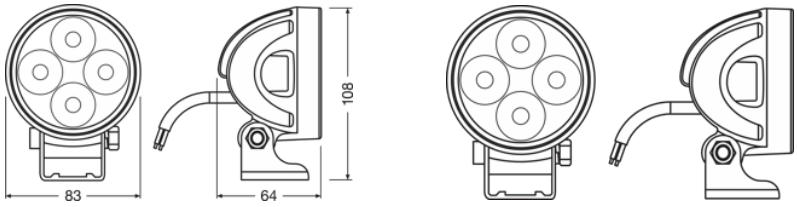
Electrical Data

Nominal voltage	12/24 V
Nominal wattage	24 W
Test voltage	13.5 V

Photometric Data

Nominal luminous flux	1150 lm
Color temperature	6000 K
Light distance at 1lx	240 m

Physical Attributes & Dimensions



Product weight	510.00 g
Length	326.8 mm
Width	255.9 mm
Height	83 mm

LED module information

Number of LEDs per module	4

Lifetime Data

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Lifespan Tc	5000 hr
Guarantee	2 years

Additional product data

Connector to lamp	Open wire
Product remark	Beam Pattern: Wide

Capabilities

Technology	LED [1)]

[1)] Light-emitting diode application

Certificates & standards

Approval marks – approval	E4 approval
Type of protection	IP67
Standards	ECE R10, R112
ECE reference number	12.5

Logistical data

Commodity code	85122000900

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
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	1bd24f11-4eca-4745-a0dd-62d2e02a3816 | 6b936d75-46c3-4dde-882e-86058d6b5b22 | df0f295e-34cd-4286-b5ea-a2e1b687bbf3 | 3d59b555-2c3d-4d01-8bd1-7141a6239580 | d24869ff-3230-4b0b-9125-9296f06e8a68

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172150712	Round VX80-WD	Folding carton box 1	132 mm x 92 mm x 102 mm	1.24 dm^3	570.00 g
4062172150729	Round VX80-WD	Shipping carton box 8	277 mm x 197 mm x 224 mm	12.22 dm^3	4835.00 g

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Product datasheet

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 Round VX80-WD
	User instruction GPRS_Safety symbols instructions
	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 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_amsp_product360degreeimages Round VX80-WD LEDDL119-WD

Legal advice

Legal advice:

The installation of the OSRAM LEDriving Round VX80-WD is fully ECE compliant and therefore registration free. This does not include individual custom requirements of countries, in addition to the standardized ECE certification of the product.

1) Precise terms and conditions at: www.osram.com/am-guarantee

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2) OSRAM LEDriving Driving Lights are approved according to ECE regulations and may therefore be installed and operated on public roads. Please note: Special installation regulations apply. In addition to ECE approval of the product, individual special requirements and legislation of the countries must be observed.Refer to www.osram.com/am-guarantee for precise conditions

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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