Product datasheet

Cube VX80-SP



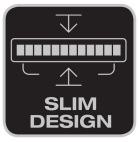
Spot Beam
Designed for far field illumination. For a focused illumination in the far field of the vehicle.



Up to 114 m long beam
See and be seen with OSRAM



Working Light Application
Versatile applicable and flexible in use. Off-road, in terrain, at work and in the spare time.



Slim design
Slim design for a discreet appearance when mounted on the vehicle

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Bringing light to life with OSRAM LEDriving driving and working lights

Considerable illumination on dark field- and forest paths, off-road and off the beaten tracks, this can be achieved with the OSRAM LEDriving Cube VX80-SP. With its 4 powerful, high-performance long-life LEDs, the OSRAM LEDriving Cube VX80-SP has a range of up to 114 meters and thus offers the operator impressive visibility at the workplace and in terrain. Even in dim light and reduced visibility due to external environmental influences, the OSRAM LEDriving Cube VX80-SP with up to 6000 Kelvin can provide conditions similar to daylight. The power package with up to 1300 lumens of luminosity scores with highest optical efficiency and homogeneous light distribution. This results in the possibility of an improved visibility for you and an improved visibility of your working environment, consequently also an increased safety.The OSRAM LEDriving Cube VX80-SP 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 Cube VX80-SP 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, cold and permanent vibration. The integrated driver and the thermal management system regulate the temperature of the LED Spotlight 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. The OSRAM LEDriving Cube VX80-SP is an effective and efficient addition to your vehicle.The OSRAM LEDriving Cube VX80-SP can be attached to cars, trucks, agricultural machinery, farm machinery, commercial vehicles, construction vehicles, off-road vehicles and quads2).The OSRAM LEDriving Cube VX80-SP is versatile applicable and flexible in use.2) Auxiliary work lights without ECE approval to be used as working lights and are approved for use on any vehicle in accordance with StVZO §52 (7). However, they may not be switched on and used while driving.

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Technical data

Product information

Order reference	LEDWL101-SP
Application (Category and Product specific)	Additional high beam application

Electrical data

Nominal voltage	12/24 V
Nominal wattage	20.00 W
Test voltage	13.2 V

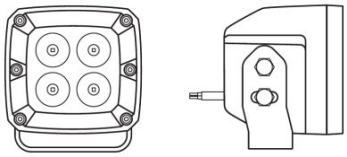
Photometrical data

Luminous flux	1300 lm
Color temperature	6000 K
Light distance at 1lx	114 m

LED module information

Number of LEDs per module	4

Dimensions & weight



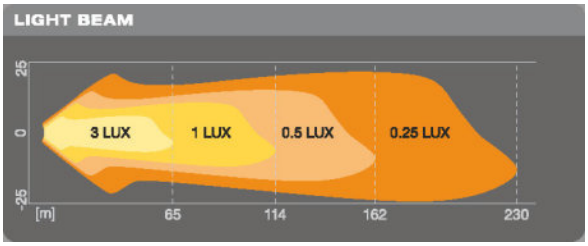
Product weight	1090.00 g
Length	85.0 mm
Width	80 mm
Height	70.0 mm

Lifespan

Lifespan Tc	5000 h
Guarantee	2 years

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Additional product data



Luminous intensity distribution

Connector to lamp	Open wire
Product remark	Beam Pattern: Spot

Capabilities

Technology	LED [1]

[1] Light-emitting diode application

Certificates & standards

Standards	ECE R10
Approval marks – approval	E4 approval
Type of protection	IP67

Country specific categorizations

Order reference	LEDWL101-SP

Logistical data

Commodity code	85122000900

Environmental information

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Product datasheet

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	16-02-2024
Primary Article Identifier	4062172141970
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	da99be55-f2a7-4897-aba9-94dfb3d43128

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172141970	Cube VX80-SP	Folding carton box 2	217 mm x 97 mm x 115 mm	2.42 dm^3	2277.00 g
4062172141987	Cube VX80-SP	Shipping carton box 16	412 mm x 242 mm x 144 mm	14.36 dm^3	18436.00 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 Cube WL VX80-SP
	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 Amarok Winter
	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)
	360 Degree Image LEDriving Cube VX80-SP LEDWL101-SP

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

2) Auxiliary work lights without ECE approval to be used as working lights and are approved for use on any vehicle in accordance with StVZO §52 (7). However, they may not be switched on and used while driving.

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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