

# 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



### 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 quads<sup>2</sup>). The OSRAM LEDriving Cube VX80-SP is versatile applicable and flexible in use.<sup>2</sup>) 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.

## Product family datasheet

### Technical data

Product description	Product information		Electrical data		Photometrical data	LED module information
	Order reference	Application (Category and Product specific)	Nominal voltage	Nominal wattage	Luminous flux	Number of LEDs per module
Cube VX80-SP <sup>1)</sup>	LEDWL101-SP	Additional high beam application	12/24 V	20.00 W	1300 lm	4

Product description	Lifespan	Capabilities	Certificates & standards		
	Lifespan Tc	Technology	Standards	Approval marks – approval	Type of protection
Cube VX80-SP <sup>1)</sup>	5000 h	LED <sup>2)</sup>	ECE R10	E4 approval	IP67

Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
Cube VX80-SP <sup>1)</sup>	85122000900	16-02-2024	4062172141970	Lead










Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
Cube VX80-SP <sup>1)</sup>	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	da99be55-f2a7-4897-aba9-94dfb3d43128

<sup>1)</sup> Beam Pattern: Spot

<sup>2)</sup> Light-emitting diode application

## Product family datasheet

### Download Data

File	
	User instruction LEDiving Cube WL VX80-SP
	Movie application OSRAM Quality Testing LEDiving working and driving lights (EN)
	Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
	Movie application LEDiving Driving and Working Lights Reference Video (EN)
	Movie application Working and Driving Lights Amarok Winter
	Video Light is Quality -OSRAM LEDiving Driving and Working Lights Quality Tests (EN)
	Video OSRAM LEDiving driving and working lights: The night doesn't stand a chance
	Video OSRAM LEDiving driving and working lights in action - From on road to off road applications (EN)
	360 Degree Image LEDiving Cube VX80-SP LEDWL101-SP

#### Legal advice:

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