

# Cube VX80-SP



### Spot Beam

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



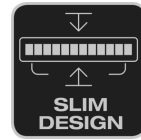
### Up to 114 m long beam

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 information                         | General Product Information | Electrical Data |                 |
|----------------------------|---------------------------------------------|-----------------------------|-----------------|-----------------|
| Product description        | Application (Category and Product specific) | Global order reference      | Nominal voltage | Nominal wattage |
| Cube VX80-SP <sup>1)</sup> | Additional high beam application            | LEDWL101-SP                 | 12/24 V         | 20 W            |

|                            | Photometric Data      | LED module information    | Lifetime Data | Capabilities      | Certificates & standards  |
|----------------------------|-----------------------|---------------------------|---------------|-------------------|---------------------------|
| Product description        | Nominal luminous flux | Number of LEDs per module | Lifespan Tc   | Technology        | Approval marks – approval |
| Cube VX80-SP <sup>1)</sup> | 1300 lm               | 4                         | 5000 hr       | LED <sup>2)</sup> | E4 approval               |

|                            |                    |           | Logistical data | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|----------------------------|--------------------|-----------|-----------------|--------------------------------------------------------------------------------------------------|
| Product description        | Type of protection | Standards | Commodity code  | Date of declaration                                                                              |
| Cube VX80-SP <sup>1)</sup> | IP67               | ECE R10   | 85122000900     | 22-09-2024                                                                                       |











| Product description        | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction                                                                               | Declaration no. in SCIP database     |
|----------------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| Cube VX80-SP <sup>1)</sup> | Lead                       | 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<br>LEDriving Cube WL VX80-SP                                                              |
|    | Movie application<br>LEDriving D and W Image Video Bringing light to life (EN)                             |
|    | Movie application<br>Working and Driving Lights Amarak Winter                                              |
|    | Movie application<br>LEDriving Driving and Working Lights Reference Video (EN)                             |
|    | Movie application<br>OSRAM LEDdriving and working lights Imagefilm (EN)                                    |
|    | Movie application<br>OSRAM Quality Testing LEDriving working and driving lights (EN)                       |
|    | Video<br>Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)                   |
|    | Video<br>OSRAM LEDriving driving and working lights: The night doesn't stand a chance                      |
|   | Video<br>OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN) |
|  | ref_pim_amsproduct360degreeimages<br>LEDriving Cube VX80-SP LEDWL101-SP                                    |

#### Legal advice

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.