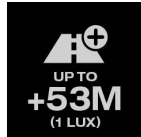


Round VX70-SP



Spot Beam

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



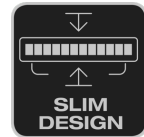
Up to 53 m long beam

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 Round VX70-SP. With its 5 powerful, high-performance long-life LEDs, the OSRAM LEDriving Round VX70-SP has a range of up to 53 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 Round VX70-SP with up to 6000 Kelvin can provide conditions similar to daylight. The power package with up to 550 lumens of luminosity scores with highest optical efficiency and homogeneous light distribution. This results in the possibility of an improved visibility for you and the improved visibility of your working environment, consequently also an increased safety. The OSRAM LEDriving Round VX70-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 Round VX70-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 Round VX70-SP is an effective and efficient addition to your vehicle. The OSRAM LEDriving Round VX70-SP can be attached to cars, trucks, agricultural machinery, farm machinery, commercial vehicles, construction vehicles, off-road vehicles and quads²). The OSRAM LEDriving Round VX70-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.

Product datasheet

Technical data

Product information

| | |
|---|----------------------------------|
| Order reference | LEDWL102-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 |

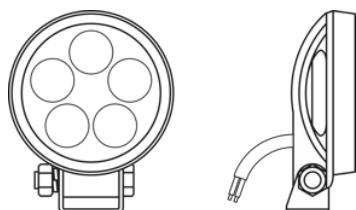
Photometrical data

| | |
|-----------------------|--------|
| Luminous flux | 550 lm |
| Color temperature | 6000 K |
| Light distance at 1lx | 53 m |

LED module information

| | |
|---------------------------|---|
| Number of LEDs per module | 5 |
|---------------------------|---|

Dimensions & weight

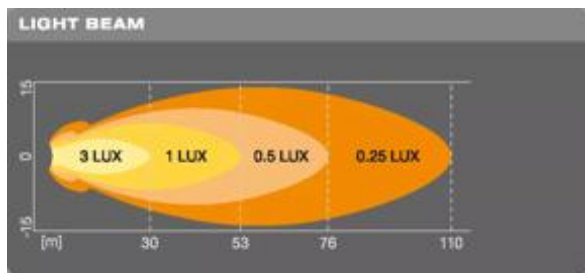


| | |
|----------------|----------|
| Product weight | 450.00 g |
| Length | 93.0 mm |
| Width | 75.0 mm |
| Height | 30.0 mm |

Lifespan

| | |
|-------------|---------|
| Lifespan Tc | 5000 h |
| Guarantee | 2 years |

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 | LEDWL102-SP |
|-----------------|-------------|

Logistical data

| | |
|----------------|-------------|
| Commodity code | 85122000900 |
|----------------|-------------|

Environmental information

Product datasheet

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)










| | |
|----------------------------------|--|
| Date of Declaration | 16-02-2024 |
| Primary Article Identifier | 4062172150699 |
| 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 | a63ff50a-0e7a-4fd7-a23b-5da46e17371d |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4062172150699 | Round VX70-SP | Folding carton box 2 | 175 mm x 62 mm x 122 mm | 1.32 dm ³ | 966.00 g |
| 4062172150705 | Round VX70-SP | Shipping carton box 16 | 272 mm x 202 mm x 154 mm | 8.46 dm ³ | 7858.00 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 Round WL VX70-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 Round VX70-SP LEDWL102-SP | |

Product datasheet

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.

OSRAM