

# LEDiving Universal Headlights



## 4 function Universal Headlight

Maximum flexibility and a wide range of possible applications



## Brilliantly white light with up to 6500K

Exceptional illumination, performance, quality, shape, durability and functionality



## IP & IK protection classes

Tested and validated in a DIN-certified environmental simulation laboratory regarding extreme external influences such as water, dust, shocks, impacts, heat, cold, permanent vibrations and many more



## 2 years OSRAM guarantee<sup>1)</sup>

Powerful performance and exceptionally long service life



### Individual light for individual requirements

Experience maximum flexibility and a wide range of possible applications with the OSRAM LEDDriving Universal Headlights. The Bi-LED modules seamlessly integrate both low beam and high beam functionalities into a single headlamp module, providing you with the option for additional position light and daytime running light functions based on your requirements. They are available for left-hand drive (LEDUHL101/LEDUHL103) and right-hand drive (LEDUHL102/LEDUHL104). The four headlights in total offer superior illumination, performance, and quality. They are designed to deliver a brilliantly white light with exceptional clarity, ensuring enhanced visibility on the road. With their durable construction and sleek design, the headlights combine both style and functionality. The Universal Headlights are suitable for 12V and 24V vehicles and come in four different variants with a wide range of applications: the basic functions of low beam or high beam can be combined with other functions such as daytime running light and position light. Additionally, OSRAM has developed a specially designed mounting kit for easy, uncomplicated and flexible assembly. The LEDDriving Mounting Kit MK1 comes with a mounting plate, screws, clips and inserts and offers three mounting options: direct mount, mount with a mounting plate, and optional mount with a leveling motor. This allows for easy adaptation to different vehicle types. When it comes to external influences, the Universal Headlights are built to withstand extreme conditions. They are resistant to water, dust, shocks, vibrations, and a wide range of temperatures (validated according to the highest IP & IK protection classes IP6K7 & IP6K9K). Trust in quality and performance – OSRAM LEDDriving Universal Headlights are proudly made in Europe, meet the highest standards and have a 2-year OSRAM guarantee<sup>1)</sup>.<sup>1)</sup>For precise conditions refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

# Product datasheet

## Technical data

### Product information

Application (Category and Product specific)	Headlights
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### General Product Information

Global order reference	LEDUHL103-LEDUHL104
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### Electrical Data

Nominal voltage	12/24 V
Nominal wattage	28 W
System wattage	28 W

### Photometric Data

Nominal luminous flux	780-1180 lm
Color temperature	5400-6500 K

### Physical Attributes & Dimensions

Product weight	1150.00 g
Length	153.0 mm
Width	142.0 mm
Height	152.0 mm

### Lifetime Data

Guarantee	2 years
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### Certificates & standards

Type of protection	IP6K9K/IP6K7
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### Logistical data

Commodity code	85122000900
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### Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of declaration	26-06-2024
Declaration no. in SCIP database	In work




## Logistical Data

## Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172219563	LEDriving Universal Headlight 103-104		- x - x -	20.40 dm <sup>3</sup>	
4062172239004	LEDriving Universal Headlight 103-104		- x - x -	20.40 dm <sup>3</sup>	

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 UNIVERSAL HEADLIGHT, LEDriving UNIVERSAL HEADLIGHT
 Movie application LEDriving Universal Headlights LEDUHL Produkt Video DE
 Movie application LEDriving Universal Headlights LEDUHL Product Video EN

#### Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

#### Legal advice

1)For precise conditions refer to: [www.osram.com/am-guarantee](http://www.osram.com/am-guarantee)

#### 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