

# 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 family datasheet

### Technical data

Product description	Product information	General Product Information	Electrical Data	
	Application (Category and Product specific)	Global order reference	Nominal voltage	Nominal wattage
LEDriving Universal Headlight 101-102	Headlights	LEDUHL101-LEDUHL102	12/24 V	33 W
LEDriving Universal Headlight 103-104	Headlights	LEDUHL103-LEDUHL104	12/24 V	28 W





Product description	Photometric Data	Lifetime Data	Certificates & standards	Logistical data
	Nominal luminous flux	Guarantee	Type of protection	Commodity code
LEDriving Universal Headlight 101-102	780-1180 lm	2 years	IP6K9K/IP6K7	85122000900
LEDriving Universal Headlight 103-104	780-1180 lm	2 years	IP6K9K/IP6K7	85122000900

Product description	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Candidate list substance 1	CAS No. of substance 1	Safe use instruction	Declaration no. in SCIP database
LEDriving Universal Headlight 101-102	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	51c804e5-a716-423b-9b00-79678aa88245   a268750e-65fc-4122-a409-e28a0f4e1b0b
LEDriving Universal Headlight 103-104	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	6904f19b-82a9-4db3-b918-16301695a51d   ae047939-c152-4b35-97cd-876f5b0b5933

## Product family datasheet

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### Download Data

File	
	User instruction LEDriving UNIVERSAL HEADLIGHT, LEDriving UNIVERSAL HEADLIGHT
	User instruction GPRS_Safety symbols instructions
	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.