

LEDsBIKE RACE 80 SET



Luminosity up to 80 Lux

The powerful LED technology provides wide illumination of up to 80 meters



Usage time up to 13 hours¹⁾

Ideal for long bike rides or commutes without having to worry about recharging



Automatic mode

The integrated brightness sensor automatically adjusts the light intensity to the ambient light



StVZO street legal

Approved according to German StVZO with K-Mark for on-road use



Your light, your ride, your safety!

Discover the LEDsBIKE RACE 80 SET, the new highlight for all cycling enthusiasts, which takes visibility and versatility to a new level. With multiple lighting modes—automatic and manual—and three brightness levels (100%, 50%, and 25% brightness), the front light adapts perfectly to any environment. It provides powerful illumination with 80 lux and a range of up to 80 meters. The display always informs you about the selected mode and the current light intensity. With a battery life of up to 13 hours¹⁾, it is ideal for long journeys or commutes without having to worry about recharging. The tool-free 360-degree mounting allows for quick and easy installation, making the LEDsBIKE RACE 80 SET an ideal companion for every cyclist. The included USB-C cable ensures convenient charging of the lithium-ion battery, while the battery and charging indicator keep you informed of the current status. The battery of the front and rear light can be fully charged within 2.5 hours. The high-quality construction, including a black ABS housing and transparent polycarbonate lens, promises durability and reliability. It complies with German road traffic regulations (StVZO) and has the K-marking. With IP44 certification, it is protected against water so that you are safe on the road even in bad weather. OSRAM offers a 2-year guarantee on all LEDsBIKE RACE bicycle lights²⁾.

Product family datasheet

Technical data

	Product information	General Product Information	Electrical Data	Photometric Data
Product description	Application (Category and Product specific)	Global order reference	Nominal voltage	Light color LED
LEDsBIKE RACE 80 SET	LED Bike Lights	LEDBL102 SET	3.7 V	Cold white

			Lifetime Data	Additional product data
Product description	Light distance at 1lx	Nominal luminous flux	Guarantee	Usage time
LEDsBIKE RACE 80 SET	80 m	110 lm	2 years	Up to 13 h (front light): eco (25 %): 13 hours; low (50 %): 6.5 hours; max (100 %): 3.5 hours Up to 13 h (rear light)



				Capabilities
Product description	Setting	Charging Type	Type of Battery	Technology
LEDsBIKE RACE 80 SET	4 settings: eco (25%), low (50%), max (100%), auto	USB-C	Lithium Ion	LED

	Certificates & standards		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Type of protection	Standards	Date of declaration	Primary article identifier
LEDsBIKE RACE 80 SET	IP44	StVZO	19-10-2024	4062172403856

Product description	Candidate list substance 1	Declaration no. in SCIP database
LEDsBIKE RACE 80 SET	No declarable substances contained	In work

Product family datasheet

Download Data

File	
	User instruction LEDsBIKE RACE 80 SET
	Product movie LEDsBIKE RACE 100 SET Product Trailer EN

Safety advice

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

Legal advice

1) Front light usage time varies depending on the brightness level: 25 %: 13 hours; 50 %: 6.5 hours; 100 %: 3.5 hours2) For precise conditions please refer to: 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.