OSRAM

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 hours[1]
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 hours[1], 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 lights[2].

Product family datasheet

Technical data

Product description	Product information Application (Category and Product specific)	Electrical Data Nominal voltage	Photometric Data Light color LED	Light distance at 1lx
LEDsBIKE RACE 80 SET	LED Bike Lights	3.7 V	Cold white	80 m

Product description	Nominal luminous flux	Lifetime Data Guarantee	Additional product data Usage time	Setting
LEDsBIKE RACE 80 SET	110 lm	2 years	Up to 13 h (front light): eco (25 %): 13 hours; low (50 %): 6.5 hours; max (100 %): 3.5 hoursUp to 13 h (rear light)	4 settings: eco (25%), low (50%), max (100%), auto

Product description	Charging Type	Type of Battery	Certificates & standards Type of protection	Standards
LEDsBIKE RACE 80 SET	USB-C	Lithium Ion	IP44	StVZO

Product description	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh) Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
LEDsBIKE RACE 80 SET	4062172403856	No declarable substances contained	No declarable substances contained

Product family datasheet

Download Data

	File
	User instruction LEDsBIKE RACE 80 SET
	User instruction GPRS_Safety symbols instructions
	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.