

LEDsBIKE RACE 100 SET



Luminosity up to 100 Lux

The powerful LED technology provides wide illumination of up to 100 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



Rear light inclusive brake light function

For greater visibility in road traffic



Your light, your ride, your safety!

Discover the LEDsBIKE RACE 100 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 100 lux and a range of up to 100 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. A special highlight is the rear light with intelligent brake light function, which increases both visibility and safety in road traffic. The tool-free 360-degree mounting allows for quick and easy installation, making the LEDsBIKE RACE 100 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 light can be fully charged within 3 hours. The rear light only takes 2.5 hours to charge. The high-quality construction, including an aluminum heat sink, 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 description | Product information | Electrical Data | Photometric Data | |
|-----------------------|---|-----------------|------------------|-----------------------|
| | Application (Category and Product specific) | Nominal voltage | Light color LED | Nominal luminous flux |
| LEDsBIKE RACE 100 SET | LED Bike Lights | 3.7 V | Cold white | 115 lm |

| Product description | Color temperature | Lifetime Data | Additional product data | |
|-----------------------|-------------------|---------------|-------------------------|--|
| | | Guarantee | Charging Type | Setting |
| LEDsBIKE RACE 100 SET | 5400 K | 2 years | USB-C | 4 settings: eco (25%), low (50%), max (100%), auto |

| Product description | Usage time | Type of Battery | Certificates & standards | |
|-----------------------|--|-----------------|--------------------------|-----------|
| | | | Type of protection | Standards |
| LEDsBIKE RACE 100 SET | Up to 13 h (front light): eco (25 %): 13 hours; low (50 %): 9 hours; max (100 %): 4 hoursUp to 13 h (rear light) | 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 100 SET | 4062172403870 | No declarable substances contained | No declarable substances contained |

Download Data

| File | |
|---|---|
|  | User instruction LEDsBIKE RACE 100 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 %: 9 hours; 100 %: 4 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.