

# 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 hours<sup>1)</sup>**

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 hours<sup>1)</sup>, 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 lights<sup>2)</sup>.

# 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 100 SET | LED Bike Lights                             | LEDBL103 SET                | 3.7 V           | Cold white       |

| Product description   | Color temperature | Nominal luminous flux | Lifetime Data | Additional product data  |  |
|-----------------------|-------------------|-----------------------|---------------|--|--|
|                       |                   |                       | Guarantee     | Usage time   | Setting  |
| LEDsBIKE RACE 100 SET | 5400 K            | 115 lm                | 2 years       | Up to 13 h (front light): eco (25 %): 13 hours; low (50 %): 9 hours; max (100 %): 4 hours<br>Up to 13 h (rear light) | 4 settings: eco (25%), low (50%), max (100%), auto |

| Product description   | Charging Type | Type of Battery | Capabilities | Certificates & standards |
|-----------------------|---------------|-----------------|--------------|--------------------------|
|                       |               |                 | Technology   | Type of protection       |
| LEDsBIKE RACE 100 SET | USB-C         | Lithium Ion     | LED          | IP44                     |

| Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |           |                     |                            |                                    |
|---|-----------|---------------------|----------------------------|------------------------------------|
| Product description   | Standards | Date of declaration | Primary article identifier | Candidate list substance 1         |
| LEDsBIKE RACE 100 SET   | StVZO     | 26-08-2024          | 4062172403870              | No declarable substances contained |

| Product description   | Declaration no. in SCIP database |
|-----------------------|----------------------------------|
| LEDsBIKE RACE 100 SET | In work                          |

## Product family datasheet

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### Download Data

| File  |   |
|---|---|
|  | User instruction<br>LEDsBIKE RACE 100 SET                 |
|  | Product movie<br>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](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.