**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 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

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**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).

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## Technical data

| | Product information | Electrical data | Photometrical data | | |
|---|---|---|---|---|---|
| **Product description** | **Application (Category and Product specific)** | **Nominal voltage** | **Light color LED** | **Light distance at 1lx** | **Lux Value** |
| LEDsBIKE RACE 80 SET LEDBL102 SET | LED Bike Lights | 3.7 V | Cold white | 80 m | 80 |

| | | | Lifespan | Additional product data | |
|---|---|---|---|---|---|
| **Product description** | **Color temperature** | **Luminous flux** | **Guarantee** | **Usage time** | **Setting** |
| LEDsBIKE RACE 80 SET LEDBL102 SET | 5400 K | 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 |

| | | | Capabilities | Certificates & standards |
|---|---|---|---|---|
| **Product description** | **Charging Type** | **Type of Battery** | **Technology** | **Standards** |
| LEDsBIKE RACE 80 SET LEDBL102 SET | USB-C | Lithium Ion | LED | StVZO |

| | | Environmental information<br>**Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)** | | |
|---|---|---|---|---|
| **Product description** | **Type of protection** | **Date of Declaration** | **Primary Article Identifier** | **Declaration No. in SCIP database** |
| LEDsBIKE RACE 80 SET LEDBL102 SET | IP44 | 24-06-2024 | 4062172403856 | In work |

## Download Data

| | File |
|---|---|
|  | User instruction<br>LEDsBIKE RACE 80 SET |

**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 hours

2) 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.

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