

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 datasheet

Technical data

Product information

| | |
|---|-----------------|
| Application (Category and Product specific) | LED Bike Lights |
|---|-----------------|

General Product Information

| | |
|------------------------|--------------|
| Global order reference | LEDBL102 SET |
|------------------------|--------------|

Electrical Data

| | |
|-----------------|-------|
| Nominal voltage | 3.7 V |
|-----------------|-------|

Photometric Data

| | |
|-----------------------|------------|
| Nominal luminous flux | 110 lm |
| Light distance at 1lx | 80 m |
| Light color LED | Cold white |

Lifetime Data

| | |
|-----------|---------|
| Guarantee | 2 years |
|-----------|---------|

Additional product data

| | |
|-----------------|--|
| Type of Battery | Lithium Ion |
| Charging Type | USB-C |
| Setting | 4 settings: eco (25%), low (50%), max (100%), auto |
| Usage time | 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) |

Capabilities

| | |
|------------|-----|
| Technology | LED |
|------------|-----|

Certificates & standards

| | |
|--------------------|-------|
| Type of protection | IP44 |
| Standards | StVZO |

Environmental & Regulatory Information

| | |
|--|------------------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
| Primary article identifier | 4062172403856 |
| Candidate list substance 1 | No declarable substances contained |
| Declaration no. in SCIP database | No declarable substances contained |

Product datasheet

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|----------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4062172403856 | LEDsBIKE RACE 80 SET | HFB 1 | 115 mm x 55 mm x 165 mm | 1.04 dm ³ | 223.00 g |
| 4062172403863 | LEDsBIKE RACE 80 SET | Shipping carton box 8 | 248 mm x 248 mm x 196 mm | 12.05 dm ³ | 2084.00 g |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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.

OSRAM