

LEDsBIKE COMPACT 100 SET



Up to 100 Lux

The powerful LED technology provides powerful illumination of up to 95 meters



Battery life up to 12 hours (front light), 13 hours (rear light)

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 with automatic mode and brake light function

For greater visibility in road traffic



Enhanced vision and visibility for every ride

The LEDsBIKE COMPACT 100 SET lights up your ride with powerful illumination—offering up to 100 lux brightness and a light beam of up to 95 meters for enhanced visibility and safety on the road.

Adaptable lighting for every situation:

The front light offers multiple modes – automatic or manual – and three brightness levels (100 %, 50 %, 25 %). An integrated sensor adjusts the light automatically to the surroundings, while the intelligent rear light features an automatic mode and a brake light for extra safety.

Long-lasting power, easy charging:

With a battery life of up to 13 hours¹⁾, it is ideal for long journeys or commutes without having to worry about recharging. The included USB-C cable ensures convenient charging, while the battery and charging indicator keeps you informed at all times. The front light fully charges in 3 hours. The rear light only takes 2 hours to charge.

Compact, durable, and weather-resistant:

The lightweight design features a durable black ABS housing with a transparent acrylic lens. Thanks to the Garmin-compatible mounting bracket, it fits handlebars from 22.2 mm to 35 mm securely and effortlessly. Certified according to German StVZO and with IP54 protection, it

Product family datasheet

resists rain, splashes, and dust – keeping you visible in all weather conditions.

Backed by a 2-year OSRAM guarantee¹⁾, it's the ideal choice for cyclists who value safety, quality, and worry-free commuting.

Product family datasheet

Technical data

	Product information		General Product Information	Electrical Data
Product description	Application (Category and Product specific)	Product legal advice 1	Global order reference	Nominal voltage
LEDsBIKE COMPACT 100 SET	LED Bike Lights	1) For precise conditions refer to: www.osram.com/am-guarantee	LEDBL105 SET	3.7 V

	Photometric Data			Lifetime Data
Product description	Color temperature	Lux Value	Light distance at 1lx	Light color LED
LEDsBIKE COMPACT 100 SET	5400 K	100	95 m	Cold white



	Additional product data			
Product description	Charging Type	Charging time	Setting	Usage time
LEDsBIKE COMPACT 100 SET	USB-C	Front: 3 hr Rear: 2 hr	Front: High (100%), Low (50%), Eco (25%), Automatic Rear: Steady, Automatic	Front: 12 h (Eco), 6 h (Low), 4 h (High) Rear: 13 h

	Certificates & standards			Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
Product description	Type of Battery	Type of protection	Standards	Primary article identifier
LEDsBIKE COMPACT 100 SET	Lithium Ion	IP54	StVZO	4062172426022

Product description	Declaration no. in SCIP database
LEDsBIKE COMPACT 100 SET	In work

Product family datasheet

Download Data

File	
	User instruction G15142899 UI LEDsBIKE SET COMPACT 100 LEDBL105
	User instruction GPRS_Safety symbols instructions

Safety advice

For detailed application information, please refer to the product data sheet and the user instruction

Legal advice

1) For precise conditions 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.