

LEDsBIKE COMPACT 50 SET



Up to 50 Lux

The powerful LED technology provides powerful illumination of up to 75 meters



Battery life up to 14 hours (front and rear light)

Ideal for long bike rides or commutes without having to worry about recharging



Individual lightadjustment

Lighting modes: High (100 %), Low (50 %) and Eco (25 %)



Compact power for every ride

The LEDsBIKE COMPACT 50 SET lights up your ride with powerful illumination—offering up to 50 lux brightness and a light beam of up to 75 meters for enhanced visibility and safety on the road.

Adaptable lighting for every situation:

The front light offers three brightness levels: High (100 %), Low (50 %) and Eco (25 %) – so you can choose the right setting for your ride.

Long-lasting power, easy charging:

With a battery life of up to 14 hours, 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 compact, 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 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	Photometric Data
Product description	Application (Category and Product specific)	Order reference [calc.]	Nominal voltage [calc.]	Color temperature [PIM]
LEDsBIKE COMPACT 50 SET	LED Bike Lights	LEDBL104 SET	3.7 V	5400 K

				Lifetime Data
Product description	Lux Value [PIM]	Light distance at 1lx [PIM]	Light color LED	Guarantee
LEDsBIKE COMPACT 50 SET	50	75 m	Cold white	2 years

	Additional product data			
Product description	Type of Battery	Setting	Usage time	Charging Type
LEDsBIKE COMPACT 50 SET	Lithium Ion	Front: High (100%), Low (50%), Eco (25%)Rear: Steady	Front: 14 h (Eco), 9 h (Low), 4 h (High)Rear: 14 h	USB-C

		Certificates & standards		Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
Product description	Charging time	Type of protection [calc.]	Standards [PIM]	Primary Article Identifier
LEDsBIKE COMPACT 50 SET	Front: 3 hr Rear: 2 hr	IP54	StVZO	4062172426008

Product description	Declaration No. in SCIP database
LEDsBIKE COMPACT 50 SET	In work

Download Data

File	
	User instruction G15142898 UI LEDsBIKE SET COMPACT 50 LEDBL104
	User instruction GPRS_Safety symbols instructions

CBP_0S.00 Safety advice, all [calc.]

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

CBP_0L.00 Legal advice, all [calc.]

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.