

osram.com/ledsbike



Bicycle lighting, care, and equipment

Your confidence to ride, day and night

Be road ready

OSRAM

Light up your life with the leaders in light¹

Brilliant brightness and premium-quality equipment

OSRAM's commitment to supporting road safety extends beyond motorists, and beyond light. Our road-ready bicycle portfolio combines automotive-quality LED lighting with a range of premium care and equipment products – giving cyclists superior vision and visibility after dark and the confidence to handle any situation. Whether it's mountain biking in low light conditions, navigating rush-hour traffic, or fixing a flat tyre on your way from work.



Be ready for any journey with our bicycle lighting & equipment

1

LEDsBIKE® lighting and accessories

Our bicycle light range features various sets of high-quality LED front lights, each paired with a rear light, along with matching mounts.



2



Care and equipment

The bicycle care and equipment portfolio ranges from a compact, rechargeable tyre inflator for quick pressure checks to a flexible LED head torch for low-light visibility and a solar-powered charger to maintain power.



OSRAM-quality guaranteed

All OSRAM products are extensively stress tested by our quality assurance system. For information concerning guarantees, visit osram.com/am-guarantee or scan the QR code.

¹ In automotive lighting.



Enhanced safety:

Be seen and see clearly – LEDsBIKE® lights for enhanced safety in every riding condition.



LEDsBIKE® EXPLORER X 500 SET

Robust 500 lumen bicycle light¹ set for demanding trails with long-lasting performance.



Key features and benefits

- Illuminance up to 500 lumen
- Lighting modes front light: High (100%), Low (50%), Eco (25%), Flash
- Lighting mode rear light: Steady, Flash
- Battery and charging indicator
- Robust design for demanding trails
- Battery life up to 14 hours (front light), 16 hours (rear light)
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Aluminum housing, black colored transparent acrylic lens
- 2-year guarantee²

LEDsBIKE® EXPLORER X 1000 SET

High-performance 1000 lumen bicycle light¹ set with intelligent brake light and weather-resistant design.



Key features and benefits

- Illuminance up to 1000 lumen
- Lighting modes front light: High (100%), Low (50%), Eco (25%), Automatic, Flash
- Lighting mode rear light: Automatic, Steady, Flash with brake light function
- Battery, charging and function indicator
- Robust design for demanding trails
- Battery life up to 10 hours (front light), 17 hours (rear light)
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Aluminum housing, black colored transparent acrylic lens
- 2-year guarantee²

LEDsBIKE® MULTI BEAM X 1000 SET

Slim and powerful 1000 lumen bicycle light¹ set with high beam and intelligent brake light.



Key features and benefits

- Illuminance up to 1000 lumen
- Lighting modes front light: High (100%), Low (50%), Eco (25%), Automatic, Flash, High Beam
- Lighting mode rear light: Automatic, Steady, Flash with brake light function
- Battery, charging and function indicator
- Slim and lightweight design
- Battery life up to 18 hours (front light), 17 hours (rear light)
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Aluminum housing, black colored transparent acrylic lens
- 2-year guarantee²

LEDsBIKE® COMPACT 50 SET

Compact 50 lux bicycle light set with long runtime, USB-C charging and StVZO approval.³



Key features and benefits

- Illuminance up to 50 lux
- Up to 75 m long light beam
- Lighting modes front light: High (100%), Low (50%), Eco (25%)
- Lighting mode rear light: Steady
- Battery and charging indicator
- Weather-resistant design: protection class IP54
- Battery life up to 14 hours (front and rear light)
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

1 LEDsBIKE® lights and accessories

Superior vision and visibility for every ride

Whether you're a casual commuter or an avid enthusiast, high quality light is an important safety measure. LEDsBIKE® lights are equipped with a long-lasting rechargeable battery, providing reliable illumination that helps you see clearly and be seen – wherever your ride takes you. Their superior vision and visibility give you the confidence and freedom to keep going long after the sun goes down.



Rechargeable via USB-C:

Allows convenient charging, ensuring you're always prepared.



Weather-resistant design:

To withstand varying outdoor conditions.



Guarantee:¹

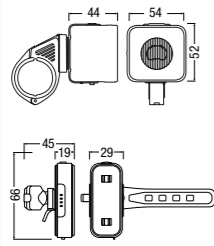
OSRAM quality for more customer satisfaction.

¹ For precise conditions please refer to osram.com/am-guarantee.

² This product is not approved for use within the scope of the German road traffic act (StVZO). ³ For precise conditions please refer to osram.com/am-guarantee. ³ Fully approved according to German StVZO with K-Mark for on-road use, CE certified.

**LEDsBIKE®
COMPACT 100 SET**

Compact and powerful 100 lux bicycle light set with long runtime, USB-C charging and StVZO approval.¹



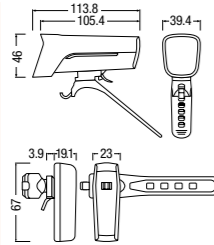
LEDBL105 SET

Key features and benefits

- Illuminance up to 100 lux
- Up to 95 m long light beam
- Lighting modes front light: High (100%), Low (50%), Eco (25%) Automatic
- Lighting modes rear light: Automatic, Steady with brake light function
- Battery, charging and function indicator
- Weather-resistant design: protection class IP54
- Battery life up to 12 hours (front light), 13 hours (rear light)
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
RACE 50 SET**

A 50 lux bicycle light set with long runtime, USB-C charging and StVZO approval.¹



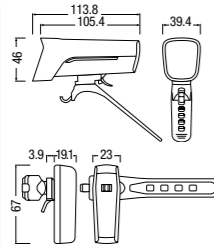
LEDBL101 SET

Key features and benefits

- Illuminance up to 50 lux
- Up to 60 m long light beam
- Manual brightness settings: High (100%), Low (50%), Eco (25%)
- USB-C charging, battery and charge status indicator (cable included)
- Weather-resistant design: protection class IP44
- Battery life up to 14 hours (front light), 13 hours (rear light)
- Includes a rechargeable, strap-mounted LED rear light
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
RACE 80 SET**

A 80 lux bicycle light set with long runtime, automatic mode, USB-C charging and StVZO approval.¹



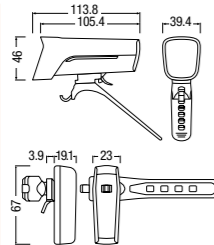
LEDBL102 SET

Key features and benefits

- Illuminance up to 80 lux
- Up to 80 m long light beam
- Automatic and manual brightness settings with setting indicator: High (100%), Low (50%), Eco (25%)
- USB-C charging, battery and charge status indicator (cable included)
- Weather-resistant design: protection class IP44
- Battery life up to 13 hours (front and rear light)
- Includes a rechargeable, strap-mounted LED rear light
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
RACE 100 SET**

Powerful 100 lux bicycle light set with long runtime, intelligent brake light, USB-C charging and StVZO approval.¹



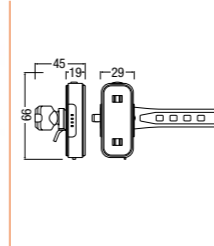
LEDBL103 SET

Key features and benefits

- Illuminance up to 100 lux
- Up to 100 m long light beam
- Automatic and manual brightness settings with setting indicator: High (100%), Low (50%), Eco (25%)
- USB-C charging, battery and charge status indicator (cable included)
- Weather-resistant design: protection class IP44
- Battery life up to 13 hours (front and rear light)
- Includes a rechargeable, strap-mounted LED rear light
- Aluminum heat sink, black ABS housing and transparent acrylic lens
- Rear light incl. brake light
- 2-year guarantee²

**LEDsBIKE®
X REAR**

An intelligent rear light¹ with brake light function and three different modes.



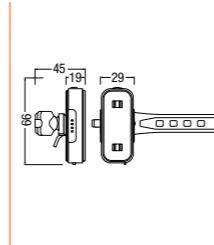
LEDBRL106

Key features and benefits

- Intelligent brake light with acceleration sensor that automatically activates when braking
- Lighting modes: Automatic, Steady, Flash
- Low battery indicator
- Small, compact and lightweight design
- Rubber strap for fast and easy mounting
- Battery life up to 17 hours
- Rechargeable lithium-ion battery, up to 2 hours charging time (USB-C cable included)
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
COMPACT REAR**

An intelligent rear light³ with brake light function and three different modes.



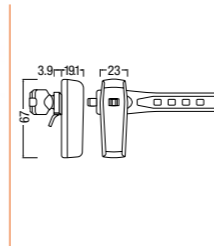
LEDBRL104

Key features and benefits

- Intelligent brake light with acceleration sensor that automatically activates when braking
- Lighting modes: Automatic, Steady
- Low battery indicator
- Small, compact and lightweight design
- Rubber strap for fast and easy mounting
- Battery life up to 13 hours
- Rechargeable lithium-ion battery, up to 2 hours charging time (USB-C cable included)
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
RACE REAR**

An intelligent rear light³ with brake light function and three different modes.



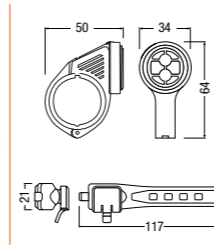
LEDBRL102

Key features and benefits

- Intelligent brake light with acceleration sensor that automatically activates when braking
- Lighting modes: Automatic, Steady
- Low battery indicator
- Small, compact and lightweight design
- Rubber strap for fast and easy mounting
- Battery life up to 13 hours
- Rechargeable lithium-ion battery, up to 3 hours charging time (USB-C cable included)
- Black ABS housing and transparent acrylic lens
- 2-year guarantee²

**LEDsBIKE®
ACC101**

Garmin compatible mounting bracket for front bicycle light and flexible rubber strap mounting bracket for rear light.



LEDBL ACC101

Key features and benefits

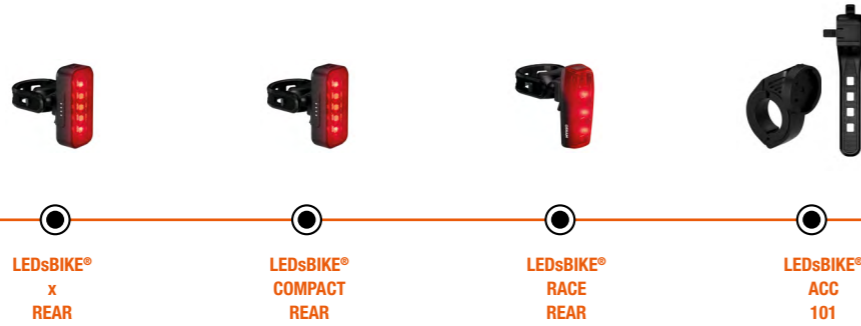
- Mounting Kit: Garmin compatible mounting bracket (front light), flexible rubber strap (rear light)
- Flexible handlebar mounting – compatible with multiple handlebar diameters (Ø 22.2 / 25.4 mm / 31.8 / 35 mm)
- Quick-release design for fast mounting and removal
- Reliable hold prevents vibrations and slipping even on rough terrain
- Durable and lightweight – designed for long-term use without adding weight to the bike
- 2-year guarantee²

¹ Fully approved according to German StVZO with K-Mark for on-road use, CE certified. ² For precise conditions please refer to osram.com/am-guarantee.

¹ This product is not approved for use within the scope of the German road traffic act (StVZO). ² For precise conditions please refer to osram.com/am-guarantee. ³ Fully approved according to German StVZO with K-Mark for on-road use, CE certified.



Name	LEDsBIKE® EXPLORER X 500 SET	LEDsBIKE® EXPLORER X 1000 SET	LEDsBIKE® MULTI BEAM X 1000 SET	LEDsBIKE® COMPACT 50 SET	LEDsBIKE® COMPACT 100 SET	LEDsBIKE® RACE 50 SET	LEDsBIKE® RACE 80 SET	LEDsBIKE® RACE 100 SET
Product number	LEDBL201 SET	LEDBL202 SET	LEDBL203 SET	LEDBL104 SET	LEDBL105 SET	LEDBL101 SET	LEDBL102 SET	LEDBL103 SET
EAN	4062172426046	4062172426121	4062172426060	4062172426008	4062172426022	4062172403832	4062172403856	4062172403870
Voltage (V)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Lux (lx)	-	-	-	50	100	50	80	100
(m)@1lux	-	-	-	75	95	60	80	100
Max Lumen output (lm)	500	1000	1000	-	-	-	-	-
IP rating	54	54	54	54	54	44	44	44
Kelvin (K)	5800	6200	6200	5400	5400	6300	5400	5400
Operating time on max level (h)	Up to 3 (front), 16 (rear)	Up to 2 (front), 17 (rear)	Up to 2 (front), 17 (rear)	Up to 4 (front), 14 (rear)	Up to 4 (front), 13 (rear)	Up to 4 (front), 13 (rear)	Up to 3.5 (front), 13 (rear)	Up to 4 (front), 13 (rear)
Max operating time (h)	Up to 14 (front), 16 (rear)	Up to 10 (front), 17 (rear)	Up to 18 (front), 17 (rear)	Up to 14 (front), 14 (rear)	Up to 12 (front), 13 (rear)	Up to 14 (front), 13 (rear)	Up to 13 (front), 13 (rear)	Up to 13 (front), 13 (rear)
Charging time (h)	Up to 3 (front), 2 (rear)	Up to 3 (front), 2 (rear)	Up to 3 (front), 2 (rear)	Up to 3 (front), 2 (rear)	Up to 3 (front), 2 (rear)	Up to 2.5 (front), 3 (rear)	Up to 2.5 (front), 3 (rear)	Up to 3 (front), 3 (rear)
Power supply	USB-C	USB-C	USB-C	USB-C	USB-C	USB-C	USB-C	USB-C
Rechargeable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Charging equipment included	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery type	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
StVZO	No	No	No	Yes	Yes	Yes	Yes	Yes
Product weight net (g)	194 (front), 44 (rear)	219 (front), 44 (rear)	199 (front), 44 (rear)	96 (front), 44 (rear)	129 (front), 44 (rear)	120 (front), 34 (rear)	120 (front), 34 (rear)	126 (front), 34 (rear)



Name	LEDSBIKE® x REAR	LEDSBIKE® COMPACT REAR	LEDSBIKE® RACE REAR	LEDSBIKE® ACC 101
Product number	LEDBRL106	LEDBRL104	LEDBRL102	LEDBL ACC101
EAN	4062172425926	4062172425902	4062172425940	4062172425964
Voltage (V)	3.7	3.7	3.7	-
Lux (lx)	-	-	-	-
(m)@1lux	-	-	-	-
Max Lumen output (lm)	-	-	-	-
IP rating	54	54	54	-
Kelvin (K)	1000	1000	1200	-
Operating time on max level (h)	Up to 17	Up to 13	Up to 13	-
Max operating time (h)	Up to 17	Up to 13	Up to 13	-
Charging time (h)	Up to 2	Up to 2	Up to 3	-
Power supply	USB-C	USB-C	USB-C	-
Rechargeable	Yes	Yes	Yes	-
Charging equipment included	Yes	Yes	Yes	-
Battery type	Lithium	Lithium	Lithium	-
StVZO	No	Yes	Yes	-
Product weight net (g)	44	44	34	24 (front), 13 (rear)



2-year OSRAM guarantee:¹
OSRAM products are innovative and technologically high-quality products that are carefully-tested and subject to the strict monitoring undertaken by the OSRAM quality assurance system.

2 Road-ready care and equipment

Be prepared with essential bike accessories

Whether you're on the road, trail, or track, keeping your equipment in top condition is essential for a safe and smooth ride. OSRAM offers a selection of practical tools designed to support your maintenance needs – wherever you are. From a compact and rechargeable tyre inflator for quick pressure checks, to a flexible LED head torch for visibility in low light, and a solar-powered battery charger to help maintain your power supply, OSRAM provides smart solutions for everyday mobility and care.



Flexible head band:
The LEDinspect® FLEXIBLE HEAD TORCH offers a soft padding and additional adjustable strap for optimal wearing comfort.



Works in overcast conditions:
The BATTERYcharge SOLAR 20 W doesn't require direct sunlight to provide power.

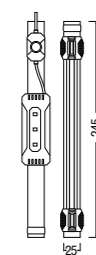


Digital & Auto-Stop:
The TYREinflate 2000 features a digital backlit display and an Auto-Stop function when the pre-set pressure is reached.

¹ For precise conditions please refer to osram.com/am-guarantee.

**LEDinspect®
FLEXIBLE HEAD TORCH**

A head lamp with two light levels, flashing red rear LED warning light for safety, and flexible, foldable design for easy storage and transport.



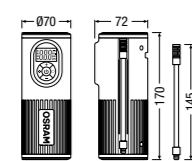
LEDIL414

Key features and benefits

- Brightness: up to 115 lm (high), 50 lm (low) and flashing
- Cool White color (up to 6000 K)
- Flexible and foldable
- Rear red warning light
- Protection classes: IP42, IK07
- USB Micro B charging
- Battery life: up to 5.5 h on low, 4.5 h on high
- Dust, water, and shock resistant
- 2-year guarantee¹

**TYREinflate
2000**

This rechargeable tyre inflator is purposely designed to meet all your cycling needs. The TYREinflate 2000 has an integrated LED flashlight and power bank functionality, so you can charge your cell phone in emergency situations.



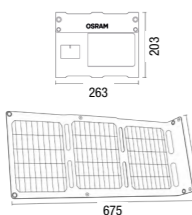
OTIR2000

Key features and benefits

- Digital display with memory setting showing pressure readings in bar, kPa and psi
- Inflates a tyre from flat in 2 minutes²
- Auto-Stop function
- Flexible 14.5 cm air hose
- Rechargeable via USB power cable
- Improved reading or pressure settings with illumination in dark environments
- Complete with two-piece adapter set, bike mount and storage bag
- Stops inflating when target pressure reached
- Tangle-free design
- 2-year guarantee¹

**BATTERYcharge
SOLAR 20W INCL USB**

Foldable and lightweight 20 W solar panel for charging small electronic devices, ideal for bike tours and outdoor adventures.



OFSP20

Key features and benefits

- Mono crystalline solar panels in a robust outer case
- Folding solar panel with up to 20 W solar power for charging small electronic devices
- Superior efficient power performance to amorphous cell models
- Comes with 12 V / 20 A charge control regulator with USB output port
- Ideal for off grid power for caravans, RV, campervans and outside use
- Easy set up. Fully unfold and point at the sun
- IP65 Water resistant
- Charge controller prevents battery from being overcharged
- 2-year guarantee¹



Name

LEDinspect®
FLEXIBLE
HEAD TORCH

TYREinflate
2000

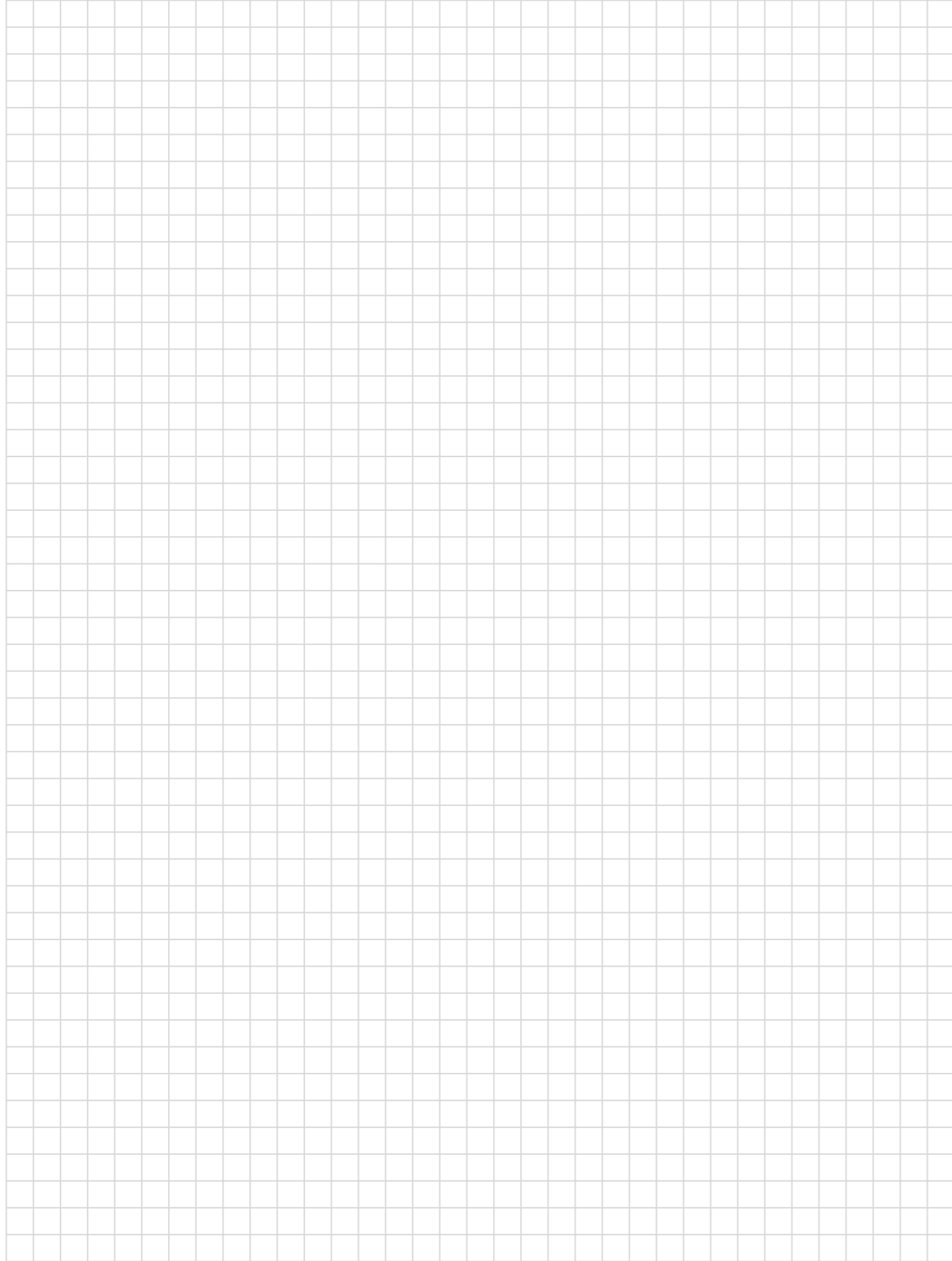
BATTERYcharge
SOLAR
20W INCL USB

	LEDIL414	OTIR2000	OFSP20
Product number	LEDIL414	OTIR2000	OFSP20
EAN	4052899630994	4062172198769	4062172416498
No. of LED	1	N/A	N/A
Max lumen output (lm)	115	N/A	N/A
Min lumen output (lm)	50	N/A	N/A
Torch lumen output (lm)	Yes	N/A	N/A
Operating time on max level (h)	Up to 4.5	N/A	N/A
Max operating time (h)	Up to 5.5	N/A	N/A
Power supply	USB-C	3.7 V Li-Ion Battery	N/A
Display type	N/A	Large Digital	N/A
Inflation time	N/A	2 mins ¹	N/A
Auto-Stop function	N/A	Yes	N/A
Light	N/A	Yes	N/A
Adapters	N/A	Yes	N/A
Case	N/A	Yes	N/A
Wattage (W)	N/A	N/A	20
Voltage (@Pmax) (V)	N/A	N/A	5
Ampage (@Pmax) (A)	N/A	N/A	2.4
Polarity Protection	N/A	N/A	Yes

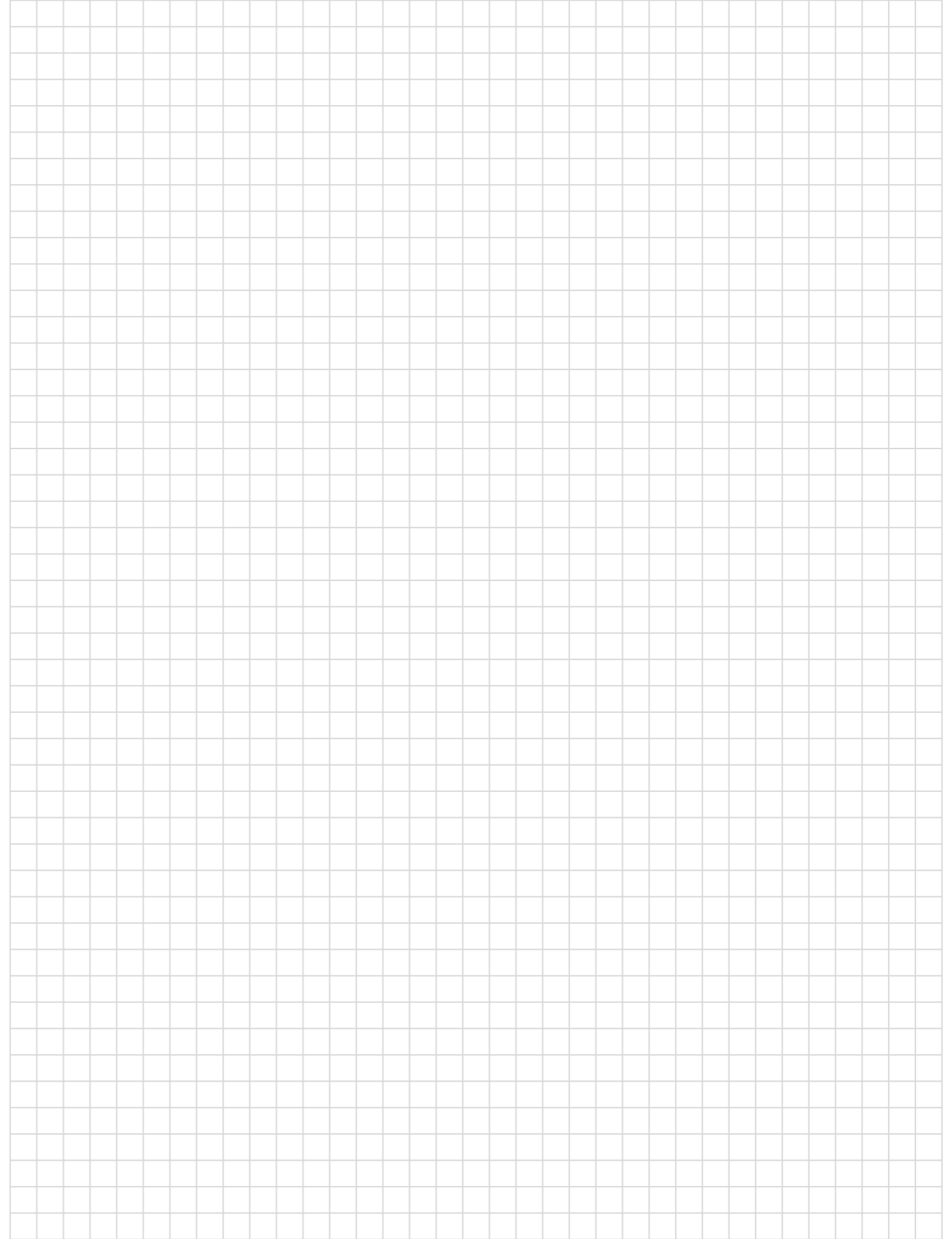
¹ For precise conditions please refer to osram.com/am-guarantee. ² Inflation time based on a bike tyre from 0 to 5.5 bar.

¹ Inflation time based on a bike tyre from 0 to 5.5 bar.

My Notes



My Notes



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Use our online lamp finder tool to find out.

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