

NITECORE®

BR35 1800 LUMENS

**RECHARGEABLE BIKE LIGHT
WITH DUAL DISTANCE BEAM**

- OLED display
- Micro-USB rechargeable
- Built-in 6800mAh Li-ion battery



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RECHARGEABLE BIKE LIGHT
WITH DUAL DISTANCE BEAM

Powerful Output for All Terrain Riding

Utilizes 2 CREE XML2 U2 LEDs to emit a blinding output up to 1800 lumens, beam intensity up to 7750cd and beam distance up to 176 meters.

1800 lumens



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Long Range

Short Range

Innovative Dual Distance Beam

Similar to automobile headlights, the innovative dual distance beam of the BR35 allows for both near and far illumination.

From high angle view



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Long-Range Beam:

Crystal Coating Technology combined with "Precision Digital Optics Technology" for far-reaching illumination of 1000 lumens at the highest.

176 m

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Short-Range Beam:

- An integrated diffuse reflection board scatters beams of 800 lumens evenly to the ground, and forming a reflection area of **5 meters** in diameter, which effectively illuminates blind spot under foot. (Patent No.: ZL201220314015.1)
- Reflected by the diffuse board, the short-range beam angled down towards the road, thus avoiding dazzling other road users.

Diffuse reflection

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Eliminates Lighting Dead Zones to Ensure Safety

BR35 can light up both close-in and long-range areas



← Perfect coverage →

Traditional dual beam system fails to cover the front wheel area



← Lighting dead zone →

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TRAIL Mode for Off-Road Riding

Short-Range Beam + Long-Range Beam

Broad visibility without lighting dead zone, easily cope with the complex environment during off-road riding.

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User-Friendly Switches for Easy Operation

A mode switch and two buttons for quick alternation of all functions

4 Brightness Levels



Turbo High Mid Low

3 Modes



CITY MODE ROAD MODE TRAIL MODE

1 Special Mode



Caution Light

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Included Remote Switch

It extends the mode switch function to the handlebar, thus allowing for remote controlling of the BR35.



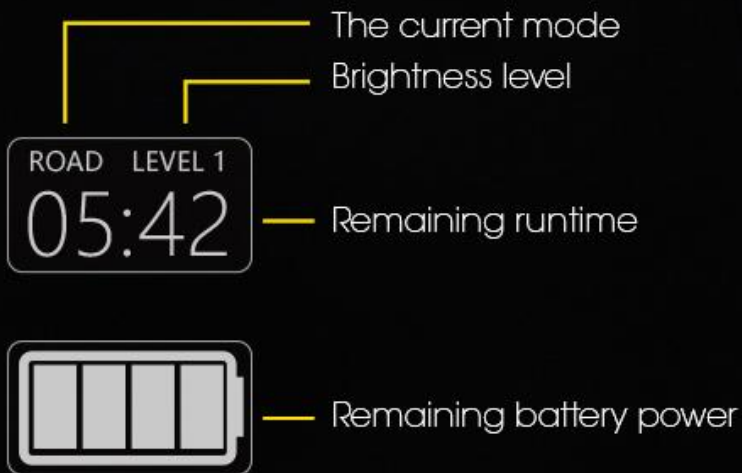
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OLED Screen Displays Real-Time Data

Onboard high definition OLED screen displays the current mode, brightness level, remaining runtime and battery power.



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Micro-USB charging

- Built-in intelligent Micro-USB charging circuit
- Integrated overcharge and over-discharge protection
- Automatic termination upon charging completion

NOTE: Under normal charging status, the power indicator will blink to notify.

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A built-in **6800mAh**
Li-ion battery with runtime up to 17 hours

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Die-Cast Unibody Construction

By injecting molten aluminum under high pressure into mold cavity, the die casting process gives the BR35 supreme structural integrity, making it more compact and rigid.



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Excellent Heat Dissipation

Full metal housing combining with the cooling fins to improve its heat dissipation effectively.

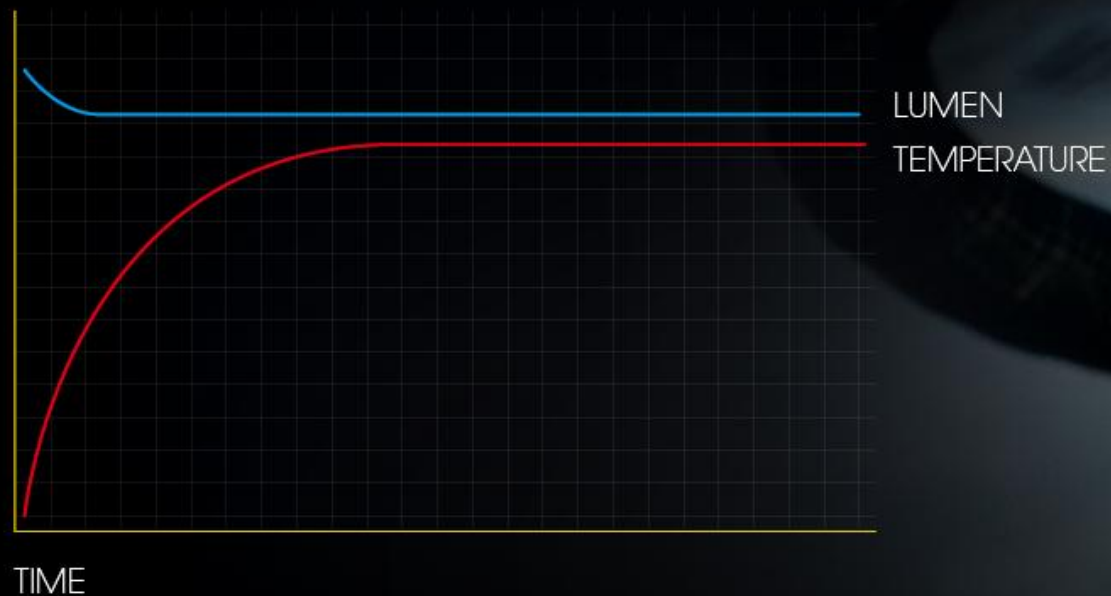
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Advanced Temperature Regulation (ATR)

With Advanced Temperature Regulation module, the BR35 regulates its output and adapts to the ambient environment, maintaining optimal performance.



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Quick-Release Mounting Design

Mounting accessory kit included for quick mounting and removal without any tools.

Mounting



Removal



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Constant Circuit

High efficient constant circuit (non-PWM) provides constant illumination and prevents flickering while alleviating visual fatigue.

Constant
current circuit
(non-PWM)

(constant and no flicker)

PWM

(flicker)

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Waterproof and Impact Resistant

- In accordance with IPX7 waterproof
- 1.5m impact resistance



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BR35 SPEC.

		Turbo	High	Mid	Low
Short Range Beam		800 lumens	465 lumens	285 lumens	150 lumens
		2 h	5 h 45 min	8 h 30 min	17 h
		92 _m	74 _m	58 _m	40 _m
		2100 cd	1365 cd	830 cd	400 cd
Long Range Beam		1000 lumens	550 lumens	330 lumens	180 lumens
		*2 h	5 h 45 min	8 h 30 min	17 h
		161 _m	130 _m	95 _m	68 _m
		6500 cd	4200 cd	2250 cd	1150 cd
Dual Range Beam		1800 lumens	1015 lumens	615 lumens	300 lumens
		*1 h	2 h 30 min	4 h	8 h
		176 _m	143 _m	110 _m	76 _m
		7750 cd	5100 cd	3050 cd	1450 cd
	1.5m(Impact Resistance)				
	IPX7(Waterproof)				

NOTE: The above data has been measured with using a built-in LI-Ion battery(3.7V 6800mAh) under laboratory conditions. The data may vary in real-world use due to different battery use or environmental conditions.

* Runtime for Turbo Mode is calculated based on theoretical arithmetic.

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Features

- Rechargeable bike light with dual distance beam
- Utilizes 2 CREE XM-L2 U2 LEDs to emit a maximum output of 1800 lumens
- Uses a diffuser reflection board to illuminate the blind spot under foot with short-range beam (Patented No.: ZL201220314015.1)
- Onboard OLED display
- Built-in 6800mAh Li-ion battery
- Intelligent Li-ion battery charging circuit (via Micro-USB charging port)
- 3 modes available for different scenarios
- Remote switch provides convenient operation
- 4 brightness levels and 1 special function available
- A maximum beam intensity up to 7750cd and a maximum beam distance up to 176 meters
- High efficient constant circuit with runtime up to 17 hours
- Flood lighting system provides 100° lighting angle
- Optic lens with anti-reflective coating
- Advance Temperature Regulation module
- Crystal Coating Technology combined with *Precision Digital Optics Technology* for extreme reflector performance
- Die cast unibody full metal housing
- In accordance with IPX7 waterproof
- 1.5m impact resistance

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