



Figure 1. The Photo of Actual Bike Light Set



Figure 2. The Photo of Actual ATBCL20



Figure 3. The Photo of Actual ATBCL20



Figure 4. The light spot of ATBCL20

FEATURES

Emitting red light from the side.

Beam size adjustable.

High Brightness: 1870 lux at 2 meters. (Most lights are only 112 lux at 2 meters.)

Rechargeable battery saves environment and money.

UL approved battery charger for maximized safety.

Use 1 cell rechargeable battery or 3 standard AAA batteries, the former is the main battery and the latter is used as a backup.

Light + strong aluminum alloy case, maximize reliability and lifetime.

APPLICATIONS

Widely used in bicycles for illuminating path on the road. Also it's a great assistant in camping, hiking, climbing and all other the outdoor activities.

DESCRIPTION

ATBCL20 has a telescopic head, which allows users to adjust focus manually. It is similar to camera lens which can form different spots by changing focal length. For example, in a distance of two meters, the smallest spot is 5.90"×5.90"; the biggest spot is Ø57.87 ".

There are 3 output settings: high, low and strobe. The luminance in High mode is $\geq 240\text{Lm}$; 10 flashes/second in strobe mode. The bike light comes with tail push button that is used to switch to different modes.

It comes with a rechargeable battery that will power the light on high for 7.5 hours and three AAA batteries for

replacement. Please note the difference between them. When using the rechargeable battery, please mount the extra part near the rear part of the flashlight. Otherwise, remove the extra tube housing. That is because the rechargeable battery is a little longer than the AAA batteries.

ATBCL20 features sturdy aluminum alloy construction. The strong aluminum alloy case allows for a slip-free

comfortable grip, ensuring stability and durability. Also it is easy to install and remove the bracket, increasing safety in darkness and bad weather. The LED model is CREE Q5 which has a rated life of 100000 hours. Additionally, the bike light is waterproof. So there is no need to worry about using it in rainy days.

WARNING! AVOID DIRECT EYE EXPOSURE

SPECIFICATIONS

Voltage	3.6V-4.81V	Charging Time	4.5 hours
Bulb Life	100000 hours	Weight	Charger: 0.135kg
Maximum Luminance	≥ 240Lm		Bracket: 0.05kg
Maximum Strobe	10 flashes/second		Bike Light and Rechargeable Battery: 0.13kg

CHARACTERISTICS

Figure 5 and Figure 6 show the relationships of illuminance and time. Two curves are acquired at a distance of 2m, at high mode.

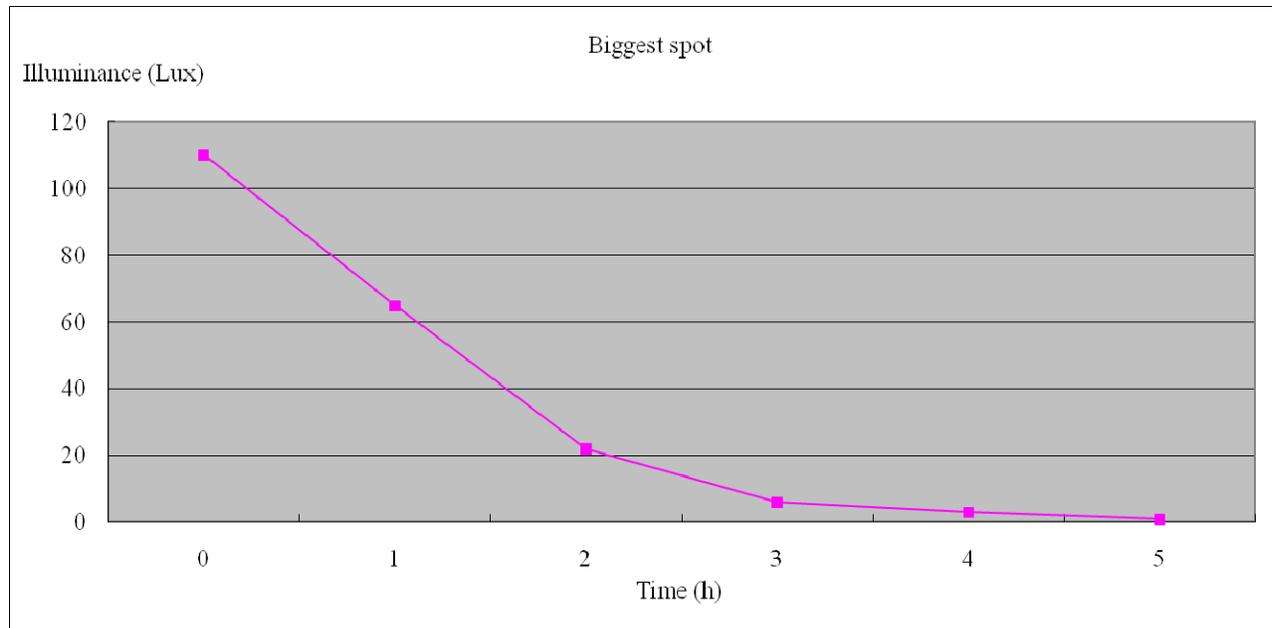


Figure 5. Illuminance vs. Time for Biggest Spot

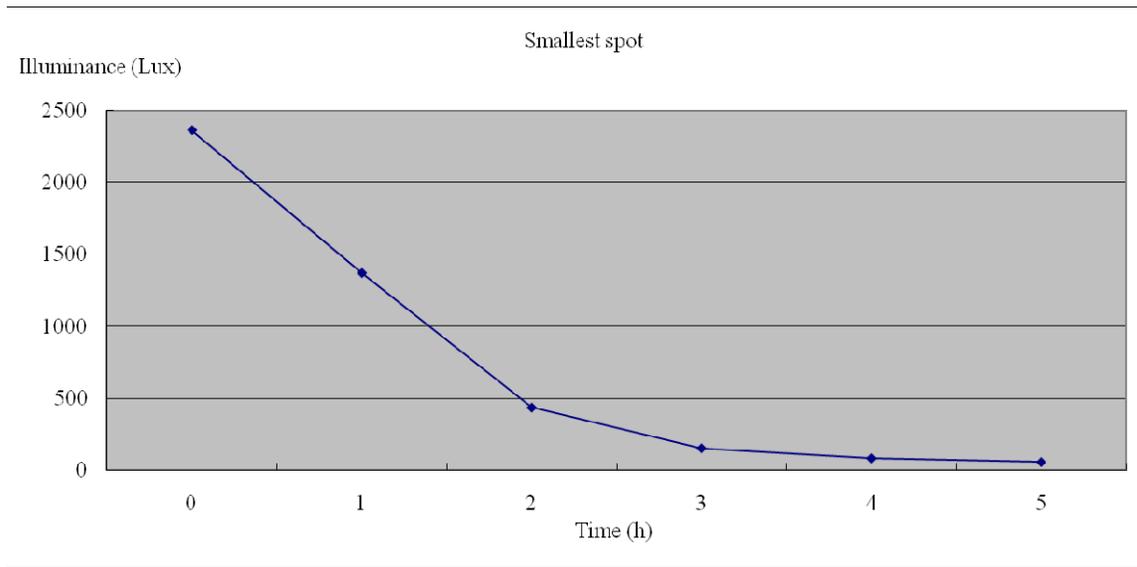


Figure 6. Illuminance vs. Time for Smallest Spot

DIMENSIONS

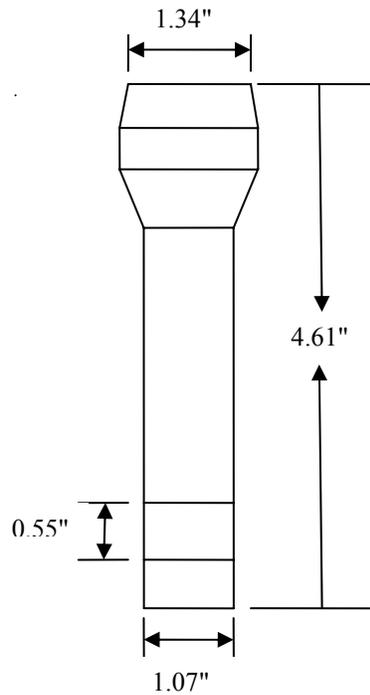


Figure 7. Mechanical Dimensions of ATBCL20

ORDERING INFORMATION

Part#	1 - 9	10 - 49	50 - 199	≥ 200
ATBCL20	\$29.99	\$28.99	\$27.99	\$26.99



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