



## KNOG BLINDER ARC 220 SPECIFICATION SHEET AS AT 05/2015

### KNOG BLINDER ARC 220



Blinder Arc 220 Shown

### OUTLINE

The commuter light that packs a serious punch. The Blinder ARC 220 has the looks and the guts to get you wherever you're going, but still fits in your pocket.

### SPECIFICATIONS

- Dimensions: W32 x D32 x L70mm
- Weight: 100g
- Materials: UV-resistant industrial grade silicone rubber body and strap. Polycarbonate housing. PMMA Lens. Anodised aluminium heat sink. Anodised aluminium fascia and solid stainless steel MIM latch.
- LEDs: 1 x Lumileds Luxeon Z ES
- Battery: Integrated rechargeable Lithium Ion battery.
- Peak brightness: 220 Lumens
- 4 Light modes: 1. High Beam, 2. Medium Beam, 3. Low Beam, 4. Flash
- Run-time (steady): High – 1.4 hrs, Medium – 2.7 hrs, Low – 5.9 hrs
- Run-time (flash): Flashing – 11.7 hours
- Waterproof: 100% Waterproof and Dustproof to IP67
- Beam angles (degrees): Elliptical – 16° (vertical) x 24° (horizontal)
- Suitable for bar size  $\varnothing$ 22–32mm

### FEATURES

**Lens:** A high precision, injection moulded TIR collimating lens provides a balanced ratio of beam width and distance to safely illuminate the path ahead.

**Visible to 1000+ metres**

**Mode status:** High / Medium / Low Beam status LED (Blue, Light-blue, Green)

**Low battery indicator**

**Integrated lithium ion battery** with on board battery protection circuit. Rechargeable via built in USB plug and extension cable (included). This saves using about 600 AAA Alkaline batteries during the light's lifetime.

**Constant current drive technology** maintains consistent brightness throughout specified run-time.

**Integrated USB plug** is waterproof and designed not be damaged by exposure.

**4 hour charge time**

**Button:** Longer button push on (0.75sec) prevents accidental activation of your light. Short presses switch modes continuously. Similarly, the light is switched off with a long button push off (0.5sec).

**Battery storage mode** activates when light is not used for a period of time to optimise battery longevity.

**Thermal management** automatically regulates the light output for optimum performance when the bike is stationary and in motion.

**Replaceable strap** for tool-less attachment.

**Accessories:** USB Extension Cord, Helmet Mount Kit.

**Tested** against dropping, corrosion, UV, electrical shock and static, vibration and impact, temperature and humidity, as well as cycle testing and CE certification.

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