



## KNOG BLINDER ARC 640 SPECIFICATION SHEET AS AT 05/2015

### KNOG BLINDER ARC 640



Blinder Arc 640 Shown



USB Cable

### OUTLINE

For serious road and trail riders, the Blinder ARC 640 is the top of the range Knog light. Beautiful looks, broad elliptical beam, and big power.

### SPECIFICATIONS

- Dimensions: W32 x H32 x L100mm (main light unit, excluding strap)
- Weight: 150g
- Materials: UV-resistant industrial grade silicone rubber body and straps. Polycarbonate housing PMMA Lens. Anodised aluminium heat sink. Anodised aluminium fascia and solid stainless steel MIM latch.
- LEDs: 1 x CREE XP-L
- Battery: Integrated rechargeable Lithium Ion battery
- Peak brightness: 640 Lumens
- 4 Light modes: 1. High Beam, 2. Medium Beam, 3. Low Beam, 4. Flashing Beam
- Run-time (steady): High – 1.8 hrs, Medium – 3.5 hrs, Low – 7.9 hrs
- Run-time (flash): Flashing – 17 hrs
- 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 1500+ metres

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

**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.

**Replaceable straps** for tool-less attachment, 1 x Short (for  $\varnothing$ 22–28mm) 1 x Long (for  $\varnothing$ 29–35mm).

#### 7 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).

#### Low battery indicator

**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.

**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.

**453 CHURCH STREET  
RICHMOND VICTORIA 3121 AUSTRALIA  
T. +61 3 9428 6352 F. +61 3 9428 6897  
HTTP://KNOG.COM.AU**