

FEATURES

- Comparable to most 4 LED systems but with 33% increased runtime
- Utilising CREE XRE-R2 LEDs - worlds brightest
- 850 lumen, warm colour temperture
- Custom optics : 6°spot or 13° flood beam spread
- Ideal size and performance for singletrack and road riders
- Custom driver circuitry - most efficient 95% Max
- Five operating modes including flash and Lumicycle's Smart Boost mode
- Smart Indicator featuring a Fuel Gauge and Power Mode
- Up and down positive non-cyclical switching
- High specification finish in solid anodised aluminium
- Upgradable and Retrofittable
- Compatable with existing Lumicycle equipment
- 4 to 40 hours runtime (Elite 2.6ah battery)

DESCRIPTION

The LED3 is a high powered three LED lamp head designed for on and off-road use. Featuring five calibrated power levels, including Flash and Smart Boost - a compensating additional timed brightness level . A unique driver technology delivering 95% maximum efficiency. The CREE XRE- R2 LEDs producing 114 - 122 lumens @ 350 mA each with a warm colour temperature for better colour rendering. A Smart Indicator provides dual information: Power level and Battery condition. Positive safe switching enabling selective up and down levels - no cyclical levels, no accidental blackout. Improved connectors. New horizontal sweep feature allowing a side to side trail beam adjustment.

APPLICATION

- All Mountain
- Enduro
- Audax
- Commuting
- Training
- Touring
- Alpine

PERFORMANCE

| Mode | Lumen | Watts | Runtime with battery | |
|----------|-------|-------|----------------------|---------|
| | | | Elite 2.6 | Pro 5.2 |
| Boost | 850 | 12.3 | 3.0 | 6.0 |
| High | 600 | 8.2 | 4.5 | 9.0 |
| Low | 300 | 3.2 | 11 | 22 |
| Commute | 150 | 0.9 | 40 | 80 |
| Flashing | 90 | 0.4 | 88 | 166 |

Run times may vary depending on LEDs and battery age



LEDSystem3 Head (featuring 6° optic)

PHYSICAL

| Lamp Head | |
|---------------------|--------------------------------|
| LEDs | 3 x Cree XRE R2 |
| Output | 850 lumens @1000 mA |
| Colour Temperture | 5-7000K |
| Beam Spread | 6° Spot /13° Flood |
| Horizontal Sweep | +/- 45° |
| Switch | Mechanical Toggle Up/Down |
| Power Input | 12.0 - 16.8 V DC |
| Battery Type | NiMH or Li-Ion |
| Connector | 2.5/5.5 DC Jack |
| Polarity | Pin Negative / Sleeve Positive |
| Weight | 129 grams (inc bracket) |
| Height | 90 mm (inc bracket) |
| Length | 70 mm (inc bracket) |
| Diameter | 44 mm |
| Material | Machined Aluminium 8062T6 |
| Finish | Black Anodised Matt |
| Bracket type | Cam lever |
| Bracket small/large | Dia. 22 - 27mm / 27 - 32mm |
| Bracket width | 22mm |