

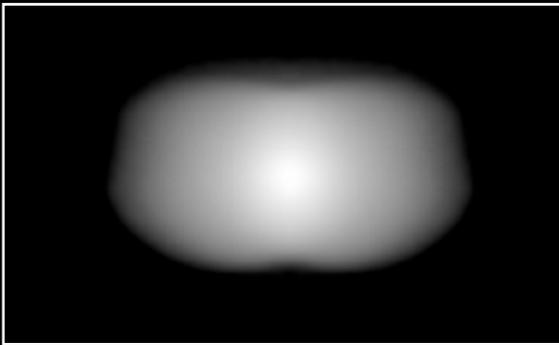
TRIPLE-R

LR-850 BEACON

The LR-850 features a precision spot beam ideal for road use, combining a sleek yet aggressive design that complements modern vehicles. With 5,400 lumens and a 530m 1 lux range, it ensures excellent visibility with a 28° horizontal spread. DOT/SAE Compliant, it incorporates Triple-R's dual-output technology, allowing quick dimming via flash-to-dim or pre-set high/low modes to reduce glare from road signs. The advanced LED technology ensures a crisp, white light for superior night-time visibility, while the robust aluminum housing and hard-coated polycarbonate lens provide exceptional durability against harsh weather and off-road conditions.



BEAM DISTRIBUTION (HORIZONTAL: 28° / VERTICAL: 16°)





The LR-850 Beacon features x2 beacon /warning flash patterns.

Please click [here](#) for more information on flash patterns and syncing multiple lamps.

KEY FEATURES

- High density, premium-bin 11W LED technology
- Integrated white or amber backlight function
- Integrated amber flashing beacon function (DOT/SAE compliant – W-1)
- DOT / SAE J581 Compliant (in Low Output Mode only)
- Ultra-reflective vacuum-metallised optics deliver spot beam pattern
- Contemporary lamp design
- Includes versatile 'Centre Mount' mounting system plus integral features to enable side mounting (brackets sold separately)
- CAE optimised heatsink offers improved thermal dynamics
- Anodised pre-treatment and Automotive grade powder top-coat for ultimate corrosion and chemical protection
- Electronic thermal management
- 'Unbreakable' and hardcoated polycarbonate lens
- IP68 watertight – 1.5m submersion (30mins)
- 5-year warranty
- Supplied with pre-wired male/female 6-pin Superseal connectors
- Designed & manufactured in UK

SPECIFICATIONS (BOOST MODE)

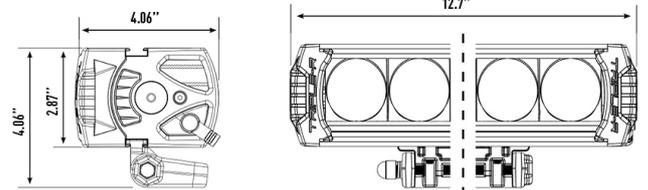
WEIGHT	2.9 LBS
VOLTAGE RANGE	10V-32V
RAW LUMENS	6930 LM
TOTAL DRIVER 'FOV' FLUX	3970 LM
COLOUR TEMPERATURE	5000K
POWER CONSUMPTION	66 WATTS
PEAK CURRENT DRAW	6.6 AMPS
CURRENT DRAW (14.4V)	4.6 AMPS
CONNECTOR	6-PIN SUPERSEAL (+25CM CABLE)

CERTIFICATION

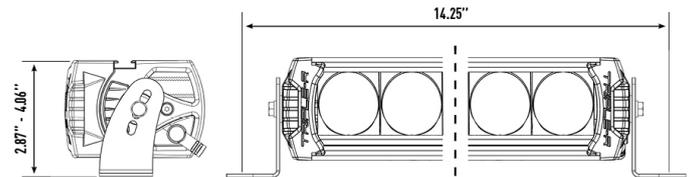
HIGH BEAM (LOW OUTPUT ONLY)	DOT / SAE J581
WARNING LIGHT (W-1)	DOT / SAE
IP RATING	IP68



CENTRE MOUNTING DIMENSIONS



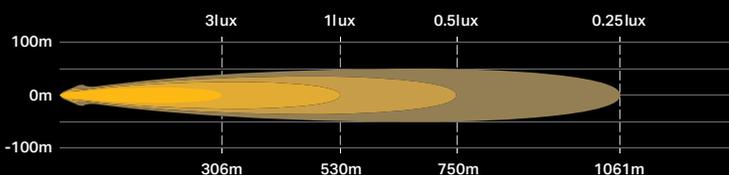
SIDE MOUNTING DIMENSIONS



PHOTOMETRICS

BOOST MODE

Operating at 100% the light represents the very best output and optimized light distribution for off-road use.



SAE LOW OUTPUT MODE

Reduced output to avoid glare from large reflective objects (e.g. road signs), and/or for operation compliant with DOT/SAE standards - dependant on state laws.

