

REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS



RELIABILITY RATES



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TORNADO B47 | Beacon

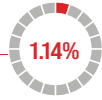
Ultra low-profile design | Rotating flash patterns included | Bolt, magnetic, suction & pole mounting options | Auto dim sensor | ECER65 Class II Blue & Amber | CISPR25 Level 3 | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport) | Dekra speed tested

// FAILURE RATE



TORNADO B110/B150 | Beacon

Traditional design | Rotating flash patterns included | 1 or 3 Bolt, magnetic and flexi DIN mounting options | Auto dim sensor | ECER65 Class I & II Blue & Amber (model dependant) | CISPR25 Level 3 | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



INFINITY BB4 | Directional

Recess mount | Single or Dual Colour | Simple installation via pop-lock grommet | Bespoke shrouds available | Vinyl tint kit available | ECER65 Class I Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



INFINITY US6 | Directional

Ultra slim design | Flush mount | Horizontal mounting applications | Single or Tri Colour | Bespoke shrouds & pods available | Vinyl tint kit available | ECER65 Class II Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



INFINITY NV6 | Directional

Ultra slim design | Flush mount | Vertical mounting applications | Single or Tri Colour | Bespoke shrouds & pods available | Vinyl tint kit available | ECER65 Class II Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



STAR-M1 | Directional

Unique miniature silicone design | Covert & discrete applications | Integrated inhibit feature (for wing mirror applications) | Bespoke shrouds available | ECER65 Class I Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



SPARTAN | Lightbar

12 lengths available | All emergency & safety colours available | High quality toughened & UV stabilised polycarbonate lenses | Single or Tri Colour | Various additional options and mountings available | ECER65 Class I & II Amber & Blue (Model dependant) | IP54/69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



TORNADO MICROBAR | Microbar

Ultra low-profile design | 1 or 2 Bolt, magnetic, & suction mounting options | Auto dim sensor available | ECER65 Class II Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport) | Dekra speed tested.



INFINITY SP2 | Stealth Plate

Unique flexible stealth plate design | Single or Tri Colour | Optional forward/rear facing directionals | Directionals approved in horizontal & vertical positions | ECER65 Class II Blue & Amber | IP69K Dust & Water resistant | Various flash patterns (including CAP168/ICAO airport)



S20IS | Siren & Speaker

Combined siren driver & speaker system | Programmable tones | Worldwide tones available | Latching & momentary triggers | Powerful 110dB at 3.5m (single unit) | KBA Approved | IP69K Dust & Water resistant.



LINX4/LINX6 | Switch Panels

Discrete & sleek design | 4-6 RGB Programmable switches | Backlighting options | Integrated intelligence in keypad enclosure | Latching & momentary switches | Mounting brackets & various decals included.



TESTING FACILITIES



At Redtronic we test all of our products using our in-house test facilities to ensure they meet and exceed industry certification and standards. These chambers and tests simulate real world environments and expose our products to the harshest environments.



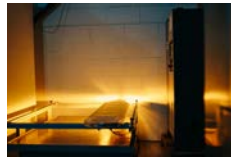
// WATER CHAMBER

Water tests verify the integrity of enclosures, covers and seals. The water chamber enables Redtronic to test to IP69K.



// HUMIDITY CHAMBER

The data generated by humidity testing can be important in planning materials selection, assembly of the product and expected lifetime.



// VIBRATION BENCH

The vibration bench is used to simulate the vibration impact that a vibrating vehicle in service might be subjected to.



// ACOUSTICS CHAMBER

Audible devices, primarily sirens, are tested in our acoustics chamber to ensure that they are providing the correct level of decibel output.



// DURABILITY TEST

Warning lights are regularly durability tested throughout each of the production processes, on average approximately five separate occasions.



// PHOTOMETRIC ROOM

The photometrics room is used to guarantee the lumen output of every product is consistent and inline with ECE R65 (and other) standards.



// ELECTRICAL TRANSIENT

Electrical transient testing comprises of inducing high voltages and currents into the electrical circuit to test the integrity and reliability of components.



// DUST CHAMBER

The dust chamber also allows us to provide customers accurate IP ratings relating to dust/dirt and particle ingress.



ALL PRODUCTS ARE EMC APPROVED AND WHERE POSSIBLE LED PRODUCTS ARE ACCREDITED TO THE ECE R65 STANDARD. REDTRONIC IS QUALITY STANDARD CERTIFIED TO ISO9001:2015.



REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS

CUSTOMER TESTIMONIALS

Redtronic has proven themselves as a serious partner to our organisation through years of high quality product supply, innovation and aftersales service. Most recently we have been challenged to find suitable warning lights for our newest EV's and Redtronic have delivered some amazing products which have gone from concepts to finished products within a very short period. I would whole heartedly recommend Redtronic and we foresee working with them for years to come.

As an organisation we have been working with Redtronic since 2015 and have jointly developed high quality, innovative and customised lighting solutions for our marine racing applications. We work in partnership to assemble high visibility race marks which help guide yachts around the course which are used worldwide in all sorts of environments. Over the years, Redtronic have consistently delivered high quality and customised products to some very unusual specifications.

Excellent service, professional personnel, very pleased with the product

Fantastic company to deal with, products are second to none for quality and price. I have been a customer for last 8 years and will be for years to come...

FOR A COMPLETE LISTING OF ALL PRODUCTS PLEASE VISIT THE REDTRONIC WEBSITE



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ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.
Failure rates taken from Product produced from 01/01/2020 – 31/05/2023