

REDTRONIC
VEHICLE WARNING AND SAFETY SOLUTIONS

YOUR SAFETY OUR PASSION



EMERGENCY SERVICES SOLUTIONS

// POLICE
// FIRE
// AMBULANCE
// COVERT

WWW.REDTRONIC.CO.UK

MANUFACTURED IN THE
UNITED KINGDOM



OUR FACILITIES

// UNIT 9
LIGHTBAR ASSEMBLY, SMD PLACEMENT,
RESIN DISPENSING & ENGINEERING

// UNIT 1-4
LIGHTBAR ASSEMBLY, ACCOUNTS & QA

// UNIT 10
SALES, MARKETING & SERVICE

// UNIT 7
R&D, TEST & STORES

Our facilities are located in the UK where our products are manufactured from start to finish by people who are passionate about quality and our shared vision to help save lives.



REDTRONIC
VEHICLE WARNING AND SAFETY SOLUTIONS

LED BY INNOVATION

We believe that innovation from concept to completion is the key to success, and we have made it our mission to deliver exactly that. Our UK-based facilities are where our products are manufactured, so you can trust that you're getting the best quality possible.

OUR PRODUCTS



Redtronic has various product brands within our product portfolio. We think differently to others, and develop high quality, distinctive products, so we can offer you a range of LED lighting solutions that can be customised to your specific needs.

OUR SERVICE



Our facilities are located in West Yorkshire, UK, where our products are manufactured from start to finish. Our capabilities include the full design and production process and include in-house testing to guarantee quality.

OUR ENGINEERS



We have a team of highly skilled engineers who have years of experience in the industry including dedicated designers, assembly specialists and LED technical experts.

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A RANGE FOR ALL APPLICATIONS

MARKED SOLUTIONS



As a leading supplier of lightbars, directionals, sirens, beacons & combination products to the Emergency Services, we ensure enhanced safety and efficiency on the road.

Our high quality equipment is available for a wide range of police vehicles, including high specification traffic cars, area cars, dog vans, prisoner transport vans, and motorcycles.

Trust Redtronic to provide you with reliable and industry-leading solutions for all your law enforcement needs.



COVERT SOLUTIONS



LOOK OUT FOR THIS SYMBOL FOR PRODUCTS THAT ARE IDEAL FOR COVERT APPLICATIONS

Innovative, robust solutions for emergency and response vehicles.

The latest technology from Redtronic has revolutionised the way we can approach vehicle safety with our range of covert warning lights.

With configurable tint kits & product specific mounting options. These cutting-edge solutions are designed to provide a discreet solution without compromising visibility, quality or functionality.



A RANGE FOR ALL APPLICATIONS

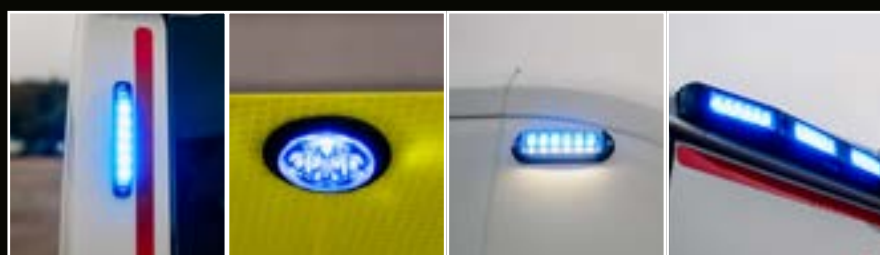
AMBULANCE SOLUTIONS



As a leading supplier of lighting, directionals, sirens, and safety solutions for ambulance and patient transport vehicles, we help you perform when it matters most.

Our high-quality equipment is engineered for exceptional reliability and visibility, ensuring compliance and confidence on every call-out.

Trust Redtronic to provide dependable, high-performance warning and safety solutions built for the demands of the emergency services.



FIRE APPLIANCE SOLUTIONS



Redtronic solutions are trusted by fire and rescue services across the UK to deliver exceptional visibility, scene illumination and reliable communications when it matters most.

Our high-performance warning systems, scene lighting and control solutions are engineered for the toughest environments and built to the highest standards of reliability and compliance.

From initial build to ongoing support, we provide dependable solutions for modern fire & rescue fleets.



LIGHTBAR SOLUTIONS



MULTIPLE COLOUR
OPTIONS

AERODYNAMIC

VARIABLE
LENGTH
OPTIONS

MODULAR
PLUG & PLAY
DESIGN

MULTIPLE
CONFIGURATION
OPTIONS

Our comprehensive range of lightbars delivers powerful warning capabilities tailored for both Emergency Services and Amber Safety applications. We offer extensive customisation options ideal for high-speed pursuit police vehicles and other specialised applications.

Engineered to withstand demanding environments and subjected to rigorous testing protocols, these high-performance lightbars are built for durability and reliability. Each unit is custom-built to client specifications, providing maximum flexibility and truly bespoke design solutions.

vAll our lightbars are designed, configured, and manufactured entirely within our dedicated facilities in West Yorkshire, ensuring complete quality control and British craftsmanship.

LIGHTBARS // EVOLVE



The Evolve lightbar, a cutting-edge modular lighting solution that sets a new standard in the industry. This highly serviceable lightbar allows for effortless maintenance with its independently silicone-sealed lens sections, ensuring unparalleled protection against water and dust ingress.

EVOLVE PRO



- Low-profile, aerodynamic & lightweight lightbar minimising wind noise
- 10 Length Options Available
- Independently sealed modular lens sections to offer a highly serviceable design
- All models dual voltage (10 – 32 VDC)
- Low current electrical circuit designed with EV (Electric vehicles) in mind
- Ultra-strong UV stabilised polycarbonate lens
- Numerous preconfigured specifications & clear or coloured lenses
- User adjustable cable exit location
- Wide angle & intense light output
- AutoDim/Photosensor included as standard
- IP69K Dust & Water Resistance
- UN ECE R65 Class 2 (blue and amber) approved
- UN ECE R10 approved
- 5 Year Warranty

MODULE OPTIONS: LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL TURN, INDICATORS, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE), TRAFFIC DIRECTOR

FEATURES: CRUISE LIGHTS, MULTIPLE FLASH PATTERNS, AUTO DIM MODE

LENGTH OPTIONS: 55CM TO 201CM

LENS COLOURS: AMBER, BLUE, CLEAR, RED

VOLTAGE: 10-32VDC

APPROVALS: R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP69K

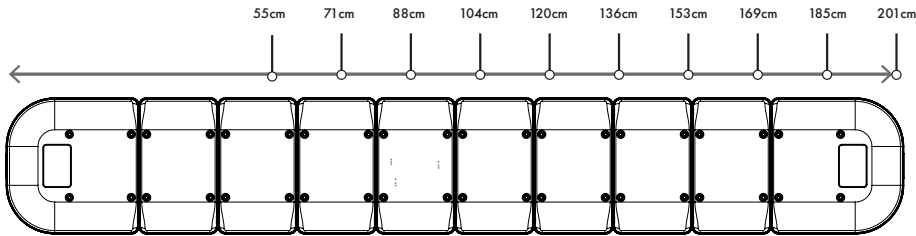
WARRANTY: 5 YEAR WARRANTY



Quick Plug and Play
Waterproof/Sealed Connectors

To keep the cost of the Evolve lightbar competitive, there are standard pre-configured specifications available. Customised specifications (differing from standard models) are subject to MOQ's.

DID YOU KNOW
THAT THE EVOLVE IS
AVAILABLE IN
MULTIPLE LENGTH
OPTIONS?





LIGHTBARS // SPARTAN

SPARTAN



CONFIGURED BY YOU // DELIVERED BY US



The Spartan Lightbar comes with multiple options of length, mount and wiring connections to make installation across any vehicle type possible. To cover all global requirements the Spartan lightbar can be configured with a comprehensive list of features including Stop Tail Turns, Work/Take-down/Alley Lights, Central illumination with signage, built in traffic director and even built in speaker/siren option.

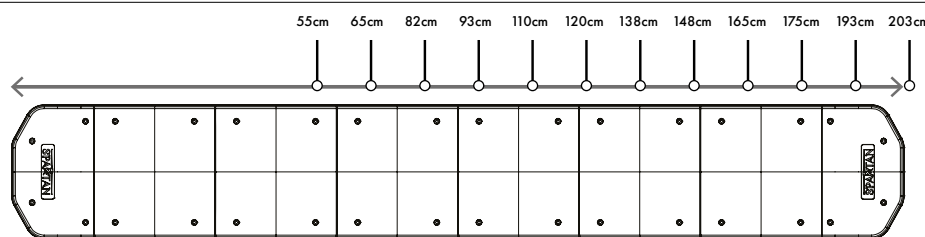


- 12 lengths available
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Tri Colour
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

MODULE OPTIONS:	LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL TURN, INDICATORS, CENTRE ILLUMINATION, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE)
FEATURES:	TRAFFIC DIRECTOR, INTERNAL SPEAKER / SIREN / PA
LENGTH OPTIONS:	55CM TO 203CM
LENS COLOURS:	BLUE, AMBER, CLEAR, OPAL & BLACK
VOLTAGE:	11-32VDC
APPROVALS:	R65 CLASS II (BLUE) CLASS I (AMBER), EMC R10, CAP168/ICAO, IP54 (IP69K RATED INTERNAL LED MODULES)
WARRANTY:	5 YEAR WARRANTY



DID YOU KNOW THAT
THE SPARTAN IS
AVAILABLE IN MULTIPLE
LENGTH OPTIONS?



LIGHTBARS // TRAFFIC DIRECTOR



DSFX



WHEN A BIG PRESENCE IS REQUIRED

- 6 lengths available
- All emergency & safety colours available
- 4mm Ultra-strong UV stabilised polycarbonate lens
- Single, tri and multi colour
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

MODULE OPTIONS:	LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL TURN, INDICATORS, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE)
FEATURES:	360° WHITE LIGHT, CRUISE LIGHTS, TRAFFIC DIRECTOR, INTERNAL SPEAKER / SIREN / PA, FLEXI-FLASH, 9 PROGRAMMABLE INPUTS, NIGHT & DAY (DIM MODE), R65 MONITOR OUTPUT
LENGTH OPTIONS:	55CM TO 193CM
LENS COLOURS:	AMBER, BLUE, CLEAR
VOLTAGE:	11-32VDC
APPROVALS:	R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP69K
WARRANTY:	5 YEAR WARRANTY

TRAFFIC DIRECTOR

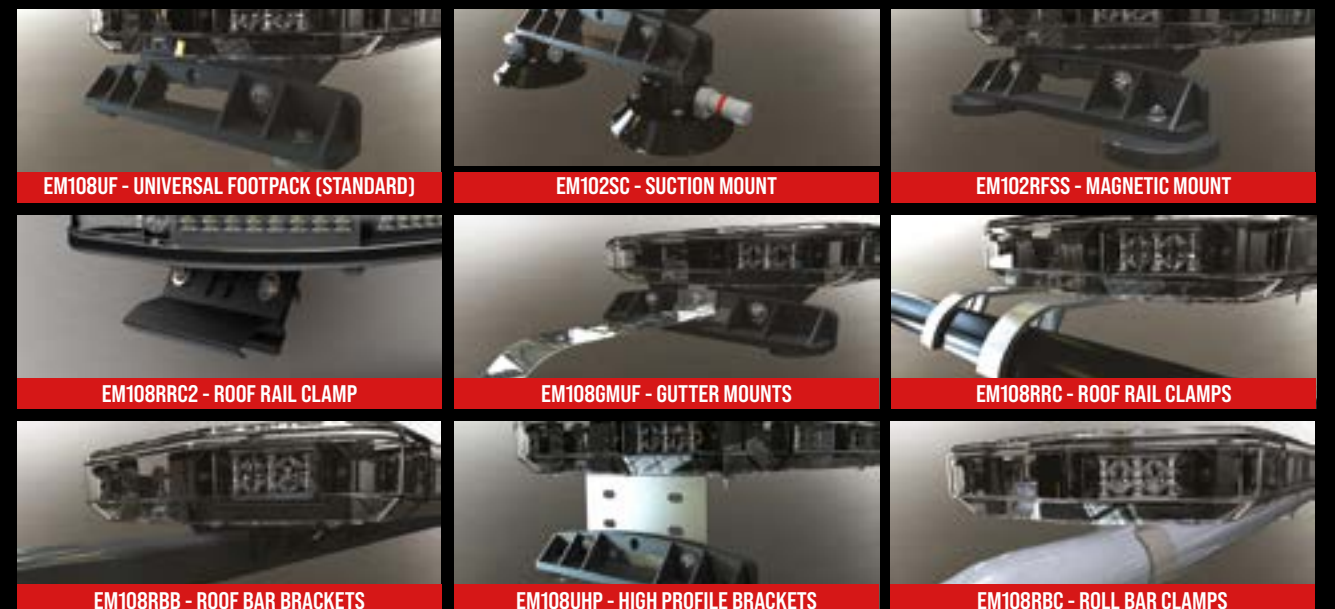


- 6 Lengths available
- All emergency & safety colours available
- Ultra-strong UV stabilised polycarbonate lens
- Single, dual and multi-colour models available
- Slim traffic director profile
- Colourless when not illuminated
- Anodised aluminium enclosure
- Multiple unit synchronisation
- IP69K protection against dust & water ingress
- Night & day (dim mode)
- All controls inbuilt & supplied with multi core cable
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

FEATURES:	INBUILT TRAFFIC DIRECTOR FUNCTIONALITY: ARROW LEFT, ARROW RIGHT AND CENTRE OUT, REAR REDS, STEADY BURN GATSO (BLUE), CRUISE LIGHTS, FLEXI-FLASH
LENGTH OPTIONS:	28.2CM, 55.2CM, 82.3CM, 109.3CM, 136.4CM, 163.4CM X W 6.5CM X 3.6CM
LENS COLOURS:	CLEAR
VOLTAGE:	11-32VDC
APPROVALS:	R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP69K
WARRANTY:	2 YEAR WARRANTY

LIGHTBARS // FOOTPACKS

Compatible with Spartan, Spartan Elite, Evolve and DSFX lightbars.



LIGHTBAR HALFBAR



INFINITY 180



The new Redtronic Infinity 180 Halfbar has been engineered to deliver full 180° visibility performance on each side of the vehicle while dramatically reducing weight, profile height, and aerodynamic drag. Designed specifically for front and rear ambulance applications, the Halfbar eliminates the need for roof-mounted lightbars, helping reduce wind noise, improve fuel efficiency, and simplify installation.

Built with hybrid-acrylic lenses for exceptional chemical and UV resistance, the Halfbar is designed to withstand harsh cleaning agents, weather extremes, and years of demanding frontline service. Manufactured and tested in the UK, it meets and exceeds the latest ECE R65, EMC R10, and IP69K standards for reliability in the toughest conditions.

Engineered for ambulance applications, but built to outperform in any emergency fleet, the new Redtronic Halfbar is lightweight, serviceable, and unstoppable.

Synchronisable with other Redtronic products, the Infinity 180 is proudly manufactured in the UK and backed by a 5-year warranty.

LIGHTBARS // HALFBAR



INFINITY 180

Weighing in at less than 3kg for a standard 1420mm model, the Redtronic Infinity 180 Halfbar is one of the lightest solutions in its class. Its modular plug-and-play LED design allows effortless servicing and upgrades, reducing vehicle downtime and futureproofing fleets for evolving specifications. Each LED module can be individually replaced or upgraded in minutes, without opening the bar or compromising the seal.

INFINITY 180



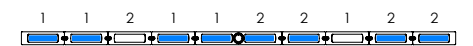
- Ultra-slim, aerodynamic design - reduced drag and wind noise
- Multiple front and rear configurations for emergency vehicles
- Weight: 3kg – significantly lighter than conventional lightbars
- Plug-and-play LED modules for simple maintenance/upgrades
- Hybrid-acrylic lenses – outstanding chemical and UV resistance
- IP69K dust and water ingress protection
- ECE R65 Class II and EMC R10 approved
- Single, dual, and quad-colour LED options
- Optional features such as GATSO and stop-tail indicators
- Multiple unit synchronisation for seamless 360° warning
- Designed and manufactured in the UK
- 5 Year Warranty

FEATURES:	MULTIPLE FLASH PATTERNS, DIM MODE, SINGLE GATSO, STOP TAIL TURN, INDICATORS, REAR REDS, TAKEDOWNS
LENGTH:	1420CM
LENS COLOURS:	AMBER, BLUE, CLEAR, RED
VOLTAGE:	10-32VDC
APPROVALS:	R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP69K
WARRANTY:	5 YEAR WARRANTY

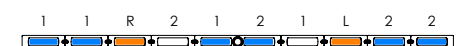


CONFIGURATIONS

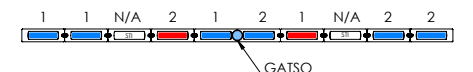
FRONT - Blue / White



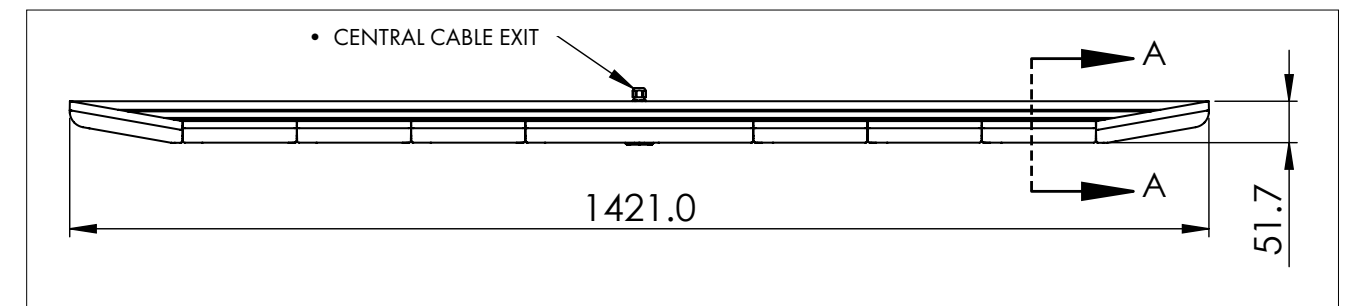
FRONT - Blue / White / Indicator



REAR - Blue / Rear Red / STI / Gatso



SPLIT REAR - Blue / Rear Red / STI / Gatso



DIRECTIONALS

Directional LED solutions are designed to fit all your application needs, from safety/commercial vehicles to emergency services and covert vehicles. Our directional range meets all of the major industry requirements from IP69K for the toughest environments, EMC R10, ECE R65 approvals, with 7 flash patterns including ICAO/CAP168 Airport pattern. The directional range offers Sync capability with other Redtronic products and is manufactured in the UK.

- SURFACE & RECESS MOUNT OPTIONS
- MULTIPLE FLASH PATTERNS
- SIMULTANEOUS, ALTERNATE & X-FLASH OPTIONS
- SINGLE, DUAL, TRI, QUAD & MULTI-COLOUR OPTIONS
- FLASHING & STEADY BURN
- SYNCHRONISATION ACROSS PRODUCT RANGE
- BRACKETS, SHROUDS & RUBBERISED POD MOUNTING OPTIONS
- UNIFORM CABLE COLOURS & FEATURES

SEE THE FULL DIRECTIONAL RANGE ON OUR WEBSITE
WWW.REDTRONIC.CO.UK

DIRECTIONALS // INFINITY RANGE

We've got a solution for all your directional lighting needs. Our directional LED solutions are designed for all applications, from commercial vehicles to emergency services and covert vehicles.



INFINITY BB4

- 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)
- 3 year warranty

Dimensions (mm)	34(Ø) x 22(D)
Voltage	11-32V DC
Amps	630mA at 12VDC
Ideal for	Grilles, Marked, Covert



Mounting Shroud Options



INFINITY US6

- Ultra slim design
- Surface 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)
- 3 year warranty

Dimensions (mm)	118(W) x 13.4(D) x 13.6(W)
Voltage	11-32V DC
Amps	600mA at 12VDC
Ideal for	Grilles, Marked, Covert



Mounting Shroud Options



INFINITY NV6

- Ultra slim design
- Surface 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)
- 3 year warranty

Dimensions (mm)	120(W) x 13.4(D) x 13.4(W)
Voltage	11-32V DC
Amps	600mA at 12VDC
Ideal for	Grilles, Marked, Covert



Mounting Shroud/Pod



VINYL TINT KITS

Vinyl tint kits are available for some of our covert style directionals to help ensure they are not visible when inactive. The vinyl tint kit is supplied separately to the lamp and is applied prior to installation. Redtronic's Power Primer Surface Treatment wipes are used to guarantee a long lasting fixture to the lens. The vinyl also protects the lens from long term weathering or can be replaced for new if being fitted to multiple vehicles during it's lifetime.

LOOK OUT FOR THIS SYMBOL FOR COMPATIBLE PRODUCTS



QUAD COLOUR DIRECTIONAL LED
WITH BUILT-IN DOWNLIGHT



INFINITY STX

- Designed for the toughest environments
- Single, Dual or Quad Colour
- Optional built-in downlight
- Simple installation
- Hybrid material (including acrylic, polycarbonate and silicone)
- Black heatsink body
- Rear airflow vents to eliminate condensation issues
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

Redtronic's Infinity STX is an industry first quad-colour directional LED with in-built downlight. Whilst the STX is available with either single, dual or quad colour high intensity flashing light, one of the main benefits is the optional integrated downlight which for many applications reduces the requirement of requiring a scene or work light on the vehicle.

The STX features a black heatsink body along with airflow vents on the rear to manage heat transfer and eliminate condensation issues. The lamp is designed for the toughest environments.

Dimensions (mm)	131(W) x 20(D) x 46(W)
Voltage	11-32V DC
Amps	900mA at 12VDC
Ideal for	Tough environments



DIRECTIONALS // BULLITT RANGE

The BX Bullitt range are versatile directional LEDs that are perfect for any vehicle and any job. With 4 size profiles, including 2 double stacked LED variants, you can find the perfect fit for your needs.

Designed with premium features and quality in mind, BX Bullitt Directional LEDs offer single colour, tri-colour, and multi-colour options. Supplied with a sleek black bezel as standard. The black finish offers a professional, low-profile appearance suitable for a wide range of applications.



BULLITT - BX Directional LED Key Features



- Black bezel
- Single, tri or multi colour
- Sleek, High Performance Single or Double Stack LED options
- Colourless when not illuminated
- IP69K protection against dust & water ingress
- ECER65 Blue & Amber
- EMC / R10 compliant
- Various flash patterns (including CAP168/ICAO airport)
- Multiple unit synchronisation
- Cruise feature available
- Mounting: 2 screw or L-bracket (optional)
- 2 year warranty



MODEL	BX31	BX32	BX61	BX62
Dimensions (mm)	98(L) x 40(H) x 24(D)	98(L) x 63(H) x 24(D)	163(L) x 40(H) x 24(D)	163(L) x 63(H) x 24(D)
Voltage	11-30VDC	11-30VDC	11-30VDC	11-30VDC
Amps	@12VDC: 500mA	@12VDC: 1 amp	@12VDC: 1 amp	@12VDC: 2 amp
LED Power	single (9w), tri (27w), multi (27w)	single (16w), tri (54w), multi (54w)	single (18w), tri (54w), multi (54w)	single (36w), tri (108w), multi (108w)
	R65 CLASS II, R65 CLASS I	R65 CLASS II, R65 CLASS I	R65 CLASS II, R65 CLASS I	R65 CLASS II, R65 CLASS I

FX DASH MOUNT



- LED directional in shroud dash housing
- Colourless when not illuminated
- R65 class I (amber) class II (blue) approved
- EMC R10 compliant
- Night & day (dim mode)
- 10 flash patterns
- Multiple unit synchronisation
- Warranty: 2 years



Dimensions (mm)	166(L) x 115(W) x 96(D)
Voltage	11-32V DC
Amps	@12VDC: 700-900mA
Ideal for	Dash & rear window



BOOK A DEMONSTRATION

Are you looking to learn more about our innovative product range? Look no further! Our team offers hands-on and informative demonstrations, anytime, anywhere.

DIRECTIONALS // STAR RANGE



THE IDEAL SOLUTION WHEN A DISCRETE COVERT LIGHT IS REQUIRED



STAR-M1

- Unique miniature silicone design
- Covert & discrete applications
- Integrated inhibit feature (for wing mirror applications)
- Permanent illumination feature for GATSO light
- Bespoke shrouds available
- ECER65 Class I Blue
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	23(Ø) x 10.7(D)
Voltage	12-24 VDC (nominal)
Amps	630mA at 12VDC
Ideal for	Wing mirrors, Marked, Covert



Mounting Shroud Options



STAR-M6

- Ultra-slim covert directional designed for internal window mounting
- Rubberised visor options for varying window fitment
- Covert & discrete applications
- Swap cable exit via UBC-C connector
- ECER65 Class II Blue
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	107 (L) x 18.4 (H) x 58.4(D)
Voltage	11 – 32 VDC
Amps	300 mAmps (at 12v)
Ideal for	Marked, Covert



STAR-M3

- Unique miniature silicone design
- Covert & discrete applications
- Integrated inhibit feature (for wing mirror applications)
- Permanent illumination feature for GATSO light
- Flexible design for fixment to curved surfaces
- ECER65 Class I Blue
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- Multiple unit synchronisation
- 3 year warranty

Dimensions (mm)	59(w) x 18(W) x 8.83 (D)
Voltage	12-24 VDC (nominal)
Amps	300mA at 12VDC
Ideal for	Wing mirrors, Marked, Covert



DIRECTIONALS // & DASH MOUNTS

We've got a solution for all your directional lighting needs! Our directional LED solutions are designed to meet all of your application needs, from commercial vehicles to emergency services and covert vehicles.



GECKO 3

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class I Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	73.6(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	500mA @12VDC
Ideal for	Marked, Covert, grille,



GECKO 6

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	122.7(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	700mA @12VDC
Ideal for	Marked, Covert, grille,



GECKO DUO DASH MOUNT

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	238.6(L) x 115(W) x 53.7(D)
Voltage	11-32V DC
Amps	1.4Amps @12VDC
Ideal for	Marked, Covert



MANUFACTURED IN THE UNITED KINGDOM

Proudly manufactured right here in the UK. Our products reflect our commitment to British craftsmanship, a feature we know our customers value highly. We take immense pride in delivering exceptional quality across our entire range of products, ensuring reliability when it matters most.



AUXILIARY // STEALTH PLATE

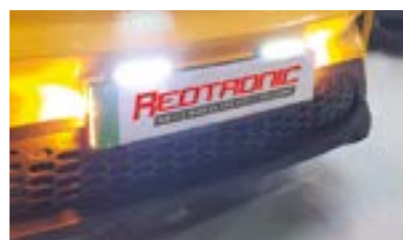
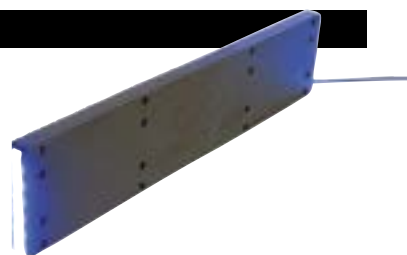
INFINITY SP2 WORLD'S SLIMMEST, FLEXIBLE HYBRID STEALTH PLATE

STEALTH PLATE

INFINITY SP2

- 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)
- 3 year warranty

Dimensions (mm)	73.6(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	500mA @12VDC
Ideal for	Marked, Covert, grille,



TESTING FACILITIES // REAL LIFE SCENARIOS

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.

SERVICE // SUPPORT

Are you looking to learn more about our innovative product range? Look no further! Our team offers hands-on and informative demonstrations, anytime, anywhere.

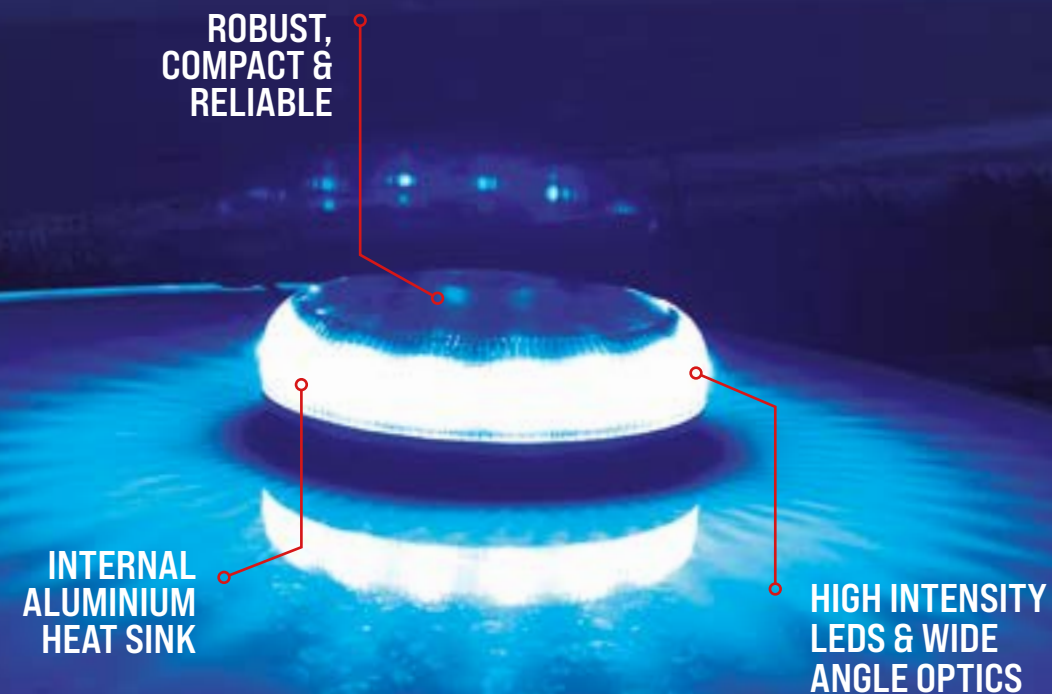
With extensive knowledge of our product range we are happy to provide demonstrations to you and your customers at your premises.

We also invite you to visit us at our state-of-the-art facilities where you can see first-hand how our products are designed and manufactured. Book a demonstration today!



// GET IN TOUCH TO MAKE AN APPOINTMENT: +44(0)1422 310999 // HELPDESK@REDTRONIC.CO.UK

TORNADO MICROBAR & BEACONS



// MOUNTING OPTIONS



// BOLT

// MAGNETIC

// SUCTION

// POLE

Redtronic's Tornado range is designed to incorporate a sleek and modern design whilst providing the ultimate light output to meet R65 Class II in amber and blue. The Tornado range meet IP69K to protect against water and dust and features include CAP168/ICAO approval, multiple flash patterns and a variety of mounting options to meet most vehicle applications. With a built in auto dim sensor which will automatically reduce output in dark environments whilst still adhering to ECER65. Featuring ultra-bright latest generation LEDs under an ultra-strong, UV stabilised, fresnel polycarbonate lens offering multiple lens colour options and LED colours.



SEE THE TORNADO RANGE IN ACTION
WWW.REDTRONIC.CO.UK

BEACONS // HIGH INTENSITY BEACONS

The Tornado beacons are tough enough for any job, designed for a fit-and-forget purpose. Featuring ultra-bright latest generation LEDs under an ultra-strong, UV stabilised, fresnel polycarbonate lens offering multiple lens colour options and LED colours.



TORNADO B47

- 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
- 3 year warranty

Dimensions (mm)	47(H) x 154(D)
Voltage	11-32V DC
Amps	2.8 amps max at 12VDC, 1.4 amps max at 24VDC
Ideal for	Marked



TORNADO B110

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

Dimensions (mm)	110(H) x 142(D)
Voltage	11-32V DC
Amps	2 amps max at 12VDC
Ideal for	Marked



MICROBAR // ROBUST LOW PROFILE



TORNADO 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
- 3 year warranty

Dimensions (mm)	255(L) x 179(W) x 47(D)
Voltage	11-32V DC
Amps	2.4 amps max at 12VDC
Ideal for	Marked



Available in a variety of mount options whether you require a permanent or temporary mount making it the perfect solution for a variety of vehicle applications from emergency services and covert vehicles to amber safety and commercial vehicles. Backed with IP69K, EMC R10, ECE R65 approvals and 7 flash patterns including ICAO/CAP168 airport pattern. It features ultra-bright latest generation LEDs under an ultra-strong UV stabilised polycarbonate lens offering multiple lens colour options and LED colours.



AUXILIARY // CONTROLLERS



INSTALLATION MADE EASY.
ALL-IN-ONE INTEGRATED CONTROL KEYPAD

CONTROLLERS // LINX RANGE

The LINX is an all-in-one integrated control keypad designed to provide simple installation and versatile control capabilities. It serves as a dynamic universal controller capable of switching various types of load applications, including resistive, inductive, and capacitive loads. Its primary purpose is to control Redtronic lighting and audible products, offering a convenient and centralized control solution.



LINX-4

- Discrete & sleek design
- 4 RGB Programmable switches
- Backlighting options
- Integrated intelligence in keypad enclosure
- Latching & momentary switches
- IP52 protection against dust & water ingress
- EMC R10 compliant
- Mounting brackets & various decals included
- 2 year warranty

Dimensions (mm)	76(L) x 54(W) x 22(D)
Voltage	12V or 24V DC
Power cable	1000mm (power & earth)



LINX-6

- Discrete & sleek design
- 6 RGB Programmable switches
- Backlighting options
- Integrated intelligence in keypad enclosure
- Latching & momentary switches
- IP52 protection against dust & water ingress
- EMC R10 compliant
- Mounting brackets & various decals included
- 2 year warranty

Dimensions (mm)	116(L) x 54(W) x 21(D)
Voltage	12V or 24V DC
Power cable	3000mm (power & earth)



SIRENS // SPEAKERS

Our sirens and speakers are intelligent and user-friendly, offering a durable flexible solutions for your emergency warning needs.



S20IS

- Compact all-in-one speaker siren
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- Audible sense / monitor output
- 2 year warranty

Dimensions (mm)	200(L) x 140(W) x 46 (H)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	2 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren



S20ISPC

- Compact all-in-one speaker siren
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- 1m extension hose
- Audible sense / monitor output
- 2 year warranty

Dimensions (mm)	102.2x 83.7 (speaker)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	2 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren

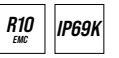


S20IS-PA

- Compact all-in-one speaker siren PA
- Water resistant microphone
- Synchronise with S20IS (standard model)
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- Audible sense / monitor output
- 2 year warranty

Dimensions (mm)	200(L) x 140(W) x 46 (H)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	4 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren



EM500 SIREN

- International and European Tones (programmable)
- PA and non-PA models available
- Audible sense feature included as standard
- Low current 'standby' feature
- Positive and negative triggers
- Tone selector accessible externally
- EMC / R10 Compliant
- 2 year warranty

Dimensions (mm)	120(L) x 95.5(W) x 51.5(H)
Voltage	12V DC
Impedance	11 Ohm
Frequency range	360 - 1750Hz
Nominal power	60w or 100w selectable (Day / Night)



EM60 PC SPEAKER

- Durable aluminium assembly
- Space Saving Pipe Speaker
- Use with 12 or 24 volt siren
- EMC: EMC/R10 Compliant
- IP66
- 2 year warranty

Dimensions (mm)	117.9 x 110.75 (speaker x 1m pipe) x 180 (pipe cowl)
Voltage	11-16V DC and 20-30VDC
Impedance	11 Ohm
Frequency range	180 - 700Hz
Nominal power	100W



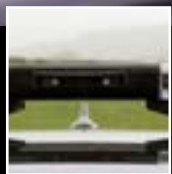
S150SL SLIMLINE

- Can be used with 100W siren
- Durable steel assembly
- Slim-profile Compact Speaker
- Use with 12 or 24 volt siren
- EMC: EMC/R10 Compliant
- IP66
- 2 year warranty

Dimensions (mm)	168(L) x 132(W) x 54(H)
Impedance	11 Ohm
dB Output	113.1dB
Nominal power	150W



COMBINATION PRODUCTS



// LIGHTING & SIREN COMBINED



// TEMPORARY MOUNT



// MOVABLE BETWEEN VEHICLES

Our combination product range is easily movable between vehicles and doesn't require any permanent fittings. This means that you get the quality lighting you need without compromising on vehicle lease agreements or damaging your car.

COMBINATION //

If you're searching for a non-permanent lighting & siren for your leased or temporary emergency vehicle, Redtronic has the perfect product solution. Our temporary mounted combination range is an excellent option for those who do not want to drill holes in their vehicles, and need to move the fixture between different vehicles as required.

TORNADO-XS



- Beacon and Speaker/Siren Combo
- Magnetic Mount
- 20w Neodymium speaker
- Inbuilt 20w digital siren
- Cruise and GATSO light features available
- ECER65 Class II Blue
- IP45K protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- Multi-function cigarette plug or LINX4 Universal controller options
- Light weight design
- 3 Year warranty

Dimensions (mm)	192mm x 176mm x 180mm (WxHxD)
Voltage	11-16VDC and 20-30VDC
Amps	3 Amp @12V DC
dB Output	110db at 3.5m
Nominal power	20W



TORNADOX DUO



- Beacon and Duo Speaker/Siren Combo
- Magnetic Mount
- 2x 20w Neodymium speaker
- 2x Inbuilt 20w digital siren
- Cruise and GATSO light features available
- ECER65 Class II Blue
- IP45K protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- KBA Brake Tested magnet mount
- Multi-function cigarette plug or LINX4 Universal controller options
- Light weight design
- 3 Year warranty

Dimensions (mm)	295mm x 176mm x 182mm (LxHxD)
Voltage	11-16VDC and 20-30VDC
Amps	4 Amp @12V DC
dB Output	110db at 3.5m (single unit)
Nominal power	2x 20w



SPARTAN X

- Low profile
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single, tri and multi colour options
- Various additional options and mountings available
- ECER65 Class II Amber & Blue (Model dependant)
- Features include: rear reds, steady burn GATSO (blue), front / rear split and internal speaker / siren / PA
- IP54 protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- EMC R10 compliant
- Dekra Speed Rating: 146.6mph (236.2km/h) mag mount
- 2-5 Year warranty

Dimensions (mm)	550(L) x 64(H) x 305(w)
Voltage	12VDC
Amps	8.5 Amps
dB Output	100dB at 1m
Nominal power	100w / 100w digital siren



DSFX-X

- Double stack, Low profile
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single, tri and multi colour options
- Various additional options and mountings available
- ECER65 Class I & II Amber & Blue (Model dependant)
- Features include: rear reds, steady burn GATSO (blue), front / rear split and internal speaker / siren / PA
- IP54 protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- EMC R10 compliant
- Dekra Speed Rating: 146.6mph (236.2km/h) mag mount
- 2-5 Year warranty

Dimensions (mm)	550(L) x 90(H) x 305(w)
Voltage	12VDC
Amps	9.5 Amps
dB Output	100dB at 1m
Nominal power	100w / 100w digital siren



WORKLAMPS & SCENE LIGHTS



ULTRA-STRONG, COMPACT AREA LIGHTING PRODUCTS DESIGNED FOR ANY EMERGENCY RESPONSE OR SAFETY VEHICLE



NIGHT ANGEL SCENE LIGHT - CURVE

- Designed with a gentle curve to mirror the profile of modern commercial vehicles
- Ultra-strong cast aluminium body & silicone fascia
- Ultra bright latest generation 6500k 70-CRI white LED
- Available in Black
- 1100+ lumen output (white LED)
- EMC / R10 compliant
- IP69K protection against dust & water ingress
- Supplied with flexible rear gasket
- 5 year warranty

Dimensions (mm)	203(L) x 53.2(W) x 28.7(D)
Voltage	11-32V DC
Amps	@12VDC: 1.2 Amps @24V: 600mA
Light Lumens	1100+ Lumens



NIGHT ANGEL SCENE LIGHT

- Compact and durable flush mounting scene light
- Ultra-strong cast aluminium body & silicone fascia
- Ultra bright latest generation 6500k 70-CRI white LED
- Black, White, Red, Yellow housing options
- 1100+ lumen output (white LED)
- EMC / R10 compliant
- IP69K protection against dust & water ingress
- Supplied with flexible rear gasket
- 5 year warranty

Dimensions (mm)	203(L) x 53.2(W) x 28.7(D)
Voltage	11-32V DC
Amps	@12VDC: 1.2 Amps @24V: 600mA
Light Lumens	1100+ Lumens



WORKLAMPS // NIGHT ANGEL RANGE

The Redtronic Night-Angel Flood & Spot are two of the most powerful lumen output work lamps on the market featuring 7000 lumens on the Flood work lamp and 12000 lumens on the Spot work lamp housed in an ultra-strong cast aluminium body featuring ultra-bright latest generation LEDs, these premium work lamps really do turn night into day.



NIGHT ANGEL FLOOD

- Ultra-strong cast aluminium body
- Adjustable tilt and turn feature
- Powder coated black, weather resistant
- Colourless when not illuminated
- Flood light
- EMC / R10 compliant
- IP66 protection against dust & water ingress
- Multiple unit synchronisation
- Supplied with fixing kit
- 5 years warranty

Dimensions (mm)	200(L) x 140(H) x 46(D)
Voltage	11-30V DC
Amps	4.1 Amps @12VDC
Light output	7,000 Lumens



NIGHT ANGEL SPOT

- Ultra-strong cast aluminium body
- Adjustable tilt and turn feature
- Powder coated black, weather resistant
- Colourless when not illuminated
- Spot light
- EMC / R10 compliant
- IP66 protection against dust & water ingress
- Multiple unit synchronisation
- Supplied with fixing kit
- 5 years warranty

Dimensions (mm)	200(L) x 140(H) x 46(D)
Voltage	11-30V DC
Amps	4.1 Amps @12VDC
Light output	12,000 Lumens



WORKLAMPS // THOR RANGE



WTRX-001

- Four ultra-bright white LED's
- Wide Pattern
- EMC / R10 compliant
- IP67 protection against dust & water ingress
- Steel mounting bracket
- Polycarbonate lens
- 1 year warranty

Dimensions (mm)	90(L) x 90(H) x 45(D)
Voltage	10-30V DC
Amps	750 mAmps @12VDC
Light Output	1,000 Lumens



WTRX-002

- Six ultra-bright white LED's
- Wide Pattern
- EMC / R10 compliant
- IP67 protection against dust & water ingress
- Steel mounting bracket
- Polycarbonate lens
- 1 year warranty

Dimensions (mm)	110(L) x 110(H) x 47(D)
Voltage	10-30V DC
Amps	1 Amps @12VDC
Light Output	1,500 Lumens



WTRX-003

- Seven ultra-bright white LED's
- Flood Beam Pattern
- EMC / R10 compliant
- IP67 protection against dust & water ingress
- Steel mounting bracket
- Polycarbonate lens
- 1 year warranty

Dimensions (mm)	70(L) x 95(H) x 41(D)
Voltage	10-30V DC
Amps	7.8 Amps @12VDC
Light Output	6,840 Lumens



WHY CHOOSE REDTRONIC

UK DESIGN & MANUFACTURE

At Redtronic, quality and innovation are at the heart of everything we do. Every product is proudly designed, engineered, and manufactured in-house at our UK facility. Backed by a team of expert engineers, skilled designers, precision assembly technicians, and LED specialists, we combine experience and technology to deliver exceptional vehicle lighting solutions.

CUSTOM BUILT PRODUCTS

As a trusted name in the emergency and safety lighting industry, Redtronic specialises in solutions tailored to your exact requirements. From lightbars to full vehicle lighting systems, every custom product is built to order—offering complete flexibility, precision integration, and a perfect fit for your fleet.

STOCK & LEAD TIMES

Thanks to our UK-based manufacturing, we're able to offer swift turnaround times on both standard orders and spare parts. Our streamlined production and stock systems ensure fast, reliable delivery—keeping your vehicles operational and reducing downtime.

QUALITY

Redtronic products are built to perform—and built to last. Each unit undergoes a minimum of 8 quality assurance checks throughout production to ensure it meets our rigorous standards. From raw components to final assembly, quality control is at the core of our manufacturing process.

WARRANTY / SERVICE

All Redtronic warranties are handled directly in the UK for faster response and resolution. Our dedicated technical support team is on hand to assist with any queries, ensuring you receive expert guidance and efficient service when you need it most.

QUALITY // MADE IN THE UK

All of our products are proudly manufactured in the UK, reflecting our commitment to quality and reliability. We understand how important that is to our customers, and we take pride in delivering high-performance vehicle warning and safety solutions you can trust.



DISCOVER THE DIFFERENCE OF HIGH-QUALITY PRODUCTS THAT ARE BUILT TO LAST.

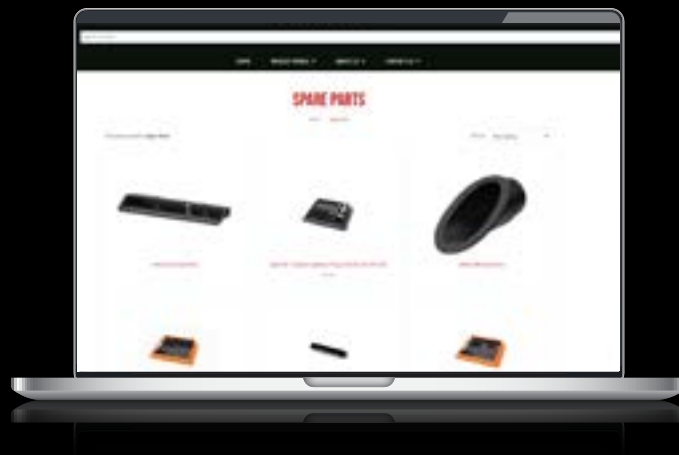
When you choose Redtronic, you're making an investment in quality. Our products are designed and manufactured right here in the UK, ensuring the highest standards of craftsmanship. And to give you peace of mind, we back our products with a solid warranty.

Experience the convenience of easy installation and the flexibility of configurable options. The Redtronic range is built to adapt to your needs, providing you with the ultimate user-friendly experience.

With our dedicated technical support and comprehensive warranty, you can have peace of mind knowing that we've got your back every step of the way.

We welcome customers to visit our UK facility, meet the team, and experience first-hand what makes Redtronic different.

MANUFACTURED IN THE
UNITED KINGDOM



VISIT OUR WEBSITE FOR A COMPLETE LISTING OF OUR PRODUCT LINE UP

// FULL PRODUCT INFORMATION

// BESPOKE PRODUCT CONFIGURATION

// INSTALLATION GUIDES

// ORDER ONLINE

// 360° VIEW OF PRODUCTS

// PRODUCT VIDEOS

// ONLINE LIVE CHAT

// DATASHEETS

// ORDER SPARES ONLINE



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REDTRONIC
VEHICLE WARNING AND SAFETY SOLUTIONS

WE'RE HERE TO HELP
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