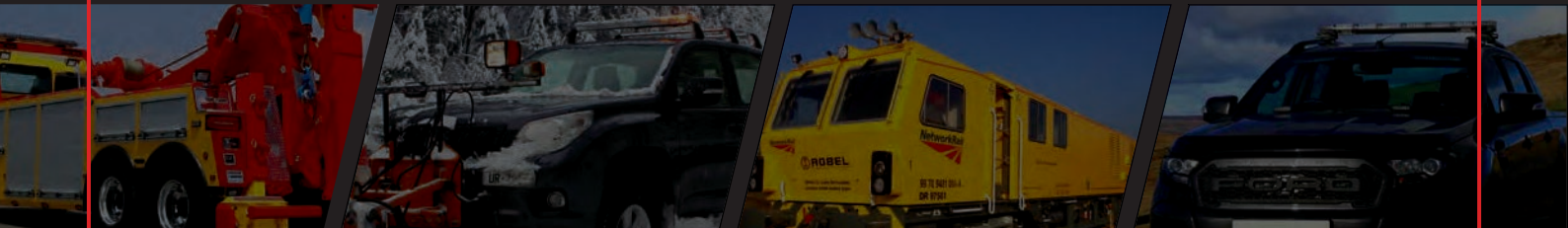


REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS



SAFETY FLEET SOLUTIONS

- // Commercial Vehicle / Utilities
- // Recovery / Towing
- // Construction / Agriculture
- // Transport / Escort
- // Airport

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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

LED BY INNOVATION

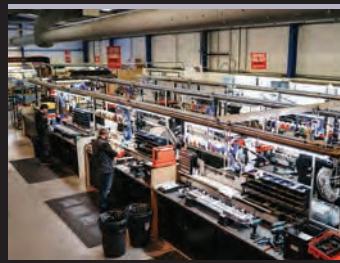
We believe that innovation from concept to completion is the key to success, and we have made it our mission to deliver exactly that. Our UK-based facilities are where our products are manufactured, so you can trust that you're getting the best quality possible.

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.

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.



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DIRECTIONALS & DASHMOUNTS	9 - 14
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STEALTH PLATE	19
CONTROLLERS	20
TESTING FACILITIES	21



WHY CHOOSE REDTRONIC

UK DESIGN & MANUFACTURE

At Redtronic, we take pride in our commitment to quality and innovation. That's why all of our products are manufactured in-house right here in the UK. With a team of highly skilled engineers, dedicated designers, assembly specialists, and LED technical experts, we have the expertise to bring you the best.

CUSTOM BUILT PRODUCTS

As a leading supplier in the industry, we take pride in our efficiency and expertise in creating tailor-made lighting solutions. Whether it's lightbars or any other product, we manufacture to your exact specifications, ensuring maximum flexibility and a bespoke design that fits your requirements perfectly.

STOCK & LEAD TIMES

At our company, we take pride in our ability to swiftly supply orders and spare parts to our valued customers. One key advantage we offer is that we manufacture all of our warning lights right here in the UK.

QUALITY

Experience unmatched reliability with Redtronic's commitment to quality. Our rigorous testing procedures at every stage of the manufacturing process ensure that each product meets our high standards. With an average of 8 quality checks before dispatch, we leave no room for compromises.

WARRANTY / SERVICE

Redtronic warranties are serviced directly from the UK. Buying from reputable brands guarantees quality and reliability. Redtronics technical team are available to deal efficiently with any enquiry within the quickest possible timeframe.



REDTRONIC // ALL APPLICATIONS COVERED



WHATEVER THE REQUIREMENTS

Workplace Safety Lighting Solutions, your go-to for all your fleet vehicle safety needs.

Our extensive line of safety solutions are designed to keep you and those around you protected. With high intensity LED warning lights, approaching drivers won't miss your hazard signal. And even in the lowest visibility, our range will ensure that you can see exactly what you're doing.

Choose Redtronic and drive with confidence

For our complete range please visit our website www.redtronic.co.uk.

COMMERCIAL VEHICLE / UTILITIES

RECOVERY / TOWING

CONSTRUCTION / AGRICULTURE

TRANSPORT / ESCORT

AIRPORT



MANUFACTURED IN THE
UNITED KINGDOM

LIGHTBAR SOLUTIONS



Our range of lightbars are powerful warning devices suitable for both the recovery and commercial safety markets offering a wide range of customisation for various vehicle types.

Designed for tough environments and backed with rigorous testing, rest assured these powerful lightbars are high performance and built to last. Each lightbar is built specifically to a customer's specification allowing maximum flexibility and bespoke design.

Our range of lightbars are designed, configured & manufactured all within our West Yorkshire, UK based facilities.

LIGHTBARS // SPARTAN

SPARTAN



CONFIGURED BY YOU // DELIVERED BY US

<p>SELECT YOUR LENGTH</p>	<p>SELECT YOUR MODEL</p>	<p>SELECT YOUR LED COLOUR</p>	<p>SELECT YOUR LENS COLOUR</p>	<p>SELECT YOUR FEATURES</p>	<p>SELECT YOUR MOUNTING OPTIONS</p>
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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.

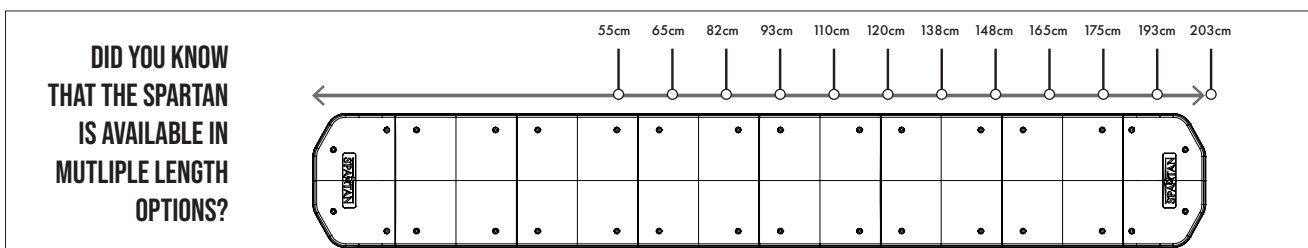


- 12 lengths available
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Tri Colour
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

- Flashing or Steady burn Models
- 12 lengths available
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Dual Colour
- Various additional options and mountings available
- 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

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





LIGHTBARS // BULLITT

With its cutting-edge dynamic shape design, this industry-first innovation sets a new standard for sleekness and functionality. Engineered to minimize wind drag, the Bullitt Lightbar minimises resistance to wind drag that results in minimal impact on fuel consumption.



BULLITT ADVANCED



- 10 lengths available
- All emergency & safety colours available
- Aerodynamic Shape significantly reduces wind drag which maximises fuel efficiency
- 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

RANGE OF FOOTPACKS - see page 8

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

FEATURES: ROTATING FLASH PATTERN, 360° WHITE LIGHT, CRUISE LIGHTS, TRAFFIC DIRECTOR, FLEXI-FLASH, 9 PROGRAMMABLE INPUTS, NIGHT & DAY (DIM MODE), R65 MONITOR OUTPUT, AERODYNAMIC DRAG 1.45MPG

LENGTH OPTIONS: 55CM TO 204CM

LENS COLOURS: AMBER, BLUE, CLEAR (CLEAR BOTTOM LENS ONLY)

VOLTAGE: 11-32VDC

APPROVALS: R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP6K

WARRANTY: 5 YEAR WARRANTY

LIGHTBARS // DSFX

When a big presence is required



DSFX



- 6 lengths available
- All emergency & safety colours available
- Aerodynamic Shape significantly reduces wind drag which maximises fuel efficiency
- 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

RANGE OF FOOTPACKS - see page 8

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, IP6K

WARRANTY: 5 YEAR WARRANTY



LIGHTBARS // FOOTPACKS

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



EM108UF - UNIVERSAL FOOTPACK (STANDARD)



EM102SC - SUCTION MOUNT



EM102RFSS - MAGNETIC MOUNT



EM108RRB - ROOF RAIL BRACKETS



EM1086MUF - GUTTER MOUNTS



EM108RRC - ROOF RAIL CLAMPS



EM108RBB - ROOF BAR BRACKETS



EM108UHP - HIGH PROFILE BRACKETS



EM108RBC - ROLL BAR CLAMPS

TRAFFIC DIRECTOR // WARNING BAR



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: AMBER, BLUE, CLEAR (CLEAR BOTTOM LENS ONLY)

VOLTAGE: 11-32VDC

APPROVALS: R65 CLASS II (AMBER AND BLUE), EMC R10, CAP168/ICAO, IP6K

WARRANTY: 2 YEAR WARRANTY

A close-up photograph of a Ford truck's front grille. The grille is made of horizontal chrome bars. A circular Ford logo is visible on the right side. A rectangular LED light is mounted in a recessed area of the grille, glowing with a bright yellow light. Below the grille, a red and white striped bumper is visible, with water droplets on its surface.

DIRECTIONALS & DASH MOUNTS

Directional LED solutions are designed to fit all your vehicle application needs. 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 boasts 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 // 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.

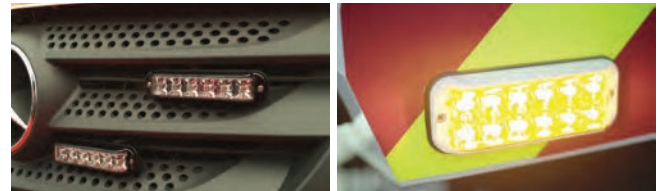
Designed with premium features and quality in mind, BX Bullitt Directional LEDs offer single colour, tri-colour, and multi-colour options. Choose from two bezel colours - black or white - to match the most common colours of vehicles, from emergency vehicles to amber safety/commercial vehicles.



BULLITT - BX Directional LED Key Features



- Black or white 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)

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





QUAD COLOUR DIRECTIONAL LED WITH BUILT-IN DOWNLIGHT



INFINITY STX



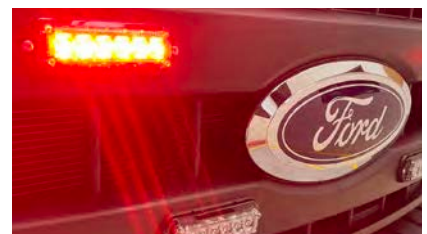
- Designed for the toughest environments
- Single, Dual or Quad Colour
- Optional built-in downlight
- Simple installation
- Hybrid material (including acrylic, polycarbonate and silicone)
- Black heatsink body
- Rear airflow vents to eliminate condensation issues
- ECER65 Class II Blue & Amber
- IP69K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

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



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.



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 // INFINITY RANGE

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.



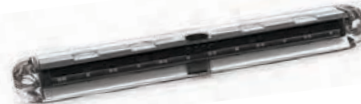
INFINITY BB4

- 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

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



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UNITED KINGDOM

DIRECTIONALS // GECKO RANGE



POWERFUL LED LIGHT IN A SLIM, COMPACT DESIGN



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
- Hardwire, cigarette & USB connection
- 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



USB NEW! USB CONNECTION OPTIONS

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 discreet applications.



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



STAR-M6 ■ ■ ■ ■

- Ultra-slim covert rubberised directional with tinted lens and vinyl kit
- Dual colour as standard
- Covert & discrete applications
- Flexible and adaptable to windscreen shape and curvature
- Swap cable exit via UBC-C connector
- ECER65 Class I 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-M18 ■ ■ ■ ■

- Ultra-slim covert rubberised directional with tinted lens and vinyl kit
- Dual colour as standard
- Covert & discrete applications
- Flexible and adaptable to windscreen shape and curvature
- Swap cable exit via UBC-C connector
- ECER65 Class I Blue
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	261.4(L) x 18.3 (H) x 58.5(D)
Voltage	11 – 32 VDC
Amps	300 mAmps (at 12v)
Ideal for	Marked, Covert



MICRO-LITE 4 ■ ■ ■ ■

- Ultra-Thin Discreet Covert Warning LED
- Single or Split Colour
- Available in split-colour (left/right)
- Bespoke shrouds available
- Vinyl tint kit available
- IP65
- Various flash patterns
- 2 year warranty

Dimensions (mm)	60(L) x 23(H) x 12(D)
Voltage	10-30V DC
Amps	400mA @12VDC
Ideal for	Marked, Covert



MANUFACTURED IN THE UNITED KINGDOM

We manufacture these products right here in the UK—because we know that's important to our customers—and we pride ourselves on providing high-quality products across all our vehicle warning and safety solutions.



WORKLAMPS & SCENE LIGHTS



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	@12VDC 4.1 Amps
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	@12VDC 4.1 Amps
Light output	12,000 Lumens



NIGHT ANGEL SCENE LIGHT

- Compact and durable scene light
- Ultra-strong cast aluminium body
- Black, White, Red, Yellow housing options
- Colour matching facia
- Colourless when not illuminated
- 3000+ 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(W) x 27(D)
Voltage	12 OR 24V DC
Amps	@12VDC: 1.7 Amps
Light Lumens	3000+ Lumens



WORKLAMPS // THOR RANGE

Redtronic's Thor WTRX-001 worklamp offers latest technology, ultra-bright white LEDs in a compact housing. Featuring a strong and durable polycarbonate lens and die-cast aluminium housing the Thor worklamp meets IP67 to protect against water and is EMC R10 approved. This worklamp is the perfect solution for most vehicle applications.



WTRX-001

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

Dimensions (mm)	70(L) x 95(H) x 41(D)
Voltage	10-30V DC
Amps	2.5 Amps @12VDC
Effective lumens	1,400-2,200
Raw Lumens	3,040 Lumens



WTRX-002

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

Dimensions (mm)	101(L) x 114(H) x 45(D)
Voltage	10-30V DC
Amps	5.3 Amps @12VDC
Effective lumens	2,780 - 5,200
Raw Lumens	6,840 Lumens



WTRX-003

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

Dimensions (mm)	70(L) x 95(H) x 41(D)
Voltage	10-30V DC
Amps	7.8 Amps @12VDC
Effective lumens	2,780 - 5,200
Raw Lumens	6,840 Lumens



THOR

THOR INTERIOR LIGHTS

- High quality interior light
- Dual colour
- Single colour in white available on request
- 3 length options: 160mm, 300mm, 600mm
- EMC R10 and ADR compliant
- IP54 protection against dust & water ingress
- Lumens: 160-WB (273lm), 300-WB (691lm), 600-WB (1169lm)
- Flood beam pattern
- Surface mount (screws included)
- Hardwired / non-switch
- Switched and PIR versions available on request
- White and grey end cap options
- 50% DIM function
- Steel mounting bracket
- Aluminium housing
- Polycarbonate lens
- Voltage: 10-30VDC
- 1 year warranty



MODEL	ITRW-160-WB	ITRW-300-WB	ITRW-600-WB
Dimensions (mm)	161 (L) x 53 (W) x 12 (D)	301 (L) x 53 (W) x 12 (D)	601 (L) x 53 (W) x 12 (D)
Voltage	10-30VDC	10-30VDC	10-30VDC
LEDs	22	58	134
Lumens	273	691	691



MANUFACTURED IN THE UNITED KINGDOM

TORNADO MICROBAR & BEACONS

ROBUST,
COMPACT &
RELIABLE

INTERNAL
ALUMINIUM
HEAT SINK

HIGH INTENSITY
LEDs & WIDE
ANGLE OPTICS

// 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

TORNADO B47

- Ultra low-profile design
- Rotating flash patterns included
- Bolt, magnetic, suction & pole mounting options
- Hardwire, cigarette & USB connections
- 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

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



TORNADO B150

TORNADO B150

- Traditional design
- Rotating flash patterns included
- 1 or 3 Bolt, magnetic & 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)
- 3 year warranty

Dimensions (mm)	150(H) x 142(D)
Voltage	11-32V DC
Amps	2 amps max at 12VDC

Ideal for Marked



USB NEW! USB CONNECTION OPTIONS

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 // STEALTH PLATE



INFINITY SP2

WORLD'S SLIMMEST, FLEXIBLE HYBRID STEALTH PLATE

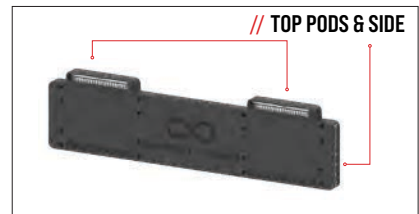
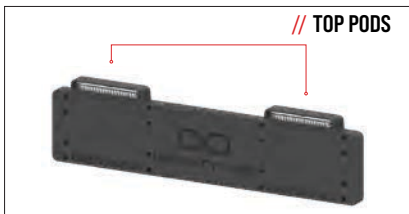
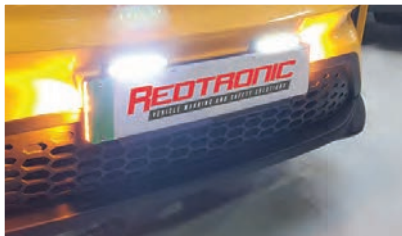
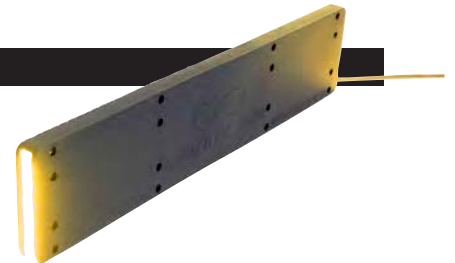
STEALTH PLATE

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,



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.



linx4
UNIVERSAL CONTROLLER



linx6
UNIVERSAL CONTROLLER

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)





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.



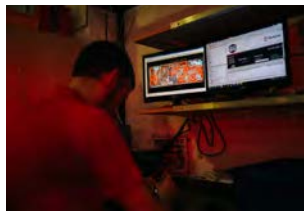
// DURABILITY TEST

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

REDTRONIC // BEHIND EVERY PRODUCT



BUILT-IN AS STANDARD WITH EVERY REDTRONIC PRODUCT
FROM CONCEPT TO COMPLETION

SYNCHRONISATION
ACROSS ALL
REDTRONIC PRODUCTS

PLUG & PLAY
MODULAR DESIGN
FOR EASE OF INSTALL

CUSTOMISE / FLEXIBILITY
FOR YOUR SPECIFIC
REQUIREMENTS

TECHNICAL SUPPORT
EVERY STEP OF THE WAY

CUSTOMER SERVICE
ALWAYS HERE TO HELP

SERVICE SUPPORT
EXPERTS IN THE FIELD

WARRANTY
FOR PEACE OF MIND

PRODUCT TESTING
TO MEET ALL
REGULATIONS

DESIGNED IN-HOUSE
BY ENGINEERING
EXPERTS

INDUSTRY CERTIFICATIONS
AS STANDARD

UK MANUFACTURE
LED PLACEMENTS, ASSEMBLY,
TOOLING ALL UNDER ONE ROOF



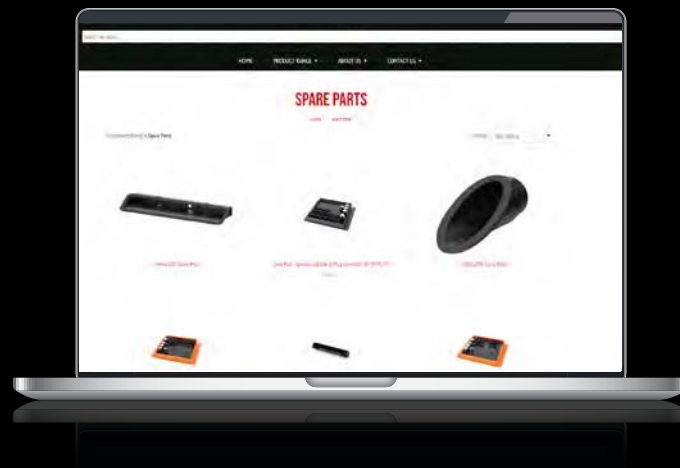
DISCOVER THE DIFFERENCE OF HIGH-QUALITY PRODUCTS THAT ARE BUILT TO LAST.

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.

But it doesn't stop there. 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.

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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VEHICLE WARNING AND SAFETY SOLUTIONS

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