



EMERGENCY SERVICES Solutions



WWW.REDTRONIC.CO.UK

MANUFACTURED IN THE UNITED KINGDOM



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.

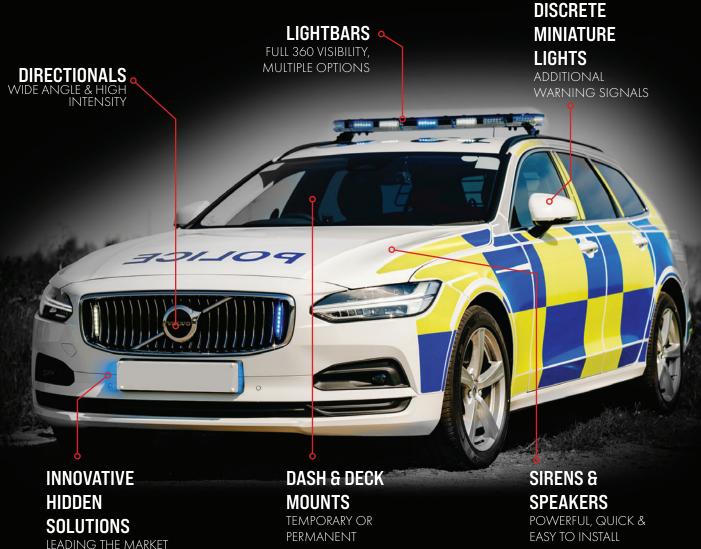




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MARKED SOLUTIONS



EASY TO INSTALL

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

HIGHLY COVERT DIRECTIONALS

MARKET LEADING INNOVATIVE CONCEPTS

MULTIPLE SHROUDS FOR DIRECTIONALS CUSTOMISED OPTIONS

DISCRETE & SELF CONTAINED CONTROL SYSTEMS HIDDEN FROM SIGHT

DISCRETE MINIATURE LIGHTS ADDITIONAL WARNING SIGNALS

DIRECTIONALS WITH

TINTED LENSES ECE R65 COMPLIANT

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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 cuttingedge solutions are designed to provide a discreet solution without compromising visibility, quality or functionality.





LIGHTBAR SOLUTIONS

NULTIPLE COLOUR OPTIONS

Our range of lightbars are powerful warning devices suitable for both the Emergency & Amber Safety markets offering a wide range of customisation for high speed pursuit police vehicles.

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 based facilities.



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.





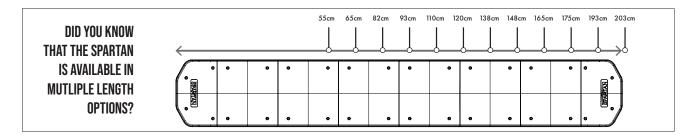
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Tri Colour
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

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



- 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
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WARRANTY:	5 YEAR WARRANTY



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

MODULE OPTIONS: LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL

TURN, INDICATORS, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE).

CRUISE LIGHTS, MULTIPLE FLASH PATTERNS, AUTO DIM MODE)

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

- Ultra-strong UV stabilised polycarbonate lens
- Numerous preconfigured specifications & clear or coloured lenses
- User adjustable cable exit location
- Silicone optics offering wide angle & intense light output
- AutoDim/Photosensor included as standard
- IP69K Dust & Water Resistance
- UN ECE R65 Class 2 (blue and amber) approved

TRAFFIC DIRECTOR

54.7CM TO 185CM

5 YEAR WARRANTY

10-32VDC

AMBER, BLUE, CLEAR, RED

- UN ECE R10 approved with CISPR25 level 3
- 5 Year Warranty

FEATURES:

VOLTAGE:

APPROVALS:

WARRANTY:

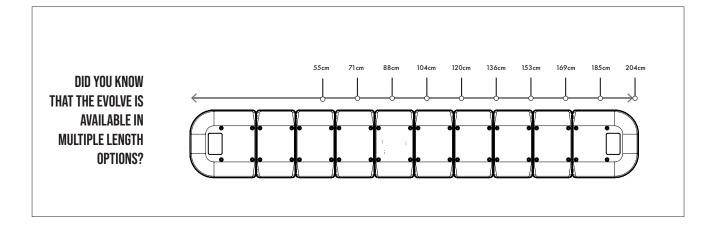
LENGTH OPTIONS:

LENS COLOURS:



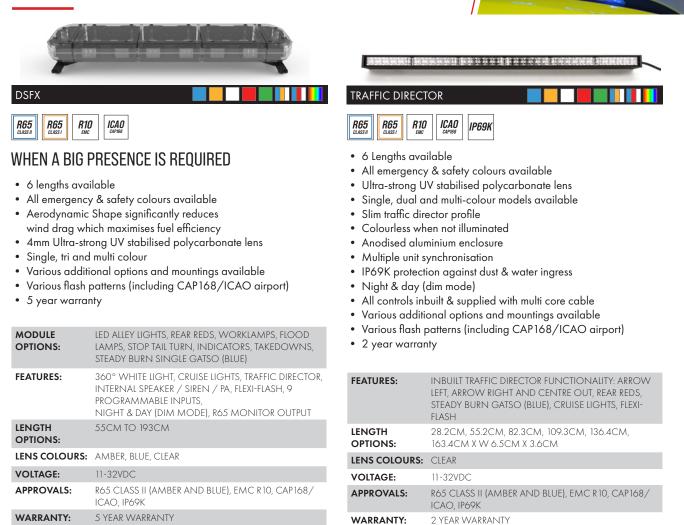
Waterproof/Sealed Connectors

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





LIGHTBARS // TRAFFIC DIRECTOR



LIGHTBARS // FOOTPACKS

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



MANUFACTURED IN THE

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 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

IP69K

- Cruise feature available
- Mounting: 2 screw or L-bracket (optional)
- 2 year warranty

ICAO

R10









Dimensions (mm)	98(L) × 40(H) × 24(D)	98(L) x 63(H) x 24(D)	163(L) x 40(H) x 24(D)	163L) 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 ELASSI ELASSI	R65 ZASSII	R65 CLASSII	R65 LASS II R65 LASS II

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.

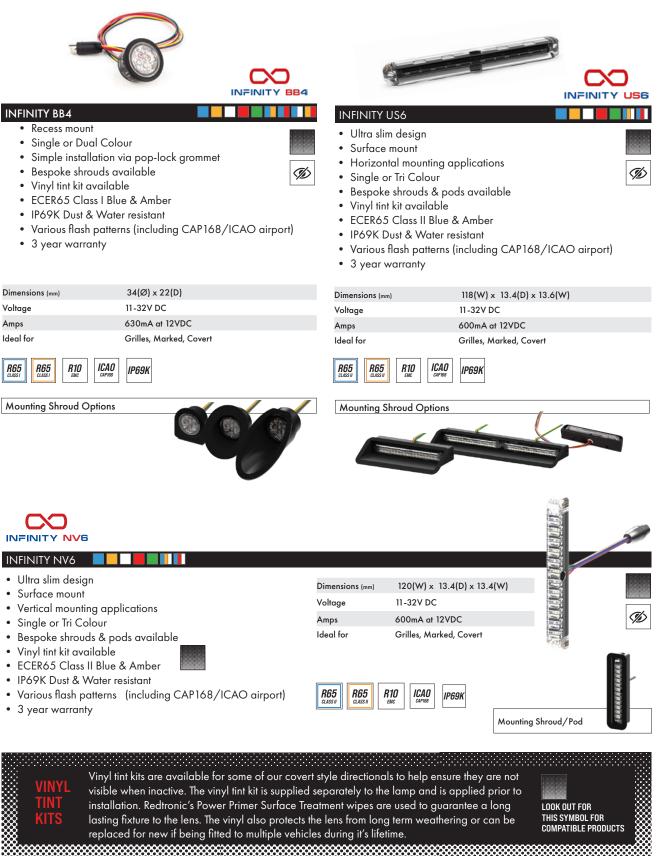


MANUFACTURED IN THE UNITED KINGDOM

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.





DIRECTIONALS // STAR RANGE

THE IDEAL SOLUTION WHEN A DISCRETE COVERT LIGHT IS REQUIRED





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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	

R65	R10	ICAO	IP69K
CLASS I	EMC	CAP168	







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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







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STAR-M6

- Ultra-slim covert rubberised directional with tinted lens & vinyl kit
- Dual colour as standard
- Covert & discrete applications
- Flexible and adaptable to windscreen shape and curvature •
- Swap cable exit via UBC-C connector ٠
- 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	





- Ultra-slim covert rubberised directional with tinted lens & 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	1.1 Amps (at 12v)
Ideal for	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.



• Ultra-strong UV stabilised polycarbonate

Designed with a Gore-Tex vent for airflow

Ultra-bright latest generation LED's

Colourless when not illuminated

(including CAP168/ICAO airport)

11-32V DC

500mA @12VDC

ICAO CAP 168

Marked, Covert, grille,

73.6(L) x 24(H) x 17.6(D)

• Multiple mounting options

Various flash patterns

2 year warranty

R65

R10

Dimensions (mm)

Voltage

Ideal for

R65

Amps

ECER65 Class I Blue & Amber
IP69K Dust & Water resistant

GECKO 3

lens

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



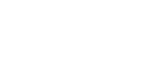


MICRO-LITE 4

- 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





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MANUFACTURED IN THE UNITED KINGDOM

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IP69K

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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 saftey solutions.



AUXILIARY // 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





73.6(L) x 24(H) x 17.6(D)

11-32V DC

500mA @12VDC

ICAO

Marked, Covert, grille,

IP69K

Dimensions (mm)

Voltage

Ideal for

R65

R65

R10

Amps











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.



// DURABILITY TEST

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



// HUMIDITY CHAMBER

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

// 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



// VIBRATION BENCH

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



// ELECTRICAL TRANSIENT

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



// ACOUSTICS CHAMBER

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



// DUST CHAMBER

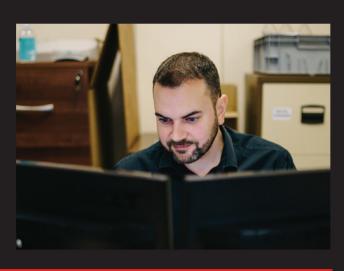
The dust chamber also allows us to provide customers accurate IP ratings relating to dust/dirt and particle ingress.

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



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.



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	
R65 CLASS II CLASS II	R10 EMC LAPIBB CISPR 25 DEKRA	IP69K



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	
R65 CLASSI CLASSI	R10 LAPRE CLISPR 25 DEKRA IP69K	



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
R65 CLASS II CLASS I	R10 EMC LAPIES CISPR 25 DEKRA IP69K

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
R65 CLASS II R65 CLASS II R	10 ICAO CAPIEB DEKRA IP69K

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.





FORNADO MIEROBAR

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)

R10 EMC





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

R10

Dimensions (mm)	116(L) × 54(W) × 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 0hm
dB Output	110dB at 3.5m (Single unit)
Nominal power	20w Neodymium/speaker, 20v 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)
D10	







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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
mpedance	2 0hm
dB Output	110dB at3.5m (Single unit)
Nominal power	20w Neodymium/speaker, 20w digital siren
R10 IP69K	



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





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	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 at3.5m (Single unit)
Nominal power	20w Neodymium/speaker, 20w digital siren





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
- 117.9 x 110.75 (speaker x 1m Dimensions (mm))pipe) x 180 (pipe cowl Voltage 11-16V DC and 20-30VDC Impedance 11 Ohm 180 - 700Hz Frequency range Nominal power 100W **R10** IP66

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

20



COMBINATION PRODUCTS





// LIGHTING & SIREN Combined



// TEMPORARY MOUNT



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.

FORNADOXS

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

FORNADOXOUO

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)	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
R65 CLASSI EMC ICAO CAPIBB	

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 R10 ICAO R65



• 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)

ICAO

R10

- 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 1 m
Nominal power	100w / 100w digital siren

IP54

DEKRA



- 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) × 90(H) × 305(w)
Voltage	12VDC
Amps	9.5 Amps
dB Output	100dB at 1m
Nominal power	100w / 100w digital siren
R55 R65 R10 ICAO DEKRA IP54	



R65

R65











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

R10

- EMC / R10 compliant
- IP66 protection against dust & water ingress
- Multiple unit synchronisation
- Supplied with fixing kit
- 5 years warranty

IP66

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
R10 EMC IP69K	



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-002

ingress

Dimensions (mm) Voltage

Effective lumens Raw Lumens

IP67

Amps

R10

Nine ultra-bright white LED's

IP67 protection against dust & water

101(L) x 114(H) x 45(D)

Steel mounting bracket#Die-case

10-30V DC 5.3 Amps @12VDC

2,780 - 5,200

6,840 Lumens

Flood Beam Pattern

aluminium housing

Polycarbonate lens

1 year warranty

EMC / R10 compliant



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





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

Dimensions (mm)

Voltage LEDs

Lumens

- 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





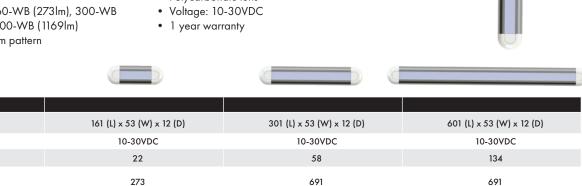
WTRX-003

- 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

IP67

R10

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



WHY CHOOSE REDTRONIC

MBULANCE

AMBULANCE

AMBULANCE OST

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 tailormade 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.

QUALITYAMBOLANCE

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

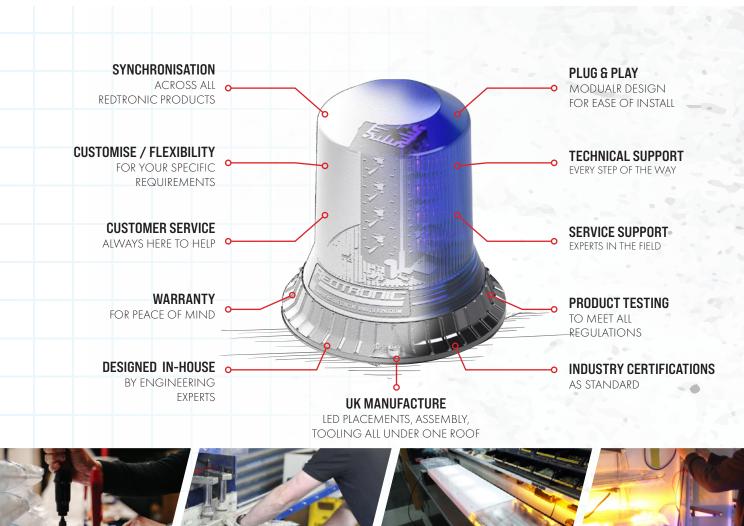
Redtronic warranties are serviced directly from the UK. Buying from reputable brands guarantees quality and reliability. Redtronics technical team are available to deal efficiently with any enquiry within the quickest possible timeframe.



REDTRONIC // BEHIND EVERY PRODUCT

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





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

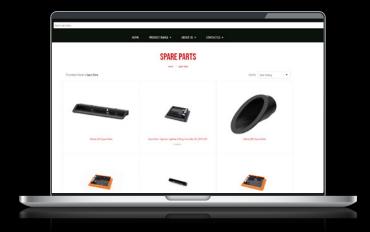
When you choose Redtronic, you're making an investment in quality. Our products are designed and manufactured right here in the UK, ensuring the highest standards of craftsmanship. And to give you peace of mind, we back our products with a solid warranty.

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.







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

- // FULL PRODUCT INFORMATION
- // INSTALLATION GUIDES
- // 360° VIEW OF PRODUCTS
- // ONLINE LIVE CHAT
- // ORDER SPARES ONLINE

- // BESPOKE PRODUCT CONFIGURATION
- // ORDER ONLINE
- // PRODUCT VIDEOS
- // DATASHEETS







WE'RE HERE TO HELP GET IN TOUCH WITH OUR FRIENDLY TEAM

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