REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS

EMERGENCY SERVICES SOLUTIONS

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

WWW.REDTRONIC.CO.UK

MANUFACTURED IN THE
UNITED KINGDOM

OUR FACILITIES

www.redtronic.co.uk

40 **R**
YEARS OF INNOVATION
EST.1983
Supporting Emergency & Safety Services

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

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

// 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.

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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

MARKED SOLUTIONS

DISCRETE MINIATURE LIGHTS
ADDITIONAL WARNING SIGNALS

LIGHTBARS
FULL 360 VISIBILITY, MULTIPLE OPTIONS

DIRECTIONALS
WIDE ANGLE & HIGH INTENSITY

INNOVATIVE HIDDEN SOLUTIONS
LEADING THE MARKET

DASH & DECK MOUNTS
TEMPORARY OR PERMANENT

SIRENS & SPEAKERS
POWERFUL, QUICK & 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.

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COVERT SOLUTIONS

HIGHLY COVERT DIRECTIONALS
MARKET LEADING INNOVATIVE CONCEPTS

MULTIPLE SHROUDS FOR DIRECTIONALS
CUSTOMISED OPTIONS

DIRECTIONALS WITH TINTED LENSES
ECE R65 COMPLIANT

DISCRETE & SELF CONTAINED CONTROL SYSTEMS
HIDDEN FROM SIGHT

DISCRETE MINIATURE LIGHTS
ADDITIONAL WARNING SIGNALS

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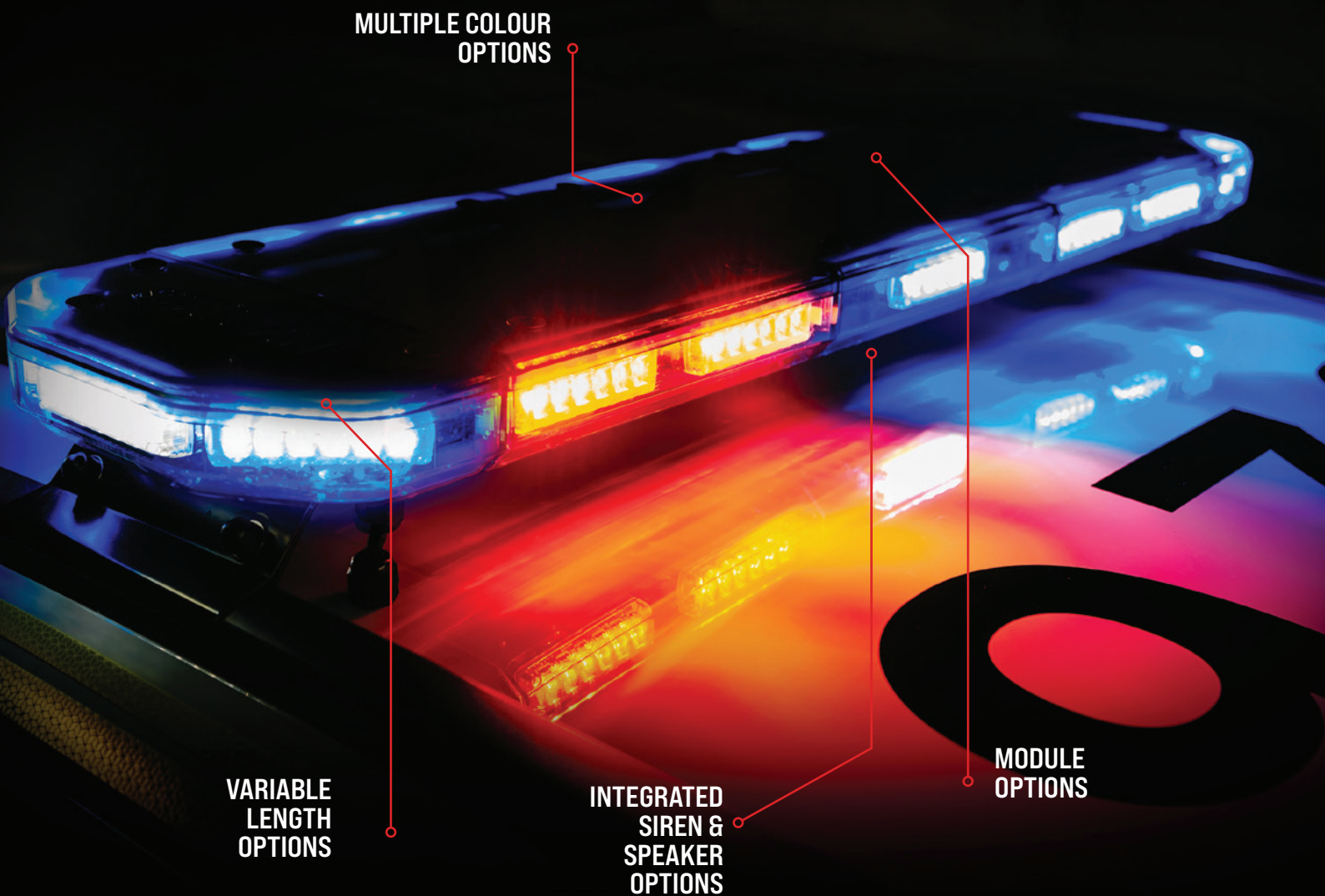
With configurable tint kits & product specific mounting options. These cutting-edge solutions are designed to provide a discreet solution without compromising visibility, quality or functionality.

LIGHTBAR SOLUTIONS

MULTIPLE COLOUR OPTIONS

VARIABLE LENGTH OPTIONS

INTEGRATED SIREN & SPEAKER OPTIONS

MODULE 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.
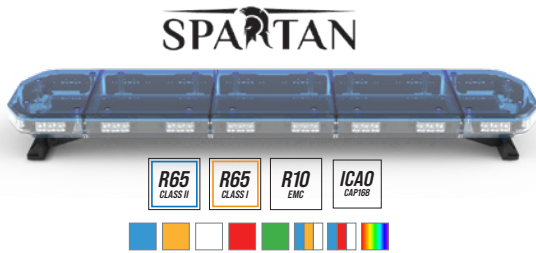
LIGHTBARS // SPARTAN

SPARTAN

CONFIGURED BY YOU // DELIVERED BY US

SELECT YOUR LENGTH	**SELECT YOUR MODEL**	**SELECT YOUR LED COLOUR**	**SELECT YOUR LENS COLOUR**	**SELECT YOUR FEATURES**	**SELECT YOUR MOUNTING OPTIONS**

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.
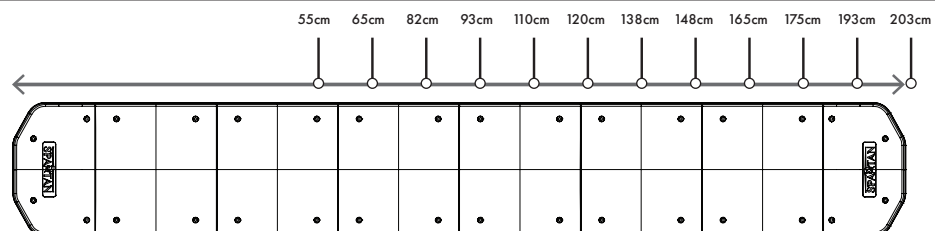
SPARTAN

R65 CLASS II · R65 CLASS I · R10 EMC · ICAO CAP168

- 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

SPARTAN Elite

R65 CLASS II · R65 CLASS I · R10 EMC · ICAO CAP168

- 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

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

55cm 65cm 82cm 93cm 110cm 120cm 138cm 148cm 165cm 175cm 193cm 203cm
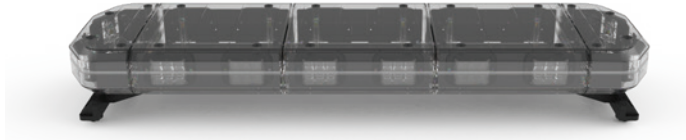
LIGHTBARS // DSFX

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.

LIGHTBARS // DSFX
When a big presence is required

DSFX

R65 CLASS II **R65** CLASS I **R10** EMC **ICAO** CAP168

- 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:	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

BULLITT

BULLITT ADVANCED

R65 CLASS II **R65** CLASS I **R10** EMC **ICAO** CAP168

- 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

MANUFACTURED IN THE **UNITED KINGDOM**

LIGHTBARS // FOOTPACKS

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

EM108UF - UNIVERSAL FOOTPACK (STANDARD)

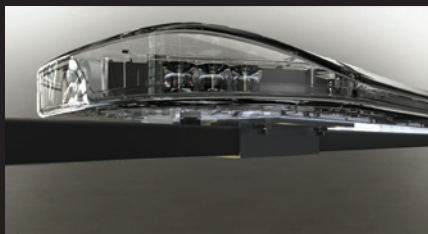
EM102SC - SUCTION MOUNT

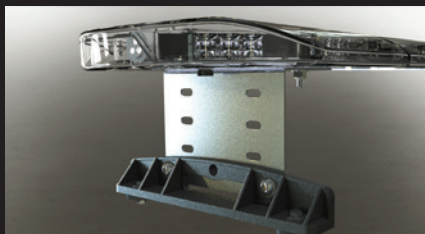
EM102RFSS - MAGNETIC MOUNT

EM108RRB - ROOF RAIL BRACKETS

EM108GMUF - GUTTER MOUNTS

EM108RRC - ROOF RAIL CLAMPS

EM108RBB - ROOF BAR BRACKETS

EM108UHP - HIGH PROFILE BRACKETS

EM108RBC - ROLL BAR CLAMPS

TRAFFIC DIRECTOR // WARNING BAR

TRAFFIC DIRECTOR

R65 CLASS II | R65 CLASS I | R10 EMC | ICAO CAP168 | IP69K

- 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

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
10 COLOURS IN 1 LIGHT HEAD!

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

| R10 EMC | ICAO CAP168 | IP69K |

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)	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 CLASS I R65 CLASS I	R65 CLASS II R65 CLASS I	R65 CLASS II R65 CLASS I	R65 CLASS II R65 CLASS 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

| R65 CLASS II | R65 CLASS I | R10 EMC |

INFINITY STX

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

R65 CLASS II	R65 CLASS II	R10 EMC	ICAO CAP168	IP69K

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.
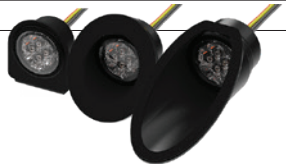

INFINITY BB4

- 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

| R65 CLASS I | R65 CLASS I | R10 EMC | ICAO CAP168 | IP69K |

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

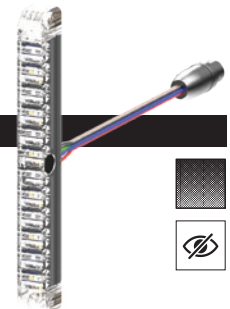| R65 CLASS II | R65 CLASS II | R10 EMC | ICAO CAP168 | IP69K |

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

| R65 CLASS II | R65 CLASS II | R10 EMC | ICAO CAP168 | IP69K |

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

DIRECTIONALS // STAR RANGE

STAR

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

R65 CLASS I | R10 EMC | ICAO CAP16B | IP69K

Mounting Shroud Options

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

R65 CLASS I | R10 EMC | ICAO CAP16B

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

R65 CLASS I | R10 EMC | ICAO CAP16B

In order to protect the undetectable and covert purpose of these products Redtronic does not actively promote installed application images.
Police forces should contact us direct for such images.

MANUFACTURED IN THE
UNITED KINGDOM

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,

R65 CLASS I R65 CLASS I   R10 EMC   ICAO CAP168   IP69K

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,

R65 CLASS II R65 CLASS II   R10 EMC   ICAO CAP168   IP69K

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

R65 CLASS II R65 CLASS II   R10 EMC   ICAO CAP168   IP69K

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

R10 EMC

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

INFINITY SP2

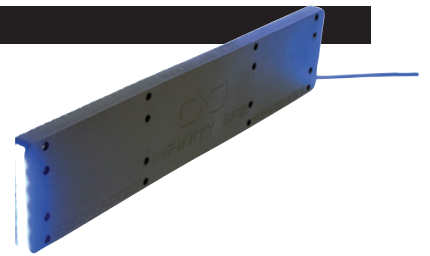### WORLD'S SLIMMEST, FLEXIBLE HYBRID STEALTH PLATE

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,

R65 CLASS II · R65 CLASS II · R10 EMC · ICAO CAP16B · IP69K

// TOP PODS

// SIDE

// TOP PODS & SIDE

+44 (0)1422 310999 // INFO@REDTRONIC.CO.UK // WWW.REDTRONIC.CO.UK

MANUFACTURED IN THE
UNITED KINGDOM

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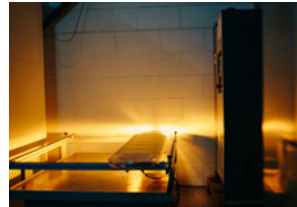
// WATER CHAMBER
Water tests verify the integrity of enclosures, covers and seals. The water chamber enables Redtronic to test to IP69K.

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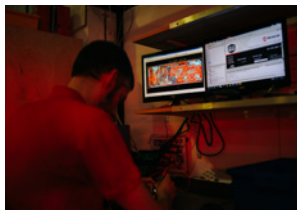
// DURABILITY TEST
Warning lights are regularly durability tested throughout each of the production processes, on average approximately five separate occasions.

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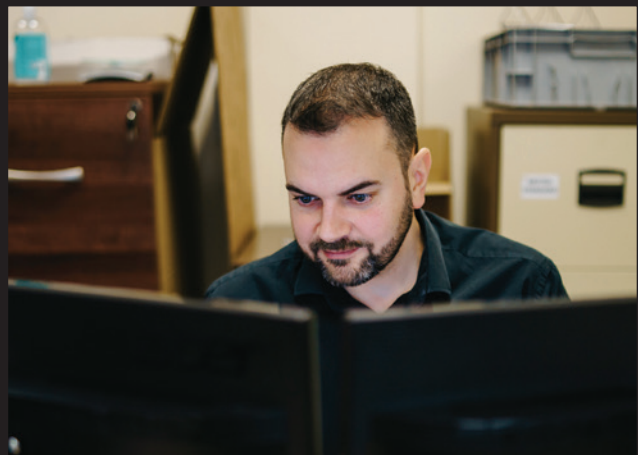
// DUST CHAMBER
The dust chamber also allows us to provide customers accurate IP ratings relating to dust/dirt and particle ingress.

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
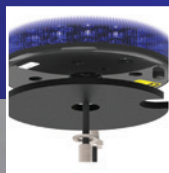
TORNADO MICROBAR & BEACONS
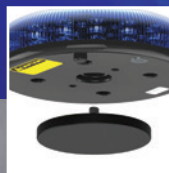
ROBUST, COMPACT & RELIABLE

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

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 | R65 CLASS II | R10 EMC | ICAO CAP168 | 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 CLASS I | R65 CLASS I | R10 EMC | ICAO CAP168 | CISPR 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 | R65 CLASS I | R10 EMC | ICAO CAP168 | 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 | R10 EMC | ICAO CAP168 | 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.

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

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

R10
EMC

MANUFACTURED IN THE
UNITED KINGDOM

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, 20w digital siren

R10 EMC   IP69K

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

R10 EMC   IP69K

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

R10 EMC   IP

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 0hm
Frequency range	360 - 1750Hz
Nominal power	60w or 100w selectable (Day / Night)

R10 EMC   IP66

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 0hm
Frequency range	180 - 700Hz
Nominal power	100W

R10 EMC   IP66

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 0hm
dB Output	113.1dB
Nominal power	150W

R10 EMC   IP66

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.

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UNITED KINGDOM

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
- IP54 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

R65 CLASS II | R10 EMC | ICAO CAP168 | IP54

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
- IP54 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

R65 CLASS II | R10 EMC | ICAO CAP168 | IP54

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

R65 CLASS II | R65 CLASS I | R10 EMC | ICAO CAP168 | DEKRA | IP54

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

R65 CLASS II | R65 CLASS I | R10 EMC | ICAO CAP168 | DEKRA | IP54

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

R10 EMC   IP66

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

R10 EMC   IP66

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

MANUFACTURED IN THE
UNITED KINGDOM

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

R10 EMC   IP67

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
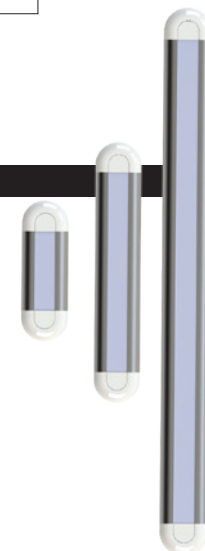- Polycarbonate lens
- 1 year warranty

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

R10 EMC   IP67

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

R10 EMC   IP67

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

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

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 // BEHIND EVERY PRODUCT

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

SYNCHRONISATION
ACROSS ALL
REDTRONIC PRODUCTS

CUSTOMISE / FLEXIBILITY
FOR YOUR SPECIFIC
REQUIREMENTS

CUSTOMER SERVICE
ALWAYS HERE TO HELP

WARRANTY
FOR PEACE OF MIND

DESIGNED IN-HOUSE
BY ENGINEERING
EXPERTS

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

PLUG & PLAY
MODUALR DESIGN
FOR EASE OF INSTALL

TECHNICAL SUPPORT
EVERY STEP OF THE WAY

SERVICE SUPPORT
EXPERTS IN THE FIELD

PRODUCT TESTING
TO MEET ALL
REGULATIONS

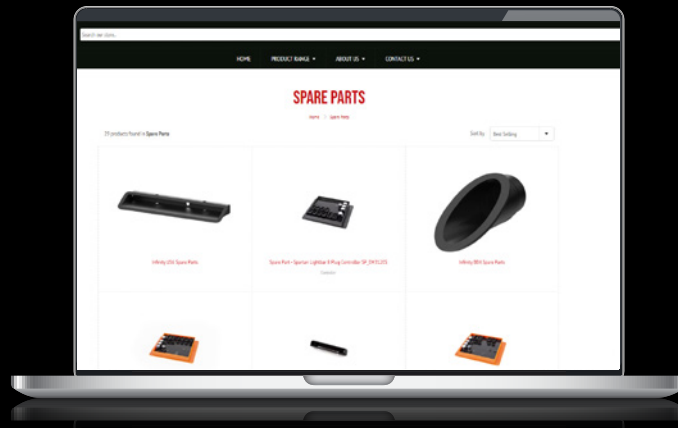**INDUSTRY CERTIFICATIONS**
AS STANDARD

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

WWW.REDTRONIC.CO.UK

REDTRONIC
VEHICLE WARNING AND SAFETY SOLUTIONS

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

📞 +44 (0)1422 310999   ✉ INFO@REDTRONIC.CO.UK

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