Emergency Service
and Utility Vehicle Warning systems

Catalogue

Lightbars

Lamps & Lighting

Sirens & Speakers

Controllers & Switching

Auxiliary Items

Camera Equipment

Installation & Service

Lightbars

Lamps & Lighting

Sirens & Speakers

Controllers & Switching

Auxiliary Items

Camera Equipment

Installation & Service

PREMIER HAZARD®
WARNING THE WORLD

Part of the Public Safety Equipment
(PSE) group of companies

Premier Hazard ltd

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www.premierhazard.co.uk

PREMIER HAZARD®
WARNING THE WORLD

Ordering to delivery it couldn't be easier….

1. Telephone Premier Hazard on: **+44 (0)113 239 1111** and speak to one of our Customer Service Team.

2. Email our Customer Service Team at: **sales@premierhazard.co.uk**.

3. Or fax to: **+44 (0)113 239 1131**

SPARES

All spares available for 24 hour delivery within the UK.

Part of the Public Safety Equipment (PSE) group of companies

PREMIER HAZARD LTD
Tel: +44 (0)113 239 1111
E sales@premierhazard.co.uk

The Department of Transport / Highways Agency Chapter 8 (Summary) requires that any vehicle stopping on the highway, for working or inspection purposes, must have fitted two independent Amber Beacons or a Lightbar with at least two light units complying with ECE Regulation 65.

For further information or assistance with this please contact out internal sales team.

Resourceful, reliable and responsive

Founded in 1983, Premier Hazard is renowned for being one of the world's leading manufacturers of innovative lighting and warning systems, for a variety of applications.

Premier Hazard provides solutions to its customers, who include Emergency, Rescue, Utility and Recovery Services, for all vehicle hazard-warning requirements.

With a worldwide customer base, covering more than 100 countries, quality is of paramount importance for all equipment supplied.

Premier Hazard is the only UK hazard warning equipment manufacturer, with a full suite of in house test facilities, including Photometric, Vibration, Water Ingress, Salt fog, Humidity and Hot/Cold chambers all of which are used to ensure products meet and exceed required European regulations and our own exacting quality standards.

With new technology accelerating change in all main sectors, Premier Hazard has to be one step ahead, to ensure it can always provide the latest solution, purposely designed, to meet the challenging demands of its many customers. This is why the Premier Hazard product range is always developing, to include the latest technology for Lightbars, LED lighting, Sirens and speakers, control systems, along with Vehicle mounted Camera and Digital Video Recording systems.

Contents

PREMIER HAZARD®
WARNING THE WORLD

Accreditations

Premier Hazard currently hold a number of accreditations for quality and performance, which have been awarded following assessment by many of our world class vehicle manufacturing customers

Premier Hazard have been accredited with BS EN ISO9001/2000, and have also achieved ISO 14001:2004 for environmental standards

Certificate EMS 73903
Premier Hazard have been credited with BS EN ISO14001:2004

ISO9001:2000
Premier hazard operate a quality management system which complies with the requirements of BS EN ISO9001:2000

CAD Facilities

■ CAD data transfer with all major 3D systems
■ 10 CAD seats:
  • Unigraphics 3D NX3
  • AutoCAD 2D
■ Data link to in-house CNC milling machine for rapid prototype parts

Environmental Laboratory

Facilities include

■ Salt fog – ASTM B117	■ Cold chamber to -70°C
■ Humidity – BLS programmable	■ Hot chamber to +125°C
■ Water ingress - ISO/SAE	■ Scada control system
■ Dust ingress	■ EMC Test Chamber

Vibration Test Rig

Vibration machine / amplifier

■ 51mm peak to peak   ■ 500kg max. Static load
■ 90G max. Acceleration

Testing for

■ Shock   ■ Random
■ Sine sweep   ■ PSD from customer data
■ Sine tone   Portable data logger with
                        Tri-axial accelerometer

Photo-metrics Laboratory

Surface Light Measurement

Light Intensity Measurement

EMC Approvals

Our products are approved to EMC EC Directives and ECE Regulations. Other EMC approvals can be obtained if required.

Defender™ Lightbar

SUPERIOR FROM EVERY ANGLE

The Defender lightbar features the truly unique TriCore™ technology, which constitutes a quantum leap forward in signal brightness – far exceeding the intensity and quality of any system.

Unlike traditional LED lightbars that drop off at key angles, TriCore™ maintains it's astonishing visibility a full 360 degrees.

This is significantly safer and offers increased visibility to drivers at all angles. It also provides greater distance visibility for approaching drivers allowing for more reaction time.

This means that whether you're moving in pursuit mode, through narrow roadways or stopped in a difficult and challenging position on a side road or busy highway , - the new TriCore™ light technology will offer greater protection and confidence than any other product!

The Defender lightbar offers fantastic brightness and will directly assist in warning and clearing traffic in any weather conditions. At the 45° key 'intersection angle' it is 2^1/$_2$ times brighter than any other lightbar, providing extra lighting warning and protection where it is needed most, allowing the officers greater confidence at areas of limited off-angle visibility.

It has a 'weather seal' that protects the components from the rain, spray, traffic grime and algae build-up.

Over twice as bright as any other Lightbar

Improved thermal management within the Defender lightbar also ensures all components are kept cooler than any other lightbar in the market, reducing the risk of operational failures that can compromise officer safety.

With the addition of dimming mode for night time activity the Defender lightbar offers an unequalled level of hazard warning.

Being totally modular, it is available in a variety of sizes from 23" up to 94" in length.

Available Lengths: 23", 35", 44", 47", 52", 58", 70", 80", 94"

Height:	2.5"
Diameter:	13.5"

- Unique patented lighthead display using TriCore™ Technology
- 7000 candela at peak intensity
- 2-2.5 times brighter that any top end lightbar on the market at 45 degree and 60 degree intersection angles
- Intensely brighter alley and takedown lights than traditional halogen or LED

- 2 times brighter signal from rear of lightbar
- Improved central control activity
- Dimming Mode
- Improved thermal management, reducing component failures
- Modular lens design

Ultimax

Available with **TriCore** TECHNOLOGY

Height:	138mm (5.4")
Width:	346mm (13.6")
Length:	Up to 2070mm (82")

Other lengths

895mm (35")
1118mm (44")
1245mm (49")
1372mm (54")
1473 (58")
1626mm (64")
1727 (68")
2070mm (82")

Lens Colours

Amber   California Blue   Clear

E Blue   Red   Sky Blue

Options

- LED's
- Rotator Assemblies
- Halogen Warning
- Strobe Heads
- Strobe Power Supplies
- Signs & Grilles
- Spot/Flood Lighting
- Infosigns
- Speakers
- Roof Connector
- Arrow Bar

- 360° and standard LED options
- Low profile, two layer aerodynamic design
- Polycarbonate lens
- Effective lens seal
- Designed to use latest intensity LED directional lights
- Halogen and strobe options available
- Can be built as a single layer lightbar
- Rotating flash pattern available with new 360 degree LED's
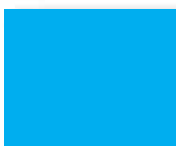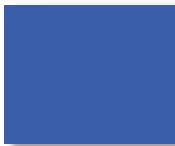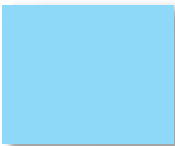- Reg 65 Class 1 Blue options

Optional bespoke lettering, logo's and a variety of non standard options are available for all Premier Hazard Ultimax lightbars.

TriCore™ lighthead available for complete bar configuration only.

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Lightbar Cover

Wind Tunnel Tested
130mph/208kph

Traffic Max II

The Traffic Max II features an incredibly bright light output, using latest Prism LED technology, in an ultra-sleek, strong design. Available in sizes 22" to 80"

Standard 44" Model

Height:	69mm
Width:	310mm
Length:	1118mm (44")

It uses the super bright Prism reflector LCD unit with a five year guarantee. It is totally encased in a strong, fully tested polycarbonate enclosure that protects all components from water ingress, dirt, grime and other corrosive elements associated with everyday usage of high performance traffic vehicles.

Optional LED Alley and Take Down Lights

- Exceptional light output, using latest generation LED's
- Low Amp draw
- Extruded aluminum frame
- Clear Polycarbonate lenses
- Available in flashing or Steady-Burn versions
- Ultra-low profile
- Mounting kits available separately

- 12 volt Reverse Polarity protected
- Simple one touch flash pattern select
- Flash/Steady Burn option for Takedown and Alley lights
- Alternating Rear Red's
- LED dimming facility as standard
- Cruise light option as standard
- Blue or Amber
- Reg 65 Class 1 Blue option

Lightbar Cover

Lightbar Layout

12 x B (c)		REAR		12 x B (c)

	3 x B	3 x R	3 x B	3 x B	3 x B	3 x B	3 x R	3 x B

	12 x B	3 x W	3 x B	3 x B	3 x W	12 x B

12 x B (c)		FRONT		12 x B (c)

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Traffic Max

Octagon Light Bar

The Traffic Max features an incredibly bright light output, using low power consumption and latest generation LED's in an ultra-sleek, strong design.

Height:	53mm (2.1")
Width:	311mm (12.25")
Length:	up to 1070mm (42")

Weight: 12.7kg

- Exceptional light output, using latest generation LED's
- Low Amp draw
- Extruded aluminum frame
- Clear Polycarbonate lenses
- Available in flashing or Steady-Burn versions
- Ultra-low profile
- Mounting kits available separately
- Blue or Amber
- Reg 65 Class 1 Blue option

The totally encased lightbar that eliminates the ingress of dirt, water, grime and other corrosive elements associated with everyday usage of high performance traffic vehicles

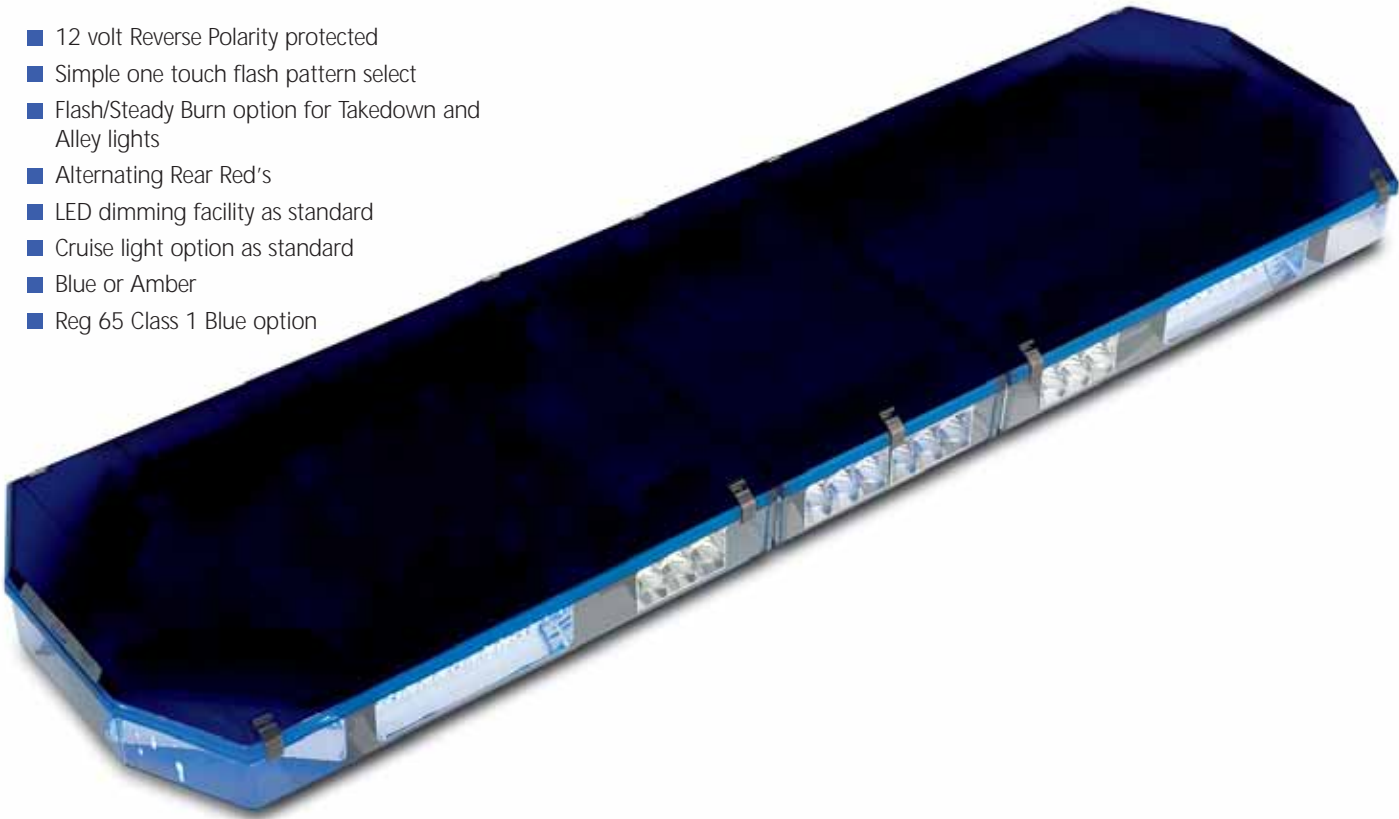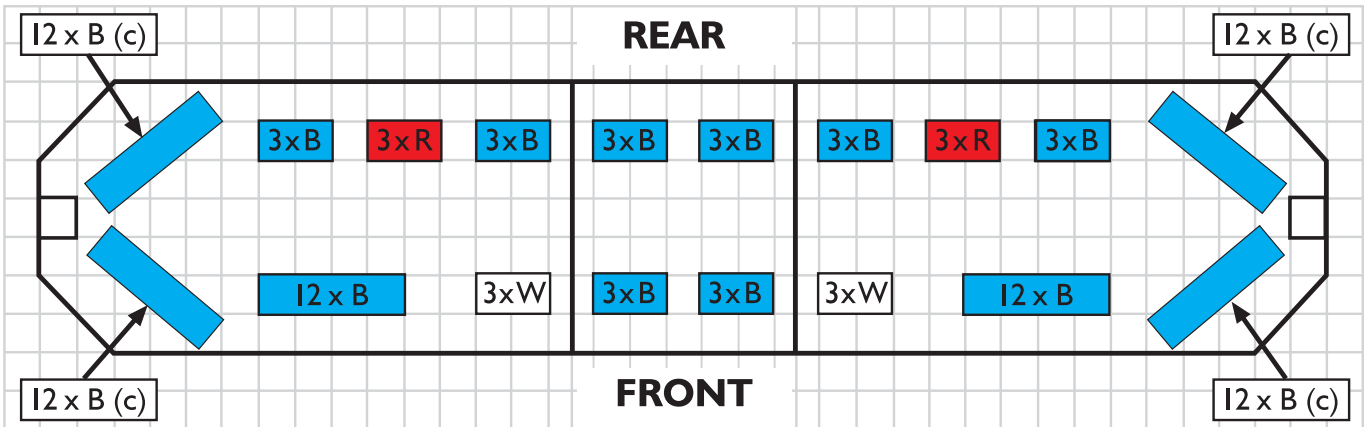*CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.*

Height:	65mm
Width:	278mm
Length:	422mm

Octagon 40/60

- Super wide XtraLite LED's
- 26 Built in flash patterns
- Multi unit synchronisation
- Dual Voltage
- Permanent or magnetic mount

Popular Models

LL688-102	Amber
LL688-103	Blue
MK688-000	Permanent Mounting Kit
MK688-104	Magnetic Mounting Kit: to both models

Octagon TriLite

L

- TriLite LED units
- 26 Built in flash patters
- Multi unit synchronisation
- Dual Voltage
- Permanent or magnetic mount

A compact, super bright all LED light bar for either temporary or permanent fit to a variety of emergency service vehicles.

Popular Models

LL688-100	Amber
LL688-101	Blue
MK688-000	Permanent Mounting Kit

Midimax

Available with TriCore TECHNOLOGY

Height:	117mm (4.6")
Width:	290mm (11.4")
Length:	Up to 2336mm (92")

- Standard LED options
- Now available with low profile speaker
- Halogen, strobe options available
- Gear driven rotators for long life
- Rotators wired in pairs
- Integral alley lights
- Easy maintenance, quick release one piece lenses
- UV stabilised polycarbonate lenses
- Reg 65 Class 1 & 2 Blue option
- Reg 65 Class 1 Amber option

Optional bespoke lettering and logo's available for all Premier Hazard lightbar illuminated centre sections.

TriCore™ lighthead available for complete bar configuration only.

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Lightbar Cover

Wind Tunnel Tested
130mph/208kph

Dual integral alley lights

Low Profile Speaker

Other lengths

510mm (20")
694mm (27")
849mm (33")
1036mm (41")
1114mm (44")
1214mm (48")
1374mm (54")
1476mm (58")
1741mm (68")
1858mm (73")
1958mm (77")
2118mm (83")
2336mm (92")

Lens Colours

Amber	California Blue	Clear	Green
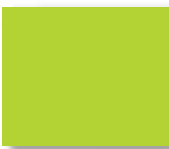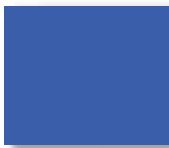
E Blue	Magenta (not EU)	Red

Options

- **LED's**
- **Halogen Warning**
- **Strobe Heads**
- **Strobe Power Supplies**
- **Signs & Grilles**
- **Spot/Flood Lighting**
- **Speakers**
- **Roof Connector**

Lomax

Height:	90mm (3.5″)
Width:	290mm (11.4″)
Length:	Up to 1741mm (68″)

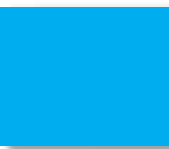## Other lengths

510mm (20″)
694mm (27″)
849mm (33″)
1036mm (41″)
1117mm (44″)
1214mm (48″)
1374mm (54″)
1476mm (58″)
1741mm (68″)

Lens Colours

Amber	California Blue	Clear	Green

E Blue	Magenta (not EU)	Red

- Standard LED options
- Aerodynamic design for minimal wind resistance on high speed vehicles
- New strobe power supplies and heads for higher visibility and increased reliability
- Easy maintenance, quick release one piece lenses
- UV stabilised polycarbonate lenses
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Optional LED Alley and Take Down Lights

Optional bespoke lettering and logo's available for all Premier Hazard lightbar illuminated centre sections.

Lightbar Cover

Wind Tunnel Tested
130mph/208kph

Roof connector

Options

- LED's
- Halogen Warning
- Strobe Heads
- Strobe Power Supplies
- Signs & Grilles
- Spot/Flood Lighting
- Speakers (raised centre required)
- Roof Connector

Optimax

Height:	130mm (5")
Width:	290mm (11.4")
Length:	Up to 1741mm (68")

Other lengths

510mm (20")
694mm (27")
849mm (33")
1036mm (41")
1114mm (44")
1214mm (48")
1374mm (54")
1476mm (58")
1741mm (68")

Lens Colours

Amber　　California Blue　　Clear

E Blue　　Green　　Red
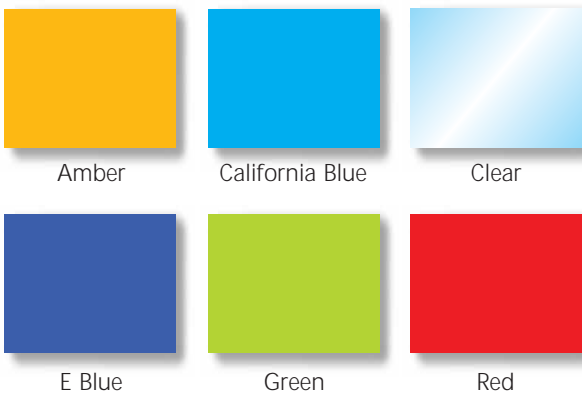
Options

- LED's
- Rotator Assemblies
- Halogen Warning
- Strobe Heads
- Strobe Power Supplies
- Signs & Grilles
- Spot/Flood Lighting
- Infosigns
- Speakers
- Roof Connector

- Exceptional light output with a combination of 360° and standard LED options
- Gear driven halogen rotators for long life
- Easy maintenance, quick release one piece lenses
- UV stabilised polycarbonate lens
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

Optional bespoke lettering and logo's available for all Premier Hazard lightbar illuminated centre sections.

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Lightbar Cover

Wind Tunnel Tested
130mph/208kph

9AK Kit

Maxim

Height:	140mm (5.5″)
Width:	330mm (13″)
Length:	Up to 2540mm (100″)

Other lengths

255mm (10″)	1470mm (58″)
390mm (15″)	1590mm (63″)
510mm (20″)	1710mm (67″)
630mm (25″)	1830mm (72″)
750mm (30″)	1950mm (77″)
870mm (34″)	2070mm (82″)
990mm (39″)	2190mm (86″)
1110mm (44″)	2310mm (91″)
1230mm (48″)	2540mm (100″)
1350mm (53″)	

Lens Colours

Amber   California Blue   Clear

E Blue   Green   Red

Options

- LED's
- Rotator Assemblies
- Halogen Warning
- Strobe Heads
- Strobe Power Supplies
- Camera Bracket
- Signs & Grilles
- Spot/Flood Lighting
- Infosigns
- Speakers
- Roof Connector

- Lens sections allowing a combination of lens colours along the length of the bar both front and rear
- Halogen, LED and strobe options available
- Gear driven rotators for long life
- Rotators wired in pairs
- UV stabilised polycarbonate lenses
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

CONTACT OUR SALES TEAM TO DISCUSS YOUR BESPOKE SPECIFICATION.

Wind Tunnel Tested

130mph/208kph

Optional bespoke lettering and logo's available for all Premier Hazard lightbar illuminated centre sections.
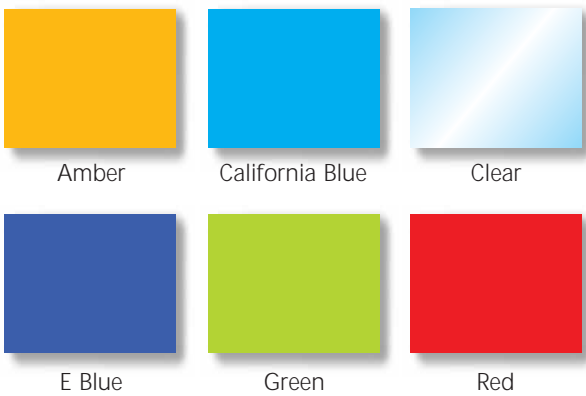
Lightbar Cover

Roof connector

There's nothing like the dual-decks of the MX 7000® for giving you the power and flexibility to get everything you want from a performance lightbar. You get primary unobstructed signal protection from upper-deck rotators and mirrors, while the lower-deck is dedicated to providing a variety of special purpose lights - including the highly acclaimed built-in ArrowStick®.

Height:	146mm (5.75″)
Width:	311mm (12.25″)
Length:	Up to 2032mm (80″)

- Extruded aluminum frame
- Polycarbonate lenses
- Amber or clear lens with filter options
- H1 55 watt Halogen rotating assemblies
- Mounting kits sold separately
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

Weight: 18kg

Height:	130mm (4.4″)
Width:	205mm (8.2″)
Length:	420mm (16.5″)

- UV stabilised polycarbonate lenses
- Flexible magnetic mounting with additional suction suitable for curved or flat roofs, Halogen only
- Colours: Amber, blue, clear, green, magenta & red (magenta not approved for European use at time of publication)
- Single voltage application:
  12v rotators 55w bulb @ 4.5 amps
  24v rotators 70w bulb @ 3.0 amps
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

Weight: 1.3kg

9420 Four bolt fixing

Popular Models	
E9420-H-12-A	halogen, 12v, amber
9420-H-12-B	halogen, 12v, blue
E9420-H-12-EB	halogen, 12v, E blue
9420-H-12-C	halogen, 12v, clear
9420-H-12-G	halogen, 12v, green
9420-H-12-M	halogen, 12v, magenta
9420-H-12-R	halogen, 12v, red
Also available in 24V **9420-H-24-A**	

Weight: 2.64kg

9420MBR Magnetic mount

70mph [112kph]

Popular Models	
E9420MBR-H-12-A	halogen, 12v, amber
9420MBR-H-12-B	halogen, 12v, blue
E9420MBR-H-12-EB	halogen, 12v, E blue
9420MBR-H-12-C	halogen, 12v, clear
9420MBR-H-12-G	halogen, 12v, green
9420MBR-H-12-M	halogen, 12v, magenta
9420MBR-H-12-R	halogen, 12v, red
Also available in 24V **9420MBR-H-24-A**	

Weight: 2.3kg

Dual voltage strobe

9492 Four bolt fixing/dual voltage

Popular Models	
9492-S-DV-A	strobe, 12/24v, amber
9492-S-DV-B	strobe, 12/24v, blue
9492-S-DV-C	strobe, 12/24v, clear
9492-S-DV-G	strobe, 12/24v, green
9492-S-DV-M	strobe, 12/24v, magenta
9492-S-DV-R	strobe, 12/24v, red

Magnetic Mount Beacons

These magnetic beacons are intended for temporary use and may detach at speeds above those indicated.

Height:	125mm (5")
Width:	268mm (10.5")
Length:	394mm (15.4")

- UV stabilised polycarbonate lenses
- Heavy duty nickel coated magnets & rubber covers
- Colours: Amber, blue, clear, green & red

Weight: 2kg

9200 Four bolt fixing

Popular Models

9200-H-12-A	halogen, 12v, amber
9200-H-12-B	halogen, 12v, blue
9200-H-12-EB	halogen, 12v, E blue
9200-H-12-C	halogen, 12v, clear
9200-H-12-G	halogen, 12v, green
9200-H-12-R	halogen, 12v, red

Also available in 24V eg **9200-H-24-A**
Current draw   12v 9amp   24v 6amp

Weight: 3kg

9200M Magnetic mount

70mph [112kph]

Popular Models

9200M-H-12-A	halogen, 12v, amber
9200M-H-12-B	halogen, 12v, blue
9200M-H-12-EB	halogen, 12v, E blue
9200M-H-12-C	halogen, 12v, clear
9200M-H-12-G	halogen, 12v, green
9200M-H-12-R	halogen, 12v, red

Also available in 24V eg **9200-H-24-A**
Current draw   12v 9amp   24v 6amp

Magnetic Mount Beacons

These magnetic beacons are intended for temporary use and may detach at speeds above those indicated.

With two rotators & one directional strobe

Weight: 3kg

9295DM Magnetic
with cigar connector & lead

70mph [112kph]

Popular Models

9295DM-HS-12-A	halogen-strobe, 12v, amber
9295DM-HS-12-B	halogen-strobe, 12v, blue
9295DM-HS-12-C	halogen-strobe, 12v, clear
9295DM-HS-12-G	halogen-strobe, 12v, green
9295DM-HS-12-R	halogen-strobe, 12v, red
9295D-HS-12	without cigar connector & lead

Current draw   12v 11amp   24v 9amp

With two rotators & two alternating halogen lights

Weight: 2kg

9222 Four bolt fixing

70mph [112kph]

Popular Models

9222-H-12-A	halogen, 12v, amber
9222-H-12-ARI	halogen, 12v, amber/red inserts
9222-H-12-B	halogen, 12v, blue
9222-H-12-BRI	halogen, 12v, blue/red inserts
9222-H-12-EB	halogen, 12v, E blue
9222-H-12-C	halogen, 12v, clear
9222-H-12-G	halogen, 12v, green
9222-H-12-GRI	halogen, 12v, green/red inserts
9222-H-12-R	halogen, 12v, red

Also available in 24V eg **9222-H-24-A**
Current draw   12v 15amp   24v 12amp

The Info Sign is a rear deck message sign providing roadway communication to approaching traffic. It is a complete warning package including arrow warnings (left, right, centre out and flash), flashing text and scrolling text displayed using a high-intensity LED array. The sign is highly visible in bright sunlight and incorporates a dimmer function for night-time use.

In addition to low current draw, one of the LED's features is a long life performance rating of over 100,000 hours. Solid state LED design ensures durability against road shock and vibration providing low maintenance and extended life span. Can store up to 80 programmed messages incorporating both text and symbol. Messages can be displayed both fixed, flashing or scrolling. Quick, push button, message selection. Motorised activation allows unit to remain concealed until the sign is activated. Available for pop up or pop down positioning and in 'stand alone' format for light bar mounting.

Controller and 18" cable included. CD Rom for programming.

Covert Info Sign

Height:	4"
Weight:	20"
Depth:	2.5"

Product Specifications

Available colours	A-Amber, R-Red
CPL (Characters/Line)	8
LED rating	100,000 hrs
External mount	Yes
Programmable messages	80
Text messaging	Yes
Symbols	Yes
Fixed message	Yes
Scrolling message	Yes
Arrow message	Yes

Arrowbars to suit a wide range of applications

Traffic direction at the touch of a button with sizes ranging from 965mm (38″) to 1194mm (47″)

Trafficmaster

Height:	69.85mm
Length:	1066.8mm

- 168 LED's
- Waterproof for external mounting
- Built in flash patterns
- Directional and Warning patterns
- Dual voltage
- Memory recall of last flash pattern used
- 25 ft cable
- Control box and mount kit included
- 25 ft cable

Part Number

PHTMLLEDA

ArrowStik®

Height:	68mm
Length:	973/1195mm
Depth:	110mm
Weight:	6kg

- Available in two lengths with either 8 or 10 light heads
- 12v or 24v halogen heads
- Various warning patterns

ArrowStik® Options

0ASB-C   Standard ArrowStik® controller 12v or 24v
0ASD-C   Deluxe ArrowStik® controller 12v or 24v

Spare Parts

550930   28v 32v for A5839-847

Quick Release Connectors

Allows you to separate a vehicle's lightbar from its cable with a quarter turn of the connecter.

- A gasket provides a seal between the housing and the vehicle roof.
- Connector assembly includes a rubber boot, which provides a watertight seal over the connectors once attached, and a plastic loom, which protects the wires entering a lightbar.
- Connector housing is permanently mounted to the rooftop of the vehicle with four screws and protects the female end of the 23 pin connector.

Roof Mount Kits

- One of the strongest lightbar roof mounting kits available.
- Fully adjustable so the plane of the lightbar can be changed through all critical angles.
- Universal fit.
- Secure allen key locking nuts.
- Allows for various roof contours.

Beacons

360° LED Beacon

Height:	130mm (5")
Width:	290mm (11.4")

L

- Dual Voltage
- 30 Flash Patterns
- Clear lens coloured LED's
- Upward Lighting
- 360 degree Vertical and Horizontal Coverage
- Bolt or Magnetic Mount
- Reg 65 Class 1 Blue option

Bolt Mount

LB745-000	Blue
LB745-004	Red
LB745-002	Amber

ECE REG 65

LB745-006	Blue

Magnetic Mount

LB745-001	Blue
LB745-005	Red
LB745-003	Amber

390 Series

Flexible fixing including single bolt, three bolt, magnetic and plug-in
Compact but powerful halogen rotating beacon

- UV stabilised polycarbonate lens
- Lens colour: amber, blue, E blue, clear, green, red
- Single voltage application: 12v rotator 4.5amps @ 55watts
                                     24v rotator 3 amps @ 70watts
- Rotation speed 160/min standard
- Reg 65 Class 1 Blue and Amber option
- Chapter 8 Amber option

Diameter:	153mm
Height:	165mm
Weight:	0.77kg

390 Three bolt fixing

Popular Models

390.00	Amber
390.01	Blue
390.02	Red

Diameter:	149mm
Height:	206mm
Weight:	0.77kg

391 Single bolt fixing

Popular Models

391.00	Amber
391.01	Blue
391.02	Red

Please specify voltage when ordering

Magnetic Mount Beacons

These magnetic beacons are intended for temporary use and need to be further secured with the use of a fixed lanyard.

Diameter:	149mm
Height:	236mm
Weight:	0.8kg

392 Plug-in bolt fixing

Popular Models

392.00	Amber
392.01	Blue
392.02	Red

Diameter:	149mm
Height:	285mm
Weight:	1.27kg

394 Magnetic Mount

100mph [160kph]

Popular Models

394.70	Amber
394.71	Blue
394.72	Red

Spare Parts for 390 series

802521	Amber lens
802534	Blue lens
802522	Red lens
550100	12v 55w H1 halogen bulb
550200	24v 70w H1 halogen bulb

Lens & Voltage Options

- Lens colours: Amber, Blue, Red
- Single voltage application: 12V or 24V
- 12V rotator: 4.5amps @ 55watts
- 24V rotator: 3amps @ 70watts

Beacons

Diameter:	158mm
Height:	108mm
Weight:	0.4kg

880 Three bolt fixing
(available in 12V or 24V)

Popular Models

880-H-12-A	12v Amber
880-H-12-B	12v Blue
880-H-12-EB	12v E Blue
880-H-12-R	12v Red
880-H-12-G	12v Green

Diameter:	158mm
Height:	132mm
Weight:	0.8kg

880M Magnetic Mounts
(available in 12V or 24V)

70mph [112kph]

Popular Models

880M-H-12-A	12v Amber
880M-H-12-B	12v Blue
880M-H-12-EB	12v E Blue
880M-H-12-R	12v Red
880M-H-12-G	12v Green

Spare Parts for 880 series

301902	Amber lens
301901	Blue lens
301901-E	E blue lens
301900	Clear lens
301905	Green lens
301903	Red lens
103800	Lens clip
900910	12v rotator assembly
901001	24v rotator assembly
550100	12v 55w H1 bulb
550200	24v 70w H1 bulb

Not Approved to Regulation ECE65

- Reg 65 Class 1 approved
- Chapter 8 Amber option

Diameter:	123mm
Height:	179mm
Weight:	1.8kg

B21 Single Bolt Fixing

Popular Models

B21.00.12V
B21.00.24V

Spare Parts

10514.00	Amber Lens, Polycarbonate
H448	12V (55w) Halogen Bulb
H466	24V (70w) Halogen Bulb
27031	Bulb retaining clip

Diameter:	183mm
Height:	162mm
Weight:	1.27kg

100mph [160kph]

B24.70 Magnetic Mount

Popular Models

B24.70.12V
B24.70.24V

Spare Parts

10514.00	Amber Lens, Polycarbonate
H448	12V (55w) Halogen Bulb
H466	24V (70w) Halogen Bulb
27031	Bulb retaining clip

Low profile dimensions

Height:	127mm
Diameter:	147mm

High profile dimensions

Height:	178mm
Diameter:	147mm

- High intensity beacon
- Ideal for airports and internal use
- UV stabilised polycarbonate lens
- Lens colour: amber, blue, clear, green, red
- Voltage: 12v or 24v
- Current draw: 12v 4.5amp
  24v 3amp

1084
Low Profile

Rotating Beacon

12Volt

1084-H-12-A	Three bolt fixing
1084BM-H-12-A	Single bolt fixing
1084M-H-12-A	Magnetic mount
1086-H-12-A	Three bolt fixing
1086BM-H-12-A	Single bolt fixing
1086M-H-12-A	Magnetic mount

24Volt

1084-H-24-A	Three bolt fixing
1084BM-H-24-A	Single bolt fixing
1084M-H-24-A	Magnetic mount
1086-H-24-A	Three bolt fixing
1086BM-H-24-A	Single bolt fixing
1086M-H-24-A	Magnetic mount

1084
Low Profile

1086
High Profile

Strobe Beacons

For dual voltage applications 12v & 24v

Diameter:	153mm
Height:	179mm
Weight:	0.77kg

Diameter:	155mm
Height:	182mm
Weight:	1.27kg

290 Three bolt fixing

Popular Models	
290.00	Amber
290.01	Blue
290.02	Red

Less than 1amp
current draw

294 Magnetic Mount

100mph
[160kph]

Popular Models	
294.00	Amber
294.02	Red

Less than 1amp
current draw

Multi Voltage Strobe Beacon

470 Two bolt fixing

Popular Models	
470S-A	Amber
470S-B	Blue
470S-C	Clear
470S-G	Green
470S-R	Red

Spare Parts	
801808	Amber lens
801806	Blue lens
801809	Clear lens
801805	Green lens
801807	Red lens
559810	5001 strobe tube

- Compact and powerful single flash strobe
- 60 to 80 flashes per minute
- Suitable for battery powered vehicles
- Voltage range 12-80V DC, 470 AC operates at 120V AC
- Lens colours: Amber, blue, clear, green, red
- Low consumption 0.1 - 0.4 amps

Diameter:	76mm
Height:	127mm
Weight:	0.28kg

Low profile dimensions

Height:	117.5mm
Diameter:	161.4mm

High profile dimensions

Height:	166.7mm
Diameter:	161.4mm

- 160 flash per minute high intensity double flash strobe beacon
- UV stabilised polycarbonate fresnel lens
- Lens colours: amber, blue, clear, green, red
- Single voltage application: 12v strobe head – 1.6amps
                                24v strobe head – 0.8amps
- All beacons polarity protected and have RFI suppression
- Available in 12 or 24 volt

Low Profile Strobe Beacons

1204 Three bolt fixing

Popular Models		
1204-S-12-A	12v	Amber
1204-S-12-B	12v	Blue
1204-S-12-R	12v	Red
1204-S-24-A	24v	Amber

1204BM Single bolt fixing

Popular Models		
1204BM-S-12-A	12v	Amber
1204BM-S-12-B	12v	Blue
1204BM-S-12-R	12v	Red
1204BM-S-24-A	24v	Amber

12054 Single bolt mount

Popular Models	
12054B	Blue
12054R	Red
12054A	Amber
12054G	Green

1204M Magnetic Mount

100mph
[160kph]

Popular Models		
1204M-S-12-A	12v	Amber
1204M-S-12-B	12v	Blue
1204M-S-12-R	12v	Red
1204M-S-24-A	24v	Amber

1205M4 Magnetic Mount

Popular Models	
1205M4B	Blue
1205M4R	Red
1205M4A	Amber
12054MG	Green

High Profile Strobe Beacons

1206 Three bolt fixing

Popular Models		
1206-S-12-A	12v	Amber
1206-S-12-B	12v	Blue
1206-S-12-R	12v	Red
1206-S-24-A	24v	Amber

Not Approved to Regulation ECE65

1206BM Single bolt fixing

Popular Models		
1206BM-S-12-A	12v	Amber
1206BM-S-12-B	12v	Blue
1206BM-S-12-R	12v	Red

12056 Single bolt fixing

Popular Models	
12056B	Blue
12056R	Red
12056A	Amber
12056G	Green

Not Approved to Regulation ECE65

1206M Magnetic mount

Popular Models		
1206M-S-12-A	12v	Amber
1206M-S-12-B	12v	Blue
1206M-S-12-R	12v	Red

1205M6 Magnetic mount

Popular Models	
1205M6B	Blue
1205M6R	Red
1205M6A	Amber
1205M6G	Green

Not Approved to Regulation ECE65

Weight 1.0kg

Directional Lighting

The slimline, low weight nature of LED's opens up a wide range of design and installation opportunities for all types of vehicle.

The high intensity of LED light is an added bonus for the emergency utility services, as it increases the warning of a hazard to other road users.

Benefits:

- Low energy draw giving minimal drain on vehicle battery
- 'Fit & Forget' No bulbs to change
- Totally sealed against water and dust ingress
- 100,000 hours service life
- 5 year warranty on LED's
- Ideal for covert and directional lighting

Double LEDX

L

- Generation 3 LED
- 7 Integral flash patterns
- No flasher unit
- Less than 1amp draw
- Also available in 24v

Dimensions   35mm

76.2mm   177.8mm
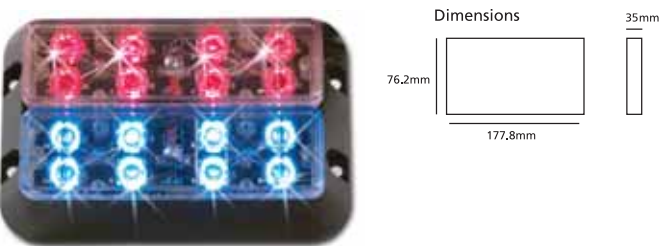
Popular Models

LXEX2F-AA	Double head alum. base Amber/ Amber
LXEX2F-AB	Double head alum. base Amber/ Blue
LXEX2F-AR	Double head alum. base Amber/ Red
LXEX2F-BB	Double head alum. base Blue/ Blue
LXEX2F-BR	Double head alum. base Blue/ Red
LXEX2F-RR	Double head alum. base Red/ Red
LXEXB2F-AA	Double head black base Amber/ Amber
LXEXB2F-AB	Double head black base Amber/ Blue
LXEXB2F-AR	Double head black base Amber/ Red
LXEXB2F-BB	Double head black base Blue/ Blue
LXEXB2F-BR	Double head black base Blue/ Red
LXEXB2F-RR	Double head black base Red/ Red

LEDX Mounting Options

Popular Models

LXEX90	90 degree bracket
LXEXSHD	black shroud

XT3 LED

L

- 12 Built in Flash Patterns
- Directional Optics
- Synchronisable Flash Patterns
- Clear Lens, Coloured LED's
- Dual Voltage
- Shock and Water Resistant
- Rated 100,000 hours life

Dimensions   35mm

31.8mm   127mm

Popular Models

LL504.001	Blue
LL504.002	Red
LL504.000	Amber
LL504.004	Green
LL504.003	White

Mounting Options

MK504.000	90 Degree Bracket
MK667.000	Rubber Flush Mount Housing

Single LEDX

L

- Generation 3 LED
- 7 Integral flash patterns
- No flasher unit
- Less than 1amp draw
- Also available in 24v

Dimensions   35mm

51mm   127mm

Popular Models

LXEX1F-A	Single head alum. base Amber
LXEX1F-B	Single head alum. base Blue
LXEX1F-R	Single head alum. base Red
LXEXB1F-A	Single black alum. base Amber
LXEXB1F-B	Single black alum. base Blue
LXEXB1F-R	Single black alum. base Red

XT4 LED

L

- Dual Colour
- 22 Flash Patterns
- Synchronisable Flash Patterns
- Left/Right 2/2 LED Flash Patterns
- Internal and External use
- Shock and Water Resistant
- Clear Lens with Coloured LED's
- Dual Voltage
- Infra Red option available

Dimensions
33mm
114.8mm
25mm

Popular Models

LL723-000	Red/Red
LL723-001	Red/Blue
LL723-002	Blue/Blue
LL723-003	Blue/White
LL723-004	Amber/Amber
LL723-005	White/White

XT6 LED's

L

- 22 Built in Flash Patterns
- Directional Optics
- Clear Lens with Coloured LED's
- Dual Voltage
- Shock and Water Resistant
- Rated 100,000 hours life
- Synchronisable Flash Patterns
- Left/Right 3/3 LED Flash Patterns
- Reg 65 option available in blue

Dimensions
33mm
157.5mm
25mm

Popular Models

LL723-010	Red/Red
LL723-011	Red/Blue
LL723-012	Blue/Blue
LL723-013	Blue/White
LL723-014	Amber/Amber
LL723-015	White/White

XtraLite 6 LED

L

- Wide Angle Optics
- 19 flash patterns
- Left/Right flashing
- Multi module synchronisation
- Internal or external mounting
- Dual voltage

Dimensions
52mm
126mm
31mm

Popular Models

LL688.011	Blue
LL688.012	Red
LL688.010	Amber
LL688.013	White

XtraLite 9 LED

L

- Wide Angle Optics
- 19 flash patterns
- Left/Right flashing
- Centre/Out flashing
- Internal or external mounting
- Dual voltage
- Multi module synchronisation

Dimensions
59mm
152mm
31mm

Popular Models

LL688.021	Blue
LL688.022	Red

Dual Colour XtraLite 6 LED

L

- Dual Colour
- 19 flash patterns
- Left/Right flashing
- Multi module synchronisation
- Internal or external mounting
- Dual voltage

Dimensions
47mm
148mm
23.76mm

Popular Models

LL688.030	Blue/Red
LL688.031	Red/Amber

Perimeter Light

L

- 20 flash patterns including WIG-WAG patterns
- Low amp draw
- Impervious to vibration
- Unique triple stack housing available
- 7" x 3" / 76.2mm x 177.8mm
- Dual voltage

Dimensions
76.2mm
177.8mm
35mm

Popular Models

C3-45 AH	Amber
C3-45 BZA	Bezel, Amber
C3-45 R	Red
C3-45 BZR	Bezel, Red
C3-45 W	White
C3-45 BZW	Bezel, White
C3-45 B	Blue
C3-45 BZB	Bezel, Blue

Perimeter Light

- 20 flash patterns including WIG-WAG patterns
- Low amp draw
- Impervious to vibration
- Unique triple stack housing available
- 6" x 4" / 101.6mm x 152.4mm
- Dual voltage

Dimensions: 101.6mm x 152.4mm, 26mm

Popular Models

C3-65 AH	Amber
C3-65 BZA	Bezel, Amber
C3-65 R	Red
C3-65 BZR	Bezel, Red
C3-65 W	White (includes option for steady burn reverse light)
C3-65 BZW	Bezel, White (includes option for steady burn reverse light)
C3-65 B	Blue
C3-65 BZB	Bezel, Blue

Perimeter Light

- 20 flash patterns including WIG-WAG patterns
- Low amp draw
- Impervious to vibration
- 9" x 7" / 177.8mm x 228.6mm
- Dual voltage

Dimensions: 177.8mm x 228.6mm, 26mm

Popular Models

C3-85 AH	Amber
C3-85 BZA	Bezel, Amber
C3-85 R	Red
C3-85 BZR	Bezel, Red
C3-85 W	White
C3-85 BZW	Bezel, White
C3-85 B	Blue
C3-85 BZB	Bezel, Blue

Stiletto LED

- 12 LED's
- 75 Flash per minute pattern
- Simple 2 wire connection
- Adjustable positioning
- Internal mount only

Dimensions: 38.1 mm x 215.9 mm, 31.75 mm

Popular Models

LL636.000	Blue/Blue
LL636.001	Red/Red

TriLite LED

- 3 Head LED
- 12 flash patterns
- Dual voltage
- Multi module synchronisation
- Internal or external mounting

Dimensions: 45 mm x 115 mm, 24.76 mm

Popular Models

LL688.001	Blue
LL688.002	Red
LL688.003	White

Slimline LED

- 12 Built in Flash Patterns
- Synchronisable Flash Patterns
- Slimline for surface mounting
- Dual Voltage
- Clear lens coloured LED's

Dimensions: 43 mm x 123 mm, 19 mm

Popular Models

LL600-001	Blue
LL600-002	Red
LL600-003	White

R43

H
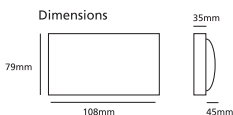
Mounting Options

R43-BMF	Bumper mount housing polished
R43-BMF/G	Bumper mount housing matt finish
R43-DSMF	Deep surface mount polished
R43-FMF	Recess mount polished
R43-SMF	Surface mount polished
R43-TSMF	15° surface mount polished

Dimensions
79mm 108mm 35mm 45mm

■ Extended lens design
■ Colours: Amber, blue, green, red & clear
■ Voltage: 12v or 24v
■ Halogen only
■ Current draw: 12v 2.25amp, 24v 1amp

Popular Models

|	
R43-H-12-A	halogen, 12v, amber
R43-H-12-B	halogen, 12v, blue
R43-H-12-R	halogen, 12v, red

Spare Parts

308352	amber lens
308351	blue lens
308350	clear lens
308354	green lens
308353	red lens
550905	12v 35watt bulb (for coloured lamp)
550907	12v 20watt bulb (for clear lamp)
550906	24v 20watt bulb (for coloured lamp)

R431

S

■ Moulded housing
■ Colours: Amber, blue, green, red & clear
■ Voltage: 12v or 24v
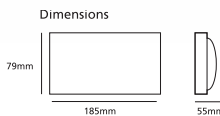■ Universal mount

Dimensions
80mm 97mm 65mm
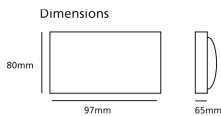
Popular Models

R431-S-A	strobe, amber
R431-S-B	strobe, blue
R431-S-R	strobe, red
R431-H-24-A	Amber

Spare Parts

820919	R431 amber lens
820923	R431 blue lens
820918	R431 clear lens
820920	R431 green lens
820921	R431 red lens
820916	strobe tube – ETRTXCP

PSE40

H **S**

Popular Models

|	
41-H-A-*	halogen, amber
41-H-B-*	halogen, blue
41BZ-H-B-*	halogen, blue c/w bezel
40-S-A	strobe, amber
40-S-B	strobe, blue
40BZ-S-B	strobe, blue c/w bezel

Specify voltage 12v or 24v

■ Sculpted lens
■ Colours: Amber, blue, green & red
■ Voltage: 12v or 24v
■ Chrome coated bezel available
■ Current draw: 12v 4amp, 24v 2amp

Dimensions
79mm 185mm 55mm

Spare Parts

830028	amber lens
830030	blue lens
830280	green lens
830284	red lens
830354	chrome bezel
550926	12v 35watt halogen bulb
550912	12v or 24v 50watt halogen bulb
550924	Helix twist and lock strobe tube

R602

H **S**
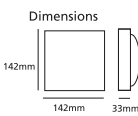
Popular Models

|	
R602-H-A-SP-BL-*	halogen, amber, spot, black housing
R602-H-B-SP-WH-*	halogen, blue, spot, white housing
R602-S-B-BL	strobe, blue, black housing

Specify voltage 12v or 24v

■ Colours: Amber, blue, clear & red
■ Voltage: 12v or 24v
■ Internal lamp housing can be for spot or flood
■ Backing available in black or white
■ Optional 15° angled plinth
■ Current draw: 12v 4.5amp, 24v 3amp

Dimensions
142mm 142mm 33mm

Spare Parts

306108A	Amber lens
306108B	Blue lens
306108C	Clear lens
306108BE	"E" Blue lens
306108R	Red lens
306109BL	Black backing
306109W	White backing
550800	12v 55watt H3 halogen bulb
550900	24v 70watt H3 halogen bulb
550173	Spot lamp housing without bulb
550174	Flood lamp housing without bulb
R602-15-W	15° White Plinth
553401	Strobe sealed beam Par36

R602 Scene Light

H **S**

Dimensions
142mm 142mm 33mm
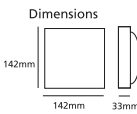
Popular Models

R602-H-12-C	halogen, 12v, clear
R602-H-24-C	halogen, 24v, clear
R602-15	15° plinth
R602-S	strobe head

■ Colour: Clear
■ Voltage: 12v or 24v
■ Internal lamp housing can be for spot or flood
■ 15° angled plinth available
■ Current draw: 12v 4.5amp, 24v 3amp

Spare Parts

306108-C	Clear lens
306109W	White backing
550800	12v 55watt H3 halogen bulb
550900	24v 70watt H3 halogen bulb
550173	Spot lamp housing without bulb
550174	Flood lamp housing without bulb
553401	Strobe sealed beam Par 36

3010 Scene Light

H

Dimensions
152mm 229mm 51mm
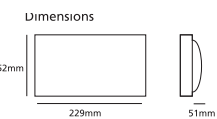
Popular Models

3010-13-H-12-C	halogen, 12v, clear, 13° tilt
3010-26-H-12-C	halogen, 12v, clear, 26° tilt

■ Colour: Clear
■ Voltage: 12v
■ Current draw: 12v 2.25amp
■ 13° or 26° internal tilt lenses provide a work light without the need for angled mounts

Spare Parts

559935	Clear lens
559680	Internal diffuser (13°)
559651	12v 27watt bulb

3010 Mounting options

■ 3015: 15° angled surface mount
■ 3016: full recess mount

Other mounting options available

PSE40 Scene Light

H

Dimensions
79mm 185mm 55mm
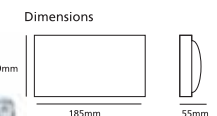
Popular Models

41-26-H-12-C	halogen, 12v, clear, 26°
41Z26-H-12-C	halogen, 12v, clear, 26° c/w bezel
41-26-H-24-C	halogen, 24v, clear, 26°
41Z26-H-24-C	halogen, 24v, clear, 26° c/w bezel

■ Colour: Clear
■ Voltage: 12v
■ 26° internal tilt lenses
■ Other tilt lens options available
■ Chrome coated bezel available
■ Current draw: 12v 4amp, 24v 2amp

Spare Parts

830031	Clear lens
830354	Chrome coated bezel
550925	12v 50watt halogen
550912	24v 50watt halogen

This is only a small selection of a wide range of variations – please contact our sales department if the variation you require is not listed

H Halogen **S** Strobe **SS** Double Strobe **HS** Halogen & Strobe **HH** Double Halogen **L** LED

Ghost LED

L

- Light Sync Technology
- 6 generation 3 LED's per module
- Moisture and Vibration resistant
- Internal and External mounting
- 33 Flash patterns
- High intensity light output
- Dual Voltage

Dimensions

23mm
101mm
44.5mm

Popular Models

LL758-000	Blue/White
LL758-001	Blue/Blue
LL758-002	Amber/Amber
LL758-003	Green/Green
LL758-004	Red/Red
LL758-005	White/White
LL758-006	Red/Blue

Hide a Blast LED's

L

- 30 Built in Flash Patterns
- 9 LED's
- Vertical or Horizontal mounting
- Self contained control module
- Mounts in 1" hole same as strobe tube
- Universal fit
- 15 foot cable

Dimensions

38.1mm
27.23mm

Popular Models

LL702.100	Blue
LL702.101	Red
LL702.102	White

Hide Away LEDs

Height:	4"
Weight:	20"
Depth:	2.5"

Features

- 70 flashes per minute minimum. Fast rate is 100 flashes per minute.
- 12v DC, 1 amp maximum.
- '3' LED module to provide spectacular warning signal.
- Virtually maintenance free - rugged and reliable LED performance.
- Nearly impossible to detect in side markers or tail lights until activated.
- Flasher is potted for weather protection and suitable for trunk or under-hood mounting.
- Up to 15 user-selectable flash patterns.
- Designed to be installed in rear light clusters without need to cut into existing wiring.
- No need to remove existing bulbs ideal for covert and overt.

H Halogen   S Strobe   SS Double Strobe   HS Halogen & Strobe   HH Double Halogen   L LED

Titan Dash Mount LED

- Adjustable angled housing
- Suction cup attachment
- Cigarette lighter socket connection
- 19 Flash Patterns

Popular Models
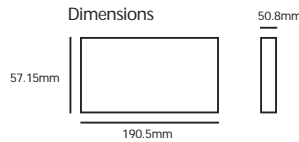
LL818-001	Blue

XT302 LED

- Synchronised Flash Patterns
- Adjustable Mounting Feet
- Internal or External Mounting
- Dual Voltage
- Shock and Water Resistant
- Clear Lens with Coloured LED's

Dimensions   50.8mm

57.15mm

190.5mm

Popular Models

LL619.000	Blue/Blue
LL619.002	Red/Blue
LL619.003	Red/Red
LL619.004	Amber/Amber

XT304 LED

- Synchronised Flash Patterns
- Adjustable Mounting Feet
- Internal or External Mounting
- Dual Voltage
- Shock and Water Resistant
- Clear Lens with Coloured LED's

Dimensions   50.8mm

57.15mm

355.6mm
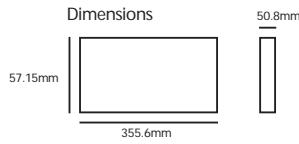
Popular Models

LL619.005	Blue/Blue/Blue/Blue
LL619.001	Red/Red/Blue/Blue
LL619.006	Red/Red/Red/Red
LL619.007	Amber/Amber/Amber/Amber

The Scanlite Range of search lights offer outstanding lighting performance. Each unit is fitted with a sealed beam halogen bulb, a damage free clutch mechanism and long life gear assembly. The control panel is supplied with 4.5m of cable.

135SL Spot/Floodlight

135SL-12	12v
135SL-24	24v

- 100,000 Candlepower
- High impact polycarbonate case
- "Bulb only" vertical tilt

Specifications

Horizontal sweep	360°
Vertical sweep	75°
Voltage	12v & 24v
Wattage Spot	100w
Wattage Flood	50w
Amp draw	8amp

Nightprobe

- 360 degree horizontal rotation
- 180 degree vertical rotation
- 100 watt halogen bulb
- All weather universal mounting bracket
- Flexible mounting options with no holes
- 184.15mm wide x 304.8mm Deep
- 101.6mm high when lamp down

Part Number

C3-NP130

Remote Control Spotlight

- Radio remote control worklamp offering complete horizontal and vertical rotation
- Incline up and down at approximately 260 degrees.
- Joy stick control enabling simultaneous horizontal and vertical movement
- Automatic resetting
- Remote control working on European Frequency 433.02mhz
- Functional up to 100m in open space
- Special clip on support for installation in vehicle

Part Numbers

05.0885

Height:	230mm
Width:	178mm
Depth:	85mm

L17

L17.00.LB	Flood
L17.100.LB	Spot

- Impact & heat resistant polypropylene housing
- Polycarbonate lens
- Bulb not included

Spare Parts

118549.00	Lens assembly, flood
118549.01	Lens assembly, Spot
H453	12V bulb x2
H460	24V bulb x2

Height:	255mm
Width:	168mm
Depth:	115mm

2990F Floodlight / 2990S Spotlight

- Impact & heat resistant polypropylene housing
- Polycarbonate lens

Spare Parts

550800	H3 12v Bulb
550900	H3 24v bulb

Height:	230mm
Width:	178mm
Depth:	85mm

2994F Floodlight

2994F	12v
2994F	24v

- Impact & heat resistant polypropylene housing
- Polycarbonate lens

Spare Parts

550800	H3 12v Bulb
550900	H3 24v bulb

- Amplifiers incorporate surface mount technology and MOSFET power amplifiers
- Reverse polarity protection – without blowing fuse
- Low volume siren test (7009, 7109)
- Siren interlock that will switch off siren if beacon fails
- Safety shutdown in case of over heating or short circuit due to speaker failure
- Fault indicator
- All sirens fitted with cooling fan except 6002
- Tones can be controlled through horn push
- Approved to Class 1 for Home Office VIDG and can be programmed to any requirement or country specification.

7004 Remote Mount Siren

Width: 149mm   Height: 48mm
Depth: 169mm   Weight: 1.46kg

- Compact siren – 5 tone options
- Tones can be controlled through horn push

Standard tones: Wail, Yelp, Hi Lo, Air Horn, Pulsar
Requires separate switch panel

OPTIONAL HIGH POWER

OPTIONAL HIGH POWER   Intended to drive two loudspeakers in parallel (200watts).

OPTIONAL RECORDED SPEECH   Record and playback facility

Traffic Alert

Control Unit
Dimensions: 175mm x 86mm
Depth: 16mm

Standard tones: Wail, Yelp, HyperYelp, Hi-Lo, Hyper Lo, Air Horn

OPTIONAL RECORDED SPEECH

- Serial control for Lightbar, siren and auxiliary lighting
- ArrowStik® switch control 3999
- Automatic short circuit connection
- Handbrake input for both lighting & siren
- Timed output ('C' button)
- Plug-in microphone
- 100 watt rating

Popular Models

3997	Basic RLS Siren with ArrowStik® Control
3998	Basic RLS Siren without ArrowStik® Control
3999	Basic RLS Siren with ArrowStik® & Spotlight Control Built-in walk-around self testing function
XTRAMPC2	Additional Amp for any of the above sirens

7006 Remote Mount Siren and PA

- 4 tone options remote mount amplifier
- Full PA facility
- Plug-in microphone with modular connections
- Toggle button on microphone controls tones

Width: 149mm Height: 48mm
Depth: 169mm Weight: 1.46kg

7006-12 12V   7006-24 24V

Standard tones: Wail, Yelp, Hi Lo, Air Horn

OPTIONAL HIGH POWER

7007 Remote Mount Siren and PA

- 5 tone options remote mount amplifier
- Full PA facility
- Plug-in microphone with modular connections

Width: 149mm Height: 48mm
Depth: 169mm Weight: 1.46kg

7007-12 12V   7007-24 24V

Standard tones: Wail, Yelp, Hi Lo, Air Horn, Pulsar

OPTIONAL HIGH POWER **OPTIONAL RECORDED SPEECH**

Switch Panels for use with 7004 Sirens

502   504   509   509A

502	Discreet toggle switch (2 tones)
504	Dash or flush mount rocker switch (2 tones)
509	Dash or flush mount rocker switches (3 tones)
509A	Dash or flush mount rocker switches with additional Air horn button (3 tones)

7009 Dash Mount Siren and PA

- 5 tone options dash mount amplifier
- Full PA facility with plug-in microphone
- Radio re-broadcast
- Volume control
- Manual and Air horn button
- Tones can be controlled through horn push

Width: 149mm Height: 48mm
Depth: 140mm Weight: 1.76kg

7009-12 12V   7009-24 24V

Standard tones: Wail, Yelp, Hi Lo, Air Horn, Pulsar

OPTIONAL HIGH POWER **OPTIONAL RECORDED SPEECH**

7109 Dash Mount Siren and PA

- 5 tone options dash mount amplifier
- Full PA facility with plug-in microphone
- Three position switch for lightbar control
- Radio re-broadcast
- Volume control
- Manual and Air horn button
- Tones can be controlled through horn push

Width: 149mm Height: 48mm
Depth: 140mm Weight: 1.76kg

7007-12 12V   7007-24 24V

Standard tones: Wail, Yelp, Hi Lo, Air Horn, Pulsar

OPTIONAL HIGH POWER **OPTIONAL RECORDED SPEECH**

Back Board installation

8000 Series Siren

The 8000 series is a modular approach to siren & lightbar control.

Speakers

8000 Series

Power module

Dimensions:
208mm x 163mm
Depth: 47mm
Weight: 800g

All amplifiers

Features:
- Standby current meets automotive standard of less than 0.3 milliamps.
- Low current Master Switch.
- Custom designed heat sink assembly.
- All models can drive 2 x 100 Watt loudspeakers over full temperature range.
- Siren Running Output with current monitor facility.
- Battery voltage monitor and shutdown.
- Output power reduction to reduce power to loudspeaker.
- High speed fan with controller.
- Self resetting circuit fuses.
- Faster short circuit performance.
- More robust construction.
- Relay output.
- Sidelights input.

Benefits:
Will not flatten battery, even over extended periods.

Economical switch can be used to disable system if desired.

Superior performance in tropical conditions.

Single model for standard (/T) and High Power (/H) applications.

Connects straight to Data Logger where required.

For added dependability, output is only present when loudspeaker operational.

Prevents operation of amplifier when battery voltage goes too high or too low. 12 volt amplifier will not be damaged if connected to 24 volts.

Avoids damage to loudspeaker when voltage rises due to fast charge or in the event of regulator malfunction.

Variable fan speed dependent on operating conditions.

Reduced down time for maintenance.

Greater protection for output transistors.

Control of one external function with simple addition of one relay.

Basic amplifiers, 8004

Features:
- Run Input.

Benefits:
- Universally compatible with alternative switching systems

Amplifiers with audio facility, 8005

Features:
- Same amplifier for all applications.
- State of the art Digital Signal Processor (DSP).
- Digital audio amplifier.
- CANBUS
- Noise cancelling electret condenser microphone.
- 20 second speech record facility.
- Two auxiliary audio inputs.

Diagnostics

Available with 7000/8000 amplifier conversion loom.

Reduced stock. Flexibility to change or add to system.

Low frequencies prevented which could damage loudspeaker.

Better sound reproduction.

Clearer audio in Public Address mode under noisy conditions.

Standard in all amplifiers (use dependent on Control Panel).

Allows for multiple inputs on same application e.g. Broadcast Radio, Two way radio, MP3 player, Cassette player etc.

Voltage, temperature and fault information available on suitable Control Panel.

Speaker Cowls & Extension Kits

When ordering please note that the model numbers include the driver size and type of cowl e.g. P100-S is a P100 speaker with an S cowl.

C	Concealed speaker cowl for mounting behind grille or bumper
F	Flared speaker cowl for roof mounting
L	Lightbar cowl for mounting in lightbars
M	Medium cowl for compact applications
R	Round cowl for roof, behind grille or motorcycle mounting.
S	Rectangular cowl for roof or behind grille mounting
P16E	Extension kit for remote mounting of the driver from the cowl assembly (C, R & S cowls + M, L, F)

Fitting Options

90° Bracket

Dual Bracket

Speaker Drivers

PA35	35w speaker driver (for use with 6002 amplifier)	2.35kg
PA60	60w speaker driver	2.30kg
PA100	100w speaker driver	2.80kg
PA100-RB	100w chromed speaker roof mount	5.12kg
PA100-L	100w Slimline speaker and cowl	5kg

Technical Specification of Amplimax Sirens

Voltage:	12v 11 to 16v DC or 24v 22 to 32v DC
Outputs:	Standard 60w/100w 1 to 11 Ohm Loudspeaker High power 200w 2 to 11 Ohm Loudspeaker (7000 Series) Power at 12v: 5.8A-60w, 10A-100w, 20A-200w
Oper Temp:	-30 °C to +50 °C

Audio
- Frequency range: 300 to 10,000 Hz
- Distortion (300 to 3,000) less than 5%
- P.A. Output regulated to 60w
- Radio input impedance: 3.2 to 2,000 Ohms
- Microphone: Electronic microphone

Spare Part:
6000 to 7000 Conversion Loom: Part Number 507147

Standard Frequency Range:	Cycle Rate:
Wail 500 to 1800Hz	11/min
Yelp 500 to 1800Hz	178/min
Hi-lo 670 to 1100Hz	55/min
Pulsar 500 to 1800Hz	650/min

STC & MTC Controllers

The ultimate solution for all vehicles

Multitouch Controller

- High power switching, no extra fuses and relays required for outputs.
- All output fuses on back unit for easy maintenance. LED status indicator for fault finding on each output.
- Small size for backboard installation.
- Plug and play system for ease of use.
- Unit integrates with 8000 siren system.
- Lockable programming at installation stage stops programming being changed in vehicle.
- Built-in arrowbar controller on larger version saving time on installation. No extra controller to fit.
- Selectable audible warning to indicate output(s) enabled.
- Non damaging mounting bracket for easy installation.

- Built in microphone.
- Large positive action keys.
- Back lit.
- Automatic light sensor.
- Universal mounting bracket.
- Polarity protection with LED indicators.
- Fused output.

Speedtouch Controller

The kit comprises of:
- Handset
- Rear control box
- Control box connectors
- Curly cord
- 6 way extension cord
- 6 way handset interface
- Detailed instruction leaflet

Example of Back Board Layout

Unity Switch Panel and Control Box

- Vehicle specific face plates available
- 6 Backlit push switches with variable legends
- Variable flash patterns via integral flasher unit
- 6 Relays with minimum 25 amps rating
- Alternating/Pulsing circuit with two outputs for headlights

Height:	41mm
Weight:	123mm
Depth:	39mm

316
6 Function switch panel

Height:	51mm
Weight:	51mm
Depth:	44mm

302
1 Function switch panel

303
Function switch panel

Standard switches do not require EMC approval

Height:	50mm
Weight:	77mm
Depth:	25mm

688-P
8 Function 12v switch panel
12v positive switching. Integral fuses

- Compact & lightweight
- Easy to locate recessed switches
- Back lit for night time use
- LED's indicate which function is selected
- Suitable for low current switching

Height:	51mm
Weight:	118mm
Depth:	44mm

306
3 Function switch panel

620 Flasher Unit

The following units can be used to control directional lights, headlights, fog lights etc. or a combination.
(e.g. Headlights and a pair of grille lights).

Popular Models

620-101
Electronic alternating flasher 2 x 10 amps (max).
Dual Voltage

620-102
Electronic headlight pulsating flasher 1 x 10 amps (max). Dual voltage

620-103
Electronic headlight alternating flasher unit.
12v or 24v

620-103K
Electronic headlight alternating flasher kit, includes relays. 12v or 24v

620-103KI
Electronic headlight alternating flasher kit, includes relays and a side light override. 12v or 24v

620-105
Electronic headlight alternating flasher and one set of auxiliary alternating outputs. 12v only

620-108
Electronic alternating flasher with steady override, can be used on fog lights. 12v only

620-109
Electronic headlight pulsating flasher, includes a set of auxiliary alternating outputs and a side light override.
12v only

562506-12v
30A Changeover relay

Popular Models

700
Solid state alternating flasher unit 2 x 8 amps (max)
12v or 24v

710
Solid state alternating flasher unit 2 x 8 amps (max)
12v or 24v. Programmed with various flash patterns

711
Solid state alternating flasher unit 2 x 8 amps (max)
12v or 24v

More varied flash patterns available

Solid State Flasher Units

Popular Models

ETAF08-12P
Solid state alternating flasher unit 2 x 8 amps (max).
12v only

ETAF08-24P
Solid state alternating flasher unit 2 x 8 amps (max).
24v only

ETAF15-12P
Solid state alternating flasher unit 2 x 15 amps (max).
12v only. To suit four lamps

ETAF15-24P
Solid state alternating flasher unit 2 x 15 amps (max).
24v. To suit four lamps

Run Lock

RUNLOCK (RL001)
(3-Output, 12V or 24V Operation)

Yellow: 12/24 Volt from Outgoing Ignition Feed
Blue: Handbrake warning switch (+ve)
Grey: Handbrake warning switch (-ve)
Brown: Runlock "ON" switch to +Vcc (Momentary)
Green: Runlock "OFF" connect to brakelight (+ve)
Red: Internal relay common, incoming IGN feed
Pink: N/O Contact for Ignition bypass
Pink: N/O Contact for Ignition bypass
Orange: N/O Contact for Ignition bypass
Brown & Green (thin): Runlock Activated Lamp (12/24 V)

- Dual Voltage
- 3 Output
- LED Run Lock activated light
- Handbrake warning switch
- Internal Relay

Part Number
RL001   Run Lock

Height:	48mm
Weight:	114mm
Depth:	71mm

444-P
4 x 10A relay power distribution unit.
12v positive switching. Integral fuses

- Strobe power supplies carry a two year warranty and feature polarity protection, continuous duty circuitry, RFI filters to protect against radio interference and are vibration resistant.
- All units are potted for improved durability

	PHS240-P	PHW460-P	PHW475-ND	PHW475-P	PHW675-P	PHW690-P	PHW475E
Outputs	2	2-4	2-4	2-4	2-6	2-6	4
Power (watts)	40	60	75	75	75	90	75
Ave. Amp Draw	4	6	7.3	7.3	7.3	8.8	7.3
High/Low Intensity	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flash Patterns	1	4	4	4	4	4	2
Primary Patterns	Four flash	Double flash Four flash Five flash Warp flash	Double flash Four flash Five flash Warp flash	Double flash Four flash Five flash Warp flash	Double flash Four flash Five flash Warp flash	Double flash Four flash Five flash Warp flash	Single flash Double flash
Flash rate cycles/min double flash	N/A	235	235	235	235	235	235 single 130 double
Flash rate cycles/min response flash	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flash rate cycles/min Four flash	140	140	140	140	140	140	N/A
Flash rate cycles/min Five flash	N/A	140	140	140	140	140	N/A
Flash rate cycles/min Warp flash	N/A	700	700	700	700	700	N/A
Selectable switching	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Height (mm)	50	65	65	65	65	65	60
Width (mm)	170	200	200	200	200	200	200
Depth (mm)	102	125	125	125	125	125	125
Weight (kg)	0.72	2.25	2.25	2.25	2.25	2.25	2.1
Diagnostic Capability	N/A	N/A	N/A	Yes	Yes	Yes	Yes
EMC95/54 Regulation	e11	e11	e11	e11	e11	e11	e11

Flash Patterns

Double Flash
The standard double flash pattern used by emergency services throughout the world.

Four Flash
An attention catching powerful 4 flash pattern that is more distinctive than the standard double flash.

Five Flash
The Five Flash can flash so rapidly that the lamp appears to burn continuously in a pattern of 5 powerful flashes which is highly distinctive.

Warp Flash
Super Flash has an outstanding flash rate of 700 flashes per minute to produce the ultimate warning pattern.

Dome Camera Lightbar

Introducing mobile CCTV systems from Premier Hazard. Including the 360° pan and tilt Dome Camera Bar and the fixed camera systems, for mounting inside a vehicle. Both bring distinct advantages, the choice enabling emergency services, utilities and security services to specify and fit a system that meets their exact requirements.

The fully functional 360° pan and tilt Camera Bar has been integrated into a vehicle's roof mounted lightbar. The 360° Dome Camera bar provides security and emergency services with high performance all round surveillance, with the added safety benefit of leaving the dash and windscreens uncluttered.

The micro Zoom Camera is the latest generation video camera. Compact in design, it fits neatly behind the rear-view mirror and measures only 85mm x 50mm x 50mm - and with its compact size, the Zoom Camera comfortably fulfils the requirements of VOSA by allowing unimpeded vision through the swept area of the windscreen.

Additionally, the unique rear-view mirror monitor available as part of the mobile

CCTV system is specifically designed to work in conjunction with the Zoom Camera. Incorporating a 4 inch TFT LCD, the mirror monitor delivers high definition video pictures to the operator and with its dual function design. keeps the dashboard area uncluttered and free from unnecessary equipment intrusion.

Depending on performance required, the same Zoom Camera can be alternatively mounted to the rear screen, the picture being transmitted to the rear view mirror monitor and available by simply switching camera 'channel'. Various camera specifications are available. For example, operators requiring a fixed focal length camera, to act as a simple vehicle reversing aid, can opt for a camera system tailored to meet that requirement.

Video data can be readily downloaded from the hard drive onto compact flash card, on-board pc or separate laptop. By specifying an alternative to the existing micro DVR, operators can also transmit 'live' pictures and video to a remote location via 3G.

360° Dome Camera Bar

Specifications

Specifications		
Mechanical	Tilt Angle 12° below and 45° above horizontal	
	Rotation 360° continuous	
	Drive Method Belt/direct drive DC motor	
Construction	Top cover ABS/Acrylic	
	Mounting Type Light Bar only	
	Cabling Pre-wired	
Comms.	Telemetry Type RS485 twisted pair	
Dome Speed	Variable Speed 3 axis	
Finish	Standard Black Finish	
Camera	Video Format-PAL	
Specifications	Sensitivity 2 lux colour, 0.05 lux Mono	
	Horizontal Resolution 460TVL	
	Effective/Total Pixels 740k	
	Shutter Speed Auto 1/3 > 1/10k	
	Image Sensor Format 1/4" CCD	
	Lens F1.6 to F=3.8	
	Angle of view approx' 42° wide, 1.6° tele	
	Zoom Ratio (optical) 26:1 (optical)	
	Digital zoom 12x	
	Focus Auto with manual override	
	Iris Auto with manual override	
	Gain Auto	
	S/N Ratio >50dB	
Image Stabilisation	90%@10Hz	

Incorporating into the Optimax light bar, one of the most popular lightbars on the market. The pan and tilt 360° Dome Camera is suitable for use over a wide range of vehicles. The elevated light bar position affords it an uninterrupted 360° view.

Using the compact joystick, the operator has complete control of what the Dome Camera sees - when it sees it. The pan and tilt functions can be operated at speeds of between 1° and 30° per second, allowing you to monitor your target with unrivalled accuracy. In addition, the 26:1 optical zoom and 12 x digital zoom lens offers an image far beyond the capability of most standard CCTV packages.

Crowd monitoring, covert surveillance, incident recording or as a health and safety tool: whatever the situation, you can rely on the 360° pan and tilt Dome Camera to do its job.

3G Digital Video Recording

3GMDVR is a robust video recording server designed for fleet security applications. By using the award-winning SMAC-M multi-streaming video compression technology, 3GMDVR delivers no compromise performance on simultaneous recording and transmission via a mobile network.

Features

- 4 video, 16 alarm inputs; 4 relay outputs.
- Recording up to 25/30fps on D1; 100/120fps on CIF resolution.
- Live monitoring via HSDPA, UMTS, EDGE and GPRS (require mobile data modem).
- Playback and video extraction via WiFi (require WiFi gateway).
- Fast detachment and shock protection design.

3GMDVR can continuously record videos of every single detail during the vehicle in service. By connecting 3GMDVR to a mobile data modem, the driver can push a button to trigger the 3GMDVR to send an alarm and seamless video back to the central monitoring station via mobile networks such as HSDPA, UMTS, EDGE or GPRS in an emergency situation. In conjunction to a WiFi gateway, the recorded data can be reviewed and extracted to the central storage server via a WiFi network after the vehicle returns back to the depot.

Traditional Video Coding Technology: M-JPEG, MPEG-4

SMAC-M: Multi-stream Video Coding Technology

Good quality recording requires high bit rate which results in poor remote performance.
Fast remote transmission is achieved with very high compression rate which inevitably degrades the video recording quality. The bursty channels often affect recording performance.

To solve the conflict, SMAC-M is the first to provide independent multiple streams covering different bit rates. SMAC-M lets you view live video from Video Recording Servers and Network

Cameras via LAN, ADSL, PSTN and mobile networks whilst recording in DVD quality on your local devices.

SMAC-M:
Transmits 80% faster
than H.264 on ADSL
Resolution: 720x576 ; Data Rate: 128kbps

H.264 — 5fps
SMAC-M — 9fps

SMAC-M:
Records 29% longer
than H.264
Hard disk size: 1000GB ; Resolution: 720x576 ; Rate: 25fps

H.264 — 22 days
SMAC-M — 29 days

Remark: The above measurement is based on a set of standard videos. Actual recording size and transmission frame rate is subject to actual camera situation.

DVR Unit

DVR High Capacity Digital Video Recorder

Available Options

- Mobile and Outdoor Applications
- Single or Quad channel
- 1-16 Alarm Inputs
- Motion Detection
- Event marking and playback
- Audio capture and playback
- GPS recording
- Download via CF/SD card, WiFi or USB
- Fully ruggedised for vehicle applications

Camera Units

Zoom Camera

Fish-Eye Camera

Flush Mount Camera

Available Options

- Day/Night Zoom
- PTZ
- Covert
- Flush Mount
- Fish Eye
- Vandalproof Domes
- Bullet camera
- Micro camera
- Infra Red
- IP67 Rated

CONTACT OUR SALES TEAM FOR FURTHER INFORMATION.

7″ LCD Monitor

Features

- 7 inch (diagonal) TFT LCD wide colour display screen.
- On-screen display for adjusting screen brightness, colour, contrast and tint.
- Built-in speaker.
- Choice of backlit brightness: auto/high/low.
- Choice of image: mirrored image/reversed image.
- Choice of mode: normal 4:3/full 16.9.
- Volume switch.
- Resolution: 1440 x 234 (336,960 pixels).
- 16.9 widescreen aspect ratio.

Integrated Mirror Monitor

Specifications

Input Connector	D-SUB 15P (male)
Visible Area	4″ (diagonal)
Contrast	150:1
View Angle	90° H, 40° V
Brightness	240 nit
Resolution	480 H x 234V
Video System	PAL/NTSC compatible
Audio Power Output	0.5W x 2/8Ω
Audio L/R Channel Balance	≥ 3dB
Mic Sensitivity (0db = 1V/μbar, 1kHz)	-38 ±6dB
S/N Ratio	≥ 60dB
Frequency Response (-3dB reduction)	50Hz ~ 13kHz
Power Consumption	* 8W
Storage Temp.	-20°C ~ +70°C
Operating Temp.	-20°C ~ +50°C
Dimensions	275(W) x 96(H) x 23.5(D) mm
Weight	580g (net)

Video Overlay Module

Specifications

Video input	1 Phono
Video Output	1 Phono
Inputs	Vehicle Speed + 8 additional inputs
Standard inputs	Left Indicator
	Right Indicator
	Footbrake
	Handbrake
	Sirens
	Beacons
	Headlights
	Headlight Flash
	Rear Reds
	Front Blues
	Reverse

We can offer an installation service if required.

Premier Hazard has a wealth of experience in the design and manufacture of the most comprehensive range of lightbars, lighting, sirens and camera equipment. We work closely with vehicle manufacturers and end-user customers to offer 'application specific' installations of all product types. High degrees of creativity and focused skill are applied to all installations, and wiring design.

Based in Yorkshire, Premier Hazard has the leading in-house emergency services lightbar manufacturing operation in the UK. Products and whole systems can be fitted 'on site' or 'off site', depending on each client requirements.

Emergency equipment can be installed on respective emergency response vehicles in line with the PITO (now NPIA) Framework Agreement.

All work is fully guaranteed, in line with the quality products used.

Premier Hazard is one of most established and trusted designers and manufacturers of lightbars and associated equipment in the world. As a part of the worldwide PSE Group, quality and value for money are pre-requisites in everything that we do.

**Service and maintenance is available via Premier Hazard's Approved Service Technician network, in association with our own mobile field service personnel.**

We have one of the largest product stockholdings within the industry, and are able to offer a 48 hour delivery from order with most products; sometimes faster!

Premier Hazard, the premier service provider within the emergency services market!
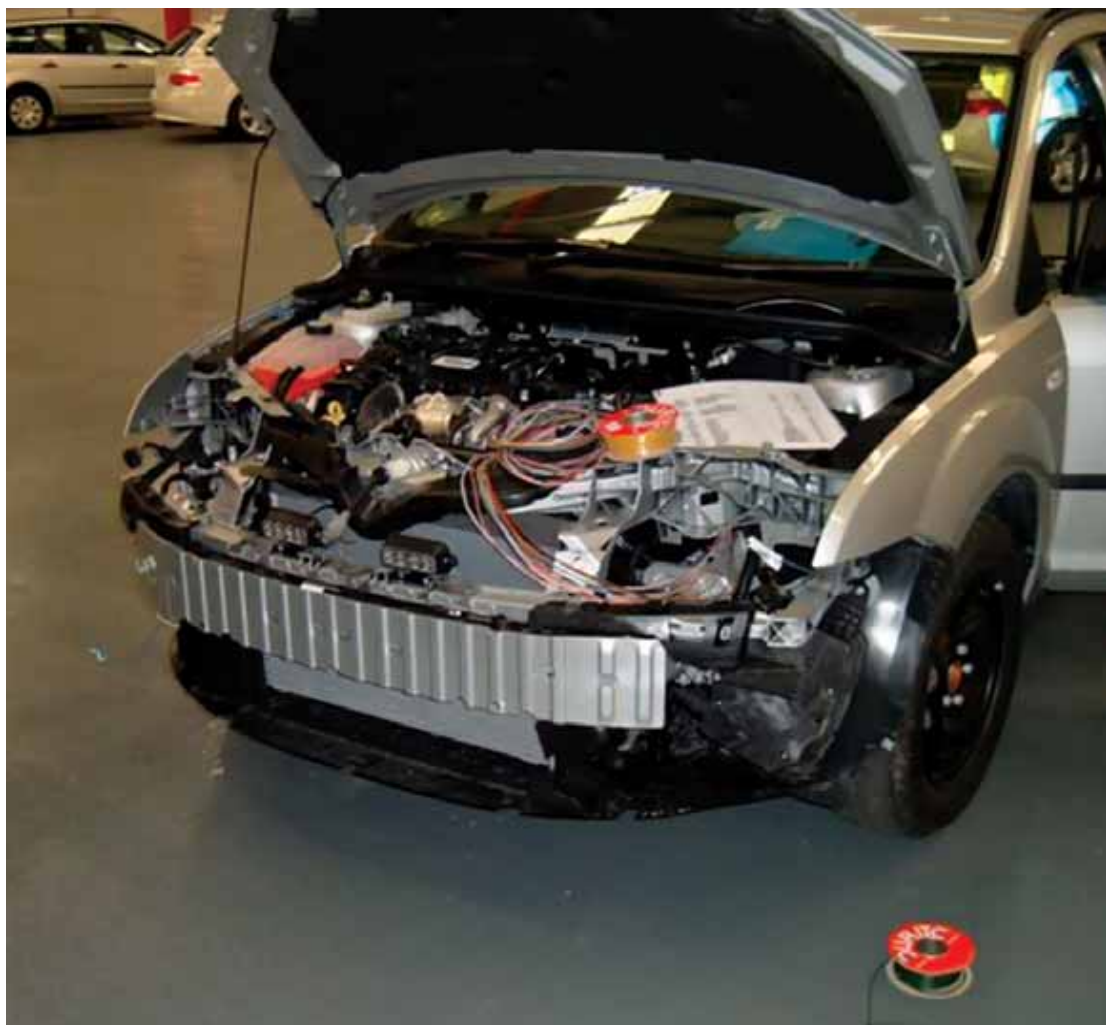
Warranty

(The following is an extract from our terms and conditions, a full copy of which is available upon request)

Where PH is not the manufacturer of the Goods PH will endeavour to transfer to the Buyer the benefit of any warranty or guarantee given by the manufacturer.

In respect of Goods manufactured by PH, PH will, within a period of 24 months from the date of them being put into use,

by the end user, repair or at its option, replace any Goods which are proved to the satisfaction of PH to be defective in material or workmanship provided that this obligation will not apply where;

a. the Goods have been altered in any way whatsoever or have been subject to misuse or unauthorised repair; or

b. the Goods have been improperly installed or connected (unless PH carried out such installation and connection); or

c. the Buyer has failed to observe any maintenance relating to the Goods; or

d. the Buyer has failed to notify PH of any defect or suspected defect within 14 days of the same coming to the knowledge of the Buyer; or

e. the Buyer is in breach of this or any other Contract made with PH; or

f. the Buyer has failed to provide proof of purchase and date of the Goods being put into service.

The cost of dismantling and reassembling the Goods and of returning them to PH for inspection will be borne by the Buyer.

Any Goods replaced will belong to PH. Any repaired or replacement Goods will be guaranteed on these terms for the unexpired portion of the 24 months period.

Save as provided in above PH will be under no liability under the Contract for any personal injury, death, loss or damage of any kind whatsoever (other than death or personal injury resulting from PH's negligence) whether consequential or otherwise including but not limited to loss of profits and PH hereby excludes all conditions, warranties and stipulations express or implied, statutory, customary or otherwise which but for such exclusion would or might subsist in favour of the Buyer except that such exclusion will not apply to

a. Any implied condition that PH has or will have the right to sell the Goods when the property is to pass; or

b. When the Buyer deals as a consumer (as defined in Section 12 of the Unfair Contract Terms Act 1977), any implied term relating to the conformity of the Goods within their description or sample or as to their quality or fitness for particular purpose.

In no circumstances will PH or its employees, agents or subcontractors be liable for any loss or damage of any kind whatsoever (other than death or personal injury resulting from PH's negligence) whether consequential or otherwise caused directly or indirectly by any negligence on the part of PH or on the part of any of its employees, agents or sub-contractors in connection with or arising out of the manufacture or supply of the Goods or in connection with any statement given or made

(or advice not given or made) by or on behalf of PH.

Disclaimer

The products detailed in this catalogue represent our current range, and whilst every effort has been made to ensure accuracy of the information supplied, customers are requested to satisfy themselves of the suitability of any products required.

As Premier Hazard Limited employs a continuous development process, we reserve the right to amend specifications without prior notice.

Should you have any comments about this catalogue or require any help please contact us.