

LIGHTBAR OVERVIEW

Lightbars provide a means of housing many different combinations of lighting and audible devices to warn and inform road users. They can also house other vital equipment, perhaps to assist with illumination of a scene or provide supplementary information.

The fundamental requirement of any lightbar is that it attracts attention but beyond this, different applications necessitate other features as well. In some cases a thin streamlined design is important to minimise aerodynamic impact on the vehicle. In other cases the need to incorporate sirens and PA equipment is important, maybe facilities are needed to display additional information or perhaps cost is a high priority.

To accommodate this range of requirements, Haztec offers many different lightbar ranges incorporating various light technologies from inexpensive Halogen rotating beacons to high output strobes or the latest long life low maintenance LEDs. These latest generation LEDs when correctly mounted and powered as part of a Haztec product, offer a life of 50 - 60,000 hours. They can operate over a wide range of temperatures and are simple to control, allowing multiple flash patterns to be easily incorporated and synchronised if required. LED technology also offers silent operation with no moving parts to wear out.



XH-50

A Slimline lightbar with neat tapered end sections, purpose designed to suit latest LED technology. Designed for simple fixing to the front or rear of a vehicle, avoiding the need to increase the vehicle height. See page 12 for further details



Xpert

Available in either standard slimline Xpert format ideally suited to latest LED technology, or in a slightly deeper raised base, Xpert DX format suited to strobe or rotating beacons. Can accommodate integral siren if required. See page 7 for further details



Xcess-P lightbars

Ultra thin Xcess lightbars provide a thin streamlined solution using LED technology. Truly impressive 360 degree illumination. See page 6 for further details



Xpress Lightbars

Highly versatile, able to accept numerous options including information sign displays and sirens. See page 9 for further details



Xtreme

Dual level lightbars, for when extreme visibility is needed. This allows numerous combinations including rotating beacons with lower level strobes, scene lights or stop, tail turn lights. Can incorporate info sign displays and sirens. See page 10 for further details



Xtra

Raised profile lightbars for use as either a single level lightbar with raised base to prevent obscuration or a dual level bar. Can incorporate info sign displays and sirens. See page 11 for further details



UltraLED

Very compact low profile minibar using latest LED modules throughout. Providing switchable 180° or full 360° visibility with simple permanent or magnetic installation. Options of permanent or magnetic mounting. See page 4 for further details.



XP Minibar

Compact minibar designed to suit halogen, strobe or LED technology. Versions for magnetic or permanent mounting, choice of lens colours and options for integral alley lights etc. Can accommodate integral siren if required. See page 5 for further details.

LIGHTBAR OPTIONAL EQUIPMENT

Light bars are normally designed to meet specific requirements and available in a wide range of lengths and colours, with various customisation opportunities. Some of the popular possibilities are shown below, but please contact our sales department to discuss availability of particular options on specific lightbar ranges. Haztec regu-

larly produces customised or even bespoke products, if the equipment you require is not shown please contact our sales team for further details.



Alley Lights

Mounted in the ends of lightbars allowing areas to the side of the vehicle to be illuminated, they are available with either halogen or LED light sources. LED versions have a power consumption that is much lower than a halogen lamp and a working life of around 50,000 hours- many times longer than a halogen alternative.



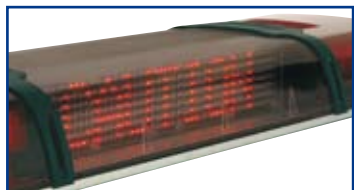
Scene / takedown lights

Mounted on the front and or rear of the lightbar, they provide white light to illuminate a work scene. They typically incorporate an optical design that directs the light downwards and can often be programmed to also flash as part of the warning light sequence.



Headlights

Mounted on the front and or rear of the lightbar, they provide white light to illuminate a work scene. They typically incorporate an optical design that directs the light downwards and can often be programmed to also flash as part of the warning light sequence.



Info Signs

LED dot matrix displays that provide fixed or scrolling messages / pictograms to warn and inform other traffic. Messages are normally pre-programmed and selected from a library of messages using a controller mounted in the vehicle.



Centre signs

Used to clearly identify the vehicle, can often enhance the warning capability by providing advanced notification of the type of hazard about to be encountered. Centre signs can also be used to promote corporate branding.

Centre signs can be illuminated with either low cost tungsten or low maintenance LED lighting.



Speaker grille

Many lightbars can accommodate the siren speaker. A range of speakers is available to suit different applications.



Stop / Tail / Turn lights.

Duplicates the stop, tail and turn lighting of the vehicle. Can be especially valuable on vehicles where the rear lighting could be obstructed or obscured.



Lens inserts

Strobe & halogen light sources generate white light. A coloured lens is then used to produce the desired warning colour. Lens inserts allow a dual colour output to be generated. With Modern LED technology, the LEDs generate the required coloured light, allowing clear lenses to be used and avoiding the need for lens inserts



Mirrors

When beacons or other wide angle light sources are used, mirrors can dramatically enhance the output of the lightbar by re-directing otherwise wasted light. They can also emphasise the light in a particular direction.

LIGHTBAR ILLUMINATION OPTIONS

The 3 basic lightbar illumination technologies are halogen, strobe and LED. Some lightbars are only compatible with LED technology others are compatible with multiple technologies, the final choice being to suit user preferences. Halogen or strobe lightbar illumination is provided by components that have been

specifically designed to be mounted inside lightbars. If LED technology is preferred, there is a wide choice of fitted components. Some of these components are specifically designed for use inside lightbars only, but the majority are available either as components in lightbars or as stand alone beacons / directional warning units.

Halogen Rotators

- Lowest cost solution
- Simple to maintain
- Typical lamp life 2,000 Hrs
- Lamp guarantee N/A
- 1 Year motor / rotator warranty



Strobe Units

- Bright flash
- Low cost
- Variable flash patterns
- Typical lamp life 3,000 Hrs
- 3 month lamp warranty
- 1 Year power pack warranty



360° LED modules - Generation 3

- 50,000 Hr typical life
- High output
- Low current drain
- 5 Year warranty



360° LED modules - Generation 2

- 20,000 Hr typical life
- Low current drain
- 1 Year warranty



Corner LED modules - Generation 3

- Each module provides 90° coverage.
- 50,000 Hour typical life
- High output
- Low current drain
- 5 Year warranty



LED directional modules - Generation 3

- Normally used in addition to corner modules
- 50,000 Hr typical life
- High output
- Low current drain
- 5 Year warranty
- Single or dual colour



ULTRALED

- Magnetic or permanent mount
- Wind tested magnetic versions
- Latest slimline LED technology
- Option for front illumination only



Overview

The ultraLED range of minibars uses latest generation LED technology to provide excellent performance at a very competitive price.

UltraLED 4 incorporates 4 x 6 LED modules (24 LEDs in total), whereas UltraLED 10 uses 10 x 3LED modules (30 LEDs in total). Both options offer superb all round visibility. UltraLED 4 has a choice of 28 different flash patterns, UltraLED 10 has a preselected flash pattern but can be set to all round operation or it can be set to rear only illumination - ideal for motorway escort duty and similar applications.

The use of Latest LED technology ensures a high light output and a 50,000 hour LED life whilst at the same time reducing current consumption to just 2A average (4A max) Power is supplied by a simple pre fitted cigar

plug connector that also incorporates a switch for on / off control and pattern selection on the UltraLED 4 or for selection of full or rear only illumination on UltraLED 10.

Materials

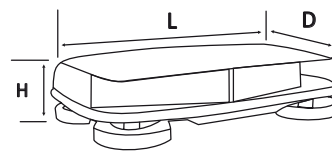
The body is moulded in strong UV stabilised polycarbonate.

Mounting

Can be ordered as a permanent mount version or as a magnetic mount version. The magnetic mount version is supplied with heavy duty rubber paintwork protectors to cover the magnets. An optional quick release safety strap is also available for added security. magnetic mount versions have been independently tested to 250kmh on an actual moving vehicle.

Colour options available	
Lens colour	Clear
LED colours (UltraLED 4)	Amber, Blue, Red or White
LED colours (UltraLED 10)	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 79



Fitted Options

- Magnetic or permanent mount.



- Compact minibar
- Magnetic or permanent mount
- Wind tested magnetic versions available



Overview

XP is a compact minibar which can be configured with various choices of light source from inexpensive halogen, to latest generation LED. XP can be supplied with clear or coloured lenses and can also be configured as an illuminated sign.

Materials

Bases and lenses are moulded in strong UV stabilised polycarbonate.

Configurations

Available with Halogen, strobe or LED light sources, can be supplied with alley lights and / or integral siren if required. Choice of single colour or split lens, optional

clear or coloured lens inserts.

Mounting

Available in permanent or magnetic mount versions, magnetic mount versions are supplied with 3M straight lead, switched plug, 4 x 40KG magnets & moulded rubber protective covers.

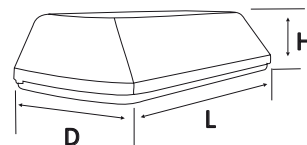
Magnetic mount versions have been independently wind tested to 250km/h on an actual moving vehicle

Approvals

EC65 approved versions in blue and amber with strobe & rotator light sources.

Colour options available	
Lens colours	Amber, Blue, Clear, Red or Green
Sign colours	White (Opal) or Yellow
Lens Inserts	Amber, Red or Clear

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 79



Fitted Options

- Halogen rotating beacons
- LED / Strobe Warning lights & beacons
- LED or Halogen alley lights
- Siren / PA Speaker

See page 2 for more details of fitted options



XCESS-P LED LIGHTBAR

- Ultra thin design
- Optional night / day level settings
- Latest LED technology
- Optional dual colour LED modules
- Integral arrow bar option
- Cruise Mode



Overview

Xcess-P sets the standard for LED lightbars. The slimline design minimises the impact on vehicle aerodynamics, but not at the expense of visibility, latest LED technology offers outstanding brightness with low current consumption. Cleverly designed corner modules provide true 360° visibility with 12 high power LEDs in each module.

In addition to the corner modules, each Lightbar contains a number of directional modules to the front and rear, these modules which can have either clear or coloured lenses can incorporate LED directional warning lights or scene / takedown lights

In addition to any front / rear units, LED alley lights can be incorporated at the side of the lightbar. Many different module combinations can be provided, and this coupled with highly advanced programming capabilities offering functions such as day night light levels, cruise mode and multiple programmable flash patterns, enables Xcess-P to be configured to meet exact requirements.

LED modules are designed specifically for use with Xcess-P and can be supplied as single or dual colour types.

Where dual colour LED modules are used, many different

switching patterns can be achieved including blue warning patterns with additional amber arrowbar functionality. Selectable options include separate switching of front / rear corner and inner LED modules, as well as cruise mode on corner or inner modules, plus arrow / warning functions on inner modules.

Xcess-P can be interfaced directly with the Haztec Eurosmart controllers, or alternatively a breakout unit is available to allow user supplied switches to be used to control required functions.

Materials

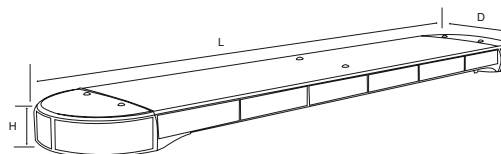
The shell is manufactured from anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Fixing

Various mounting kits are available including moulded rubber, adjustable permanent mounts, and hook kits. See page 13 for more details

Colour options available	
Lens colours	Amber, Blue, Clear or Red
Sign colours	White (Opal) or Yellow
LED colours (dual colour modules)	Amber / White, Amber / Red, Amber / Blue, Amber / Green / Blue / Red, Blue / Green
LED colours (single colour modules)	Amber, Blue, Red, White or Green

Dimensions (mm)		
L - 420 - 2456	D - 135	H - 70



Fitted Options

- Illuminated centre sign.
- LED alley lights
- LED take down lights

See page 2 for more details of fitted options

- **Extremely versatile design**
- **Low profile**
- **Integral speaker options**
- **High visibility lens design**



Overview

The new Xpert Lightbar range offers excellent quality with extreme versatility at a competitive price. Xpert is available in two formats, a low profile Xpert or a raised profile Xpert DX. With an overall height of just 79mm, Xpert offers an optimum combination of slim aerodynamic design coupled with a large light emitting area to maximise safety. It is ideally suited to the latest long life, low maintenance LED modules. It is also ideally suited to strobe light sources. Xpert incorporates a strong, rigid extruded aluminium base along with a sleek curved end design and is available in an extensive choice of lengths, with custom lengths also available to order. A wide selection of lens, lens clamp and centre piece colours and sizes, is available (see below.) Speakers can easily be incorporated for PA and siren functions. Other options such as LED or Halogen alley /

scene lights, as well as clear or coloured lens inserts can also be added if required.

Materials

The base is manufactured from anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Mounting

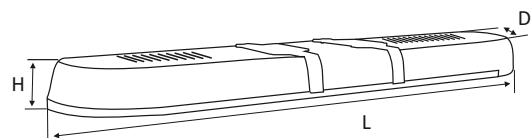
A comprehensive choice of mounting kits is available see page 13 for further details. To maintain ingress protection, mounting kits attach simply and securely to the base extrusion without the need for additional drilling

Approvals

EC65 approved in blue and amber versions.

Colour options available	
Lens colours	Amber, Blue, Clear, Green or Red
Centre lenses	Amber, Blue, Clear, Red or Black
Sign colours	White (Opal) or Yellow
lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 79



Fitted Options

- **LED or Strobe Warning lights**
 - **Stop / Tail / Turn lights**
 - **LED or Halogen scene lights**
 - **LED or Halogen alley lights**
 - **Illuminated centre sign**
 - **Siren / PA Speaker**
- See page 2 for more details of fitted options



XPert DX LIGHTBAR

- Extremely versatile design
- Raised base profile
- Integral speaker options
- High visibility lens design



Overview

Xpert DX shares a common design theme with the Xpert lightbar, but has a raised base profile making it ideal for use with halogen rotator light sources.

Apart from the raised base Xpert DX is similar to Xpert. The same options that are offered with Xpert are also available with Xpert DX, allowing the same options for lengths, lens colours etc.

Speakers can easily be incorporated for PA and siren functions. Other options such as LED or Halogen alley / scene lights, as well as clear or coloured lens inserts can also be added if required.

Xpert DX can also accommodate the infosign system.

Materials

The base is manufactured from anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Mounting

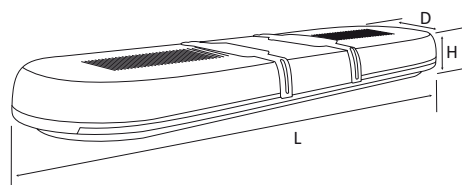
A comprehensive choice of mounting kits is available see page 13 for further details. To maintain ingress protection, mounting kits attach simply and securely to the base extrusion without the need for additional drilling

Approvals

EC65 approved in blue and amber versions.

Colour options available	
Lens colours	Amber, Blue, Clear, Green or Red
Centre lenses	Amber, Blue, Clear, Red or Black
Sign colours	White (Opal) or Yellow
Lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 99



Fitted Options

- Halogen rotating beacons
- LED or Strobe Warning lights & beacons
- Stop / Tail / Turn lights
- LED or Halogen scene lights
- LED or Halogen alley lights
- Illuminated centre sign
- Siren / PA Speaker
- Infosign system

See page 2 for more details of fitted options



- Extremely versatile design
- Can accommodate infosign system
- Optional additional headlamp and sidelight units



Overview

Xpress is extremely versatile and can be configured in many different ways. Speakers can easily be incorporated in many different ways. Speakers can easily be incorporated for PA and siren functions. The speaker can be housed behind a dedicated speaker grille, or an illuminated centre sign can be fitted that incorporates a speaker mesh. Alternatively the centre section can be used to accommodate the Infosign LED message display system. Other options such as LED or Halogen alley / scene lights or external sidelight / headlamp units. can be added if required along with clear or coloured lens inserts . Xpress can also accommodate LED arrowbar direction systems or stop / tail / turn lights. or fitting with equipment by others.

Materials

The base is manufactured from anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Mounting

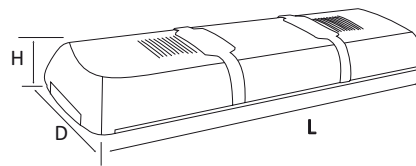
A comprehensive choice of mounting kits is available see page 13 for further details. To maintain ingress protection, mounting kits attach simply and securely to the base extrusion without the need for additional drilling

Approvals

EC65 approved in blue with LED light source and in blue and amber with Strobe &, Rotator light sources.

Colour options available	
Lens colours	Amber, Blue, Red, or Clear
Centre lenses	Amber, Blue, Clear, Red or Black
Sign colours	White (Opal) or Yellow
Lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 79



Fitted Options

- Halogen rotating beacons
- LED / Strobe Warning lights & beacons
- Stop / Tail / Turn lights
- LED or Halogen scene lights
- LED or Halogen alley lights
- Illuminated centre sign
- Siren / PA Speaker
- Infosign system

See page 2 for more details of fitted options



XTREME LIGHTBAR

- Extremely versatile design
- Double tier lighting equipment
- Lower level lighting does not obstruct primary warning
- Can accommodate infosign system
- Optional additional headlamp & sidelight units



Overview

Xtreme is a dual layer lightbar to satisfy the most demanding lightbar requirements. The upper tier is designed to accommodate strobe or halogen primary lights, whilst the lower level accommodates Halogen, LED or strobe lights.

Lower level modules operate without diminishing or obstructing the primary warning lights. Blank lenses can be fitted instead of lighting modules if required in some or all positions. Lower level options include large flood, spot or wide beam alley lights.

In addition to warning lights the upper level of Xtra lightbars can also accommodate the infosign programmable sign system.

Xtreme Lightbars can be supplied complete lightbars or as shell only, for fitting with equipment by others.

Materials

The base is manufactured from heavy duty anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Configurations

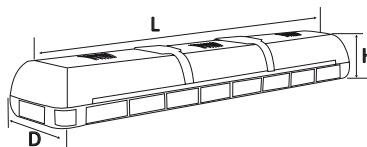
The potential combination of top and lower level lighting equipment allows a vast range of possible configurations to be achieved. Please contact us for a quotation based on your specific requirement or to enable a member our technical sales team to explain the available configuration possibilities.

Mounting

A comprehensive choice of mounting kits is available see page 13 for further details. To maintain ingress protection, mounting kits attach simply and securely to the base extrusion without the need for additional drilling

Colour options available	
Lens colours	Amber, Blue, Clear, Red or Green
Centre lenses	Amber, Blue, Clear, Red or Black
Sign colours	White (Opal) or Yellow
lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 576 - 2544	D - 296	H - 156



Fitted Options

- Halogen rotating beacons
- LED / Strobe Warning lights & beacons
- Stop / Tail / Turn lights
- LED or Halogen scene lights
- LED or Halogen alley lights
- Illuminated centre sign
- Siren / PA Speaker
- Infosign system

See page 2 for more details of fitted options



- Extremely versatile design
- Can accommodate infosign system
- Optional additional headlamp & sidelight units
- Raised profile to avoid obscuration
- Can include lower level lighting modules



Overview

The Xtra lightbar features a substantially raised base. This is designed to help avoid obscuration of the lightbar output when mounted on a high vehicle and viewed from a low level. In addition, the raised base also provides a facility for the mounting of additional lighting equipment without diminishing or obstructing the primary warning lights. As well as warning lights, the upper level of Xtra can also accommodate the Infosign programmable sign system.

Solid internal dividers are used with lightbars incorporating signs to avoid light intrusion. When lightbars have a full lens configuration, clear dividers are used to maximise the effect of mirrors whilst providing excellent rigidity and security.

Xtra Lightbars can be supplied as complete lightbars or shell only for fitting with equipment by others.

Materials

The base is manufactured from heavy duty anodised extruded aluminium, lenses are moulded in strong UV stabilised polycarbonate.

Mounting

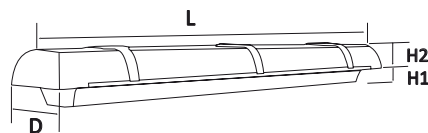
A comprehensive choice of mounting kits is available see page 13 for further details. To maintain ingress protection, mounting kits attach simply and securely to the base extrusion without the need for additional drilling

Approvals

EC65 approved blue and amber with Strobe & Rotator light sources.

Colour options available	
Lens colours	Amber, Blue, Clear, red or Green
Centre lenses	Amber, Blue, Clear, Red or Black
Sign colours	White (Opal) or Yellow
Lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 429 - 1908	D - 292	H - 79



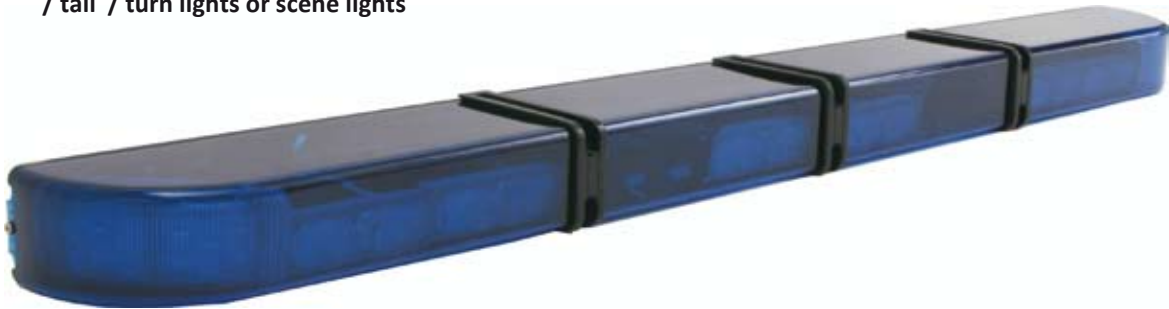
Fitted Options

- Halogen rotating beacons
- LED / Strobe Warning lights & beacons
- Stop / Tail / Turn lights
- LED or Halogen scene lights
- LED or Halogen alley lights
- Illuminated centre sign
- Siren / PA Speaker
- Infosign system
- Halogen headlight & sidelight units

See page 2 for more details of fitted options

XH-50

- Purpose designed for front or rear mounting
- Slim design with high visibility
- Ideally suited to latest LED modules
- Neat moulded end design
- Coloured or clear lenses - can incorporate stop / tail / turn lights or scene lights



Overview

The XH50 is a slimline surface mount bar assembly ideally suited to LED or strobe light sources. Unlike roof mounted light bars, XH-50 is designed to be rear fixed, either sitting above a cab or mounted to the rear of a vehicle without increasing the overall height.

Neatly shaped corners offer an integrated appearance without the expense of custom tooling. End lenses can be cut to any required length, in addition one or more intermediate lenses can be added (clear or opaque) allowing a very wide range of different lengths to be produced. This combined with a large choice of lens, sign and bridge colours allows a bespoke solution at a competitive price.

Materials

Mounting plate is manufactured from painted extruded

aluminium finished in black, lenses are moulded in strong UV stabilised polycarbonate.

Fixing

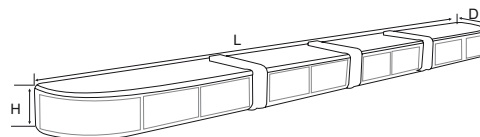
XH-50 Lightbars are designed for direct fixing to the front or rear of the vehicle. To preserve ingress protection, mounting holes do not need to be drilled into the lightbar extrusion. A clever design allows coachbolts to slide into a purpose designed channel on the rear of the extrusion, the bolts are securely held into the lightbar but are free to slide along the length of the bar for simple fixing.

Approvals

EC65 approval pending

Colour options available	
Lens colours	Amber, Blue, Clear or Red
Centre lenses	Amber, Blue, Clear or Red
Sign colours	White (Opal) or Yellow
lens clamp colours	Amber, Blue, Clear, Red or Black
LED colours	Amber, Blue, Green, Red or White

Dimensions (mm)		
L - 420 - 2456	D - 135	H - 70



Fitted Options

- LED / Strobe / Halogen Warning lights
- LED / Strobe / Halogen Warning lights Stop / Tail / Turn lights
- Scene lights
- Illuminated centre Sign



See page 2 for more details of fitted options

LIGHTBAR MOUNTING KITS

Lightbar mounting kits perform the vital task of securing the lightbar to the vehicle body. Please refer to the compatibility chart on page xx for further details. Most Haztec lightbars have a continuous channel in the underside of the extruded

base. The mounting bolts are free to slide along the length of this channel whilst being securely retained in the lightbar extrusion allowing them to be moved to align with the fixing holes.

9-000BK / 9-000XPBK

A simple permanent mount kit consisting of 4 heavy duty rubber spacing adaptors that mount between the vehicle and the bar. Kit is supplied with mounting bolts that fix through the centre of the spacing adaptor.



9-000SBK / 95-SBK

Heavy duty solid moulded rubber mounting kit consisting of 2 rubber mounts and 4 mounting bolts. Mounting bolt heads are inserted into the lightbar base extrusion and bolted to the vehicle. Slotted holes in mounts assist with simple alignment with fixing holes.



9-000HK

Stainless steel hook on mounting kit - avoids the need to drill mounting holes in the vehicle. Consists of a Z bracket that fixes to the lightbar and two separate clamps to fix against the door aperture. Clamps and Z brackets are held together by a bolt and locknut (supplied). Z bracket supports the lightbar weight against the roof, whilst the clamps secure the lightbar in position.



9-000PK

Permanent mount heavy duty stainless steel mounting kit. Raises lightbar profile by 65mm to help prevent obscuration. Fixes to vehicles via 2 bolts on each bracket, kit includes substantial protective rubber spacer to prevent direct bracket contact with vehicle finish and to stop lightbar from sliding under wind pressure.



9-000HPK

Permanent mount high rise stainless steel mounting kit. Raises lightbar profile by 130mm to help prevent obscuration. Fixes vehicle via 2 bolts, kit includes protective rubber strip to prevent direct contact with vehicle finish.



9-000RK

Permanent mount roof rail fixing kit. Consists of 4 metal brackets each supplied with 2 heavy duty coachbolts and locknuts. Designed to secure the lightbar to roof rails (roof rail fixings not included). Coachbolt head inserts into lightbar extrusion base and slides along full length for ease of fixing.



9-000DK

Moulded permanent mount kit secured to vehicle and lightbar via concealed fixing bolts for neat appearance. Supplied as a pair of brackets



95-LPK

Low profile mount kit for xcess and Xcess-P. attaches to underside of lightbar with secure bolt fixing to vehicle roof.



95-XAK

permanent mounting kit designed specifically for use with Xcess and Xcess-P lightbars. Attaches to underside of lightbar extrusion via simple but secure coachbolt fixings. Mounting feet have adjustable angle to suit different vehicles.

