




## Lightbars & Lightbar Layouts

**1** Directional Warning, Arrow/Warning Bars, Message Signs & Ancillary Products  FOLLOW US

**2** Lightbars & Lightbar Layouts 

**3** Sirens, Speakers & Programmable Switching 

**4** Beacons & Beacon Masts 

**5** Work, Scene & Search Lights 

**6** Integrated Warning Systems (IWS) 

**7** R65 Certified Products 

**8** Motorcycle Systems 

Single or dual colours



## Lightbar components

4-11

With a vast choice of lightbar shell profiles and components, Haztec lightbars offer virtually limitless configuration possibilities to meet wide-ranging applications and budgets, ensuring the optimum lightbar for your individual needs.



## (100-) Xpert SLX

12-13

54.5mm high, high output LED lightbar. Fully configurable with a choice of single or dual colour LMS or XEX/XE LED modules, ancillary lights and signs. Lengths from 15-71" (373-1786mm).



## (99-) Xpert SL and Xpert SL DX

14-15

High visibility, low profile LED lightbar designed for the latest LED technology. Full range of component options including 360 degree LED beacon modules, speakers and signs. Lengths from 17-73" (429-1862mm) x 57mm high and 67-86" (1708-2185mm) x 72mm high for the extra rigid base DX version.



## (96-) Xpert

16-17

Similar to the Xpert SL, but with a height of 79mm, making it suitable for the full range of components including 360 degree LED beacon modules and dual row LED modules in addition to signs and speakers. Lengths from 17-75" (429-1908mm).



## (97-) Xpert DX

18-19

Low-line lightbar but with a raised base, providing extra height or rigidity at longer lengths, and designed to accommodate a wide range of lighting options, speakers and centre signs. Lengths from 17-95" (429-2408mm) x 99.5mm high.



## (91-) Xpress lightbar

20-21

Highly versatile lightbar available with a wide range of lighting modules, InfoSign programmable message signs, illuminated signs and acoustic speakers. Lengths from 17-75" (436-1898mm) x 99.5mm high.



## Lightbar mount kits and roof connectors

22-25

Choose from a range of mounting options including permanent, hook-on and roof-rail mount kits.



## (90-) XP minibar

26

Compact 510mm (20") long x 93mm high minibar with optional siren. Magnetic or permanent mount.



R65 Class 2

## (89-) Xpert SLE

27

Compact, low profile LED lightbar with an overall length of just 492mm (19") x 57mm high. Options include integral siren and speaker. Magnetic or permanent mount.



## The art of the possible

With many years of experience in the industry, Haztec offers a comprehensive range of lightbars and other visual and audible warning systems to suit any application.

Choose from a wide selection of lightbar lengths and lighting options including high output LED modules, alley, scene/takedown, stop/tail/turn, headlight units and Gatso lights.

Other built-in options include illuminated signs, speakers and Haztec LED message signs. Please see pages 4 to 11 for more detail.

When integrated with one of the latest Haztec LED programmable switching controllers, lightbars deliver a very powerful warning output with multiple flash patterns and synchronisation capability, in addition to cruise and high/low power mode options.

Virtually any configuration is possible.

## UNECE R65 and R10 certification

The majority of Haztec lightbars, warning lights and beacons are independently certified to United Nations regulation ECE R65.

Products certified to the regulation meet minimum standards for light intensity or brightness at all necessary angles. The approval process also verifies flash frequency and light colour under Class 1 and/or the more stringent Class 2 conditions, in addition to water ingress protection.

The certification provides independent verification of the effectiveness of a product's warning capability. Look for the R65 symbols in our literature for certified products or ask for our dedicated R65 brochure.

Haztec products are similarly submitted for independent testing to UNECE Regulation 10 for electromagnetic compatibility.

## Tried and tested

Our onsite test facilities allow us to test products over a wide range of constant and varying conditions, ensuring reliable, trouble-free operation in a variety of differing climates.

Facilities include environmental and salt fog chambers for heat/humidity and corrosion testing respectively, in addition to an IPX5/IPX6 test chamber which also replicates the water ingress test requirements of ECE R65.

Similarly, a vibration test bed allows us to simulate the long-term effects of vehicle-mounted vibration under varying road conditions such as turbulence, inclines/declines and turning.

Magnetic mount versions of our most popular beacons and mini lightbars are tested and certified for use on vehicles travelling at speeds of up to 250km/h (155 mph).

Also on site is a large anechoic chamber allowing precision acoustic testing of sirens and speaker systems, in addition to a dedicated chamber for siren endurance testing. Please see brochure 3 for more detail.

## Conformity of production

To ensure our products meet the rigorous requirements of Conformity of Production (CoP) standards, we carry out regular internal auditing of our manufacturing processes. The procedures employed verify that every product we manufacture corresponds to its specific type approval.

Lenses are manufactured from strong, UV stabilised polycarbonate. Lightbar bases are either anodised extruded aluminium alloy or UV stabilised polycarbonate (Xpert SLE and XP minibar). All components are selected and treated for maximum corrosion resistance. We also hold comprehensive stocks, ensuring a fast turnaround on spares and other components.

## Warranty

Our warranties are amongst the best on the market. For your peace of mind, warranty is normally five years for LEDs, three years for flash controllers, three years on EuroSmart sirens, and one year on all other items, unless indicated otherwise.



FM 75925  
ISO 9001:2015

## Here to help

Our experts are always on hand to advise you on the best configuration for your individual needs.

For pricing or technical advice, or to enquire about local support, please visit [www.haztec.uk](http://www.haztec.uk) or contact us on:

**T: +44 (0)113 202 9115**

**E: [sales@haztec.uk](mailto:sales@haztec.uk)**



**Haztec lightbars are designed  
and manufactured in the UK**



# Optional lightbar equipment



**HAZTEC**  
GLOBAL WARNING

Available in a wide range of lengths, Haztec lightbars can be configured to meet wide-ranging applications.

Some of the most popular options are shown below.

Our experts will be happy to help with your enquiry - please contact us on:

**T: +44 (0)113 202 9115**

**E: [sales@haztec.uk](mailto:sales@haztec.uk)**



## Alley lights

Alley lights are mounted in the ends of the lightbar allowing areas to the side of the vehicle to be illuminated. Available in halogen or LED modules which offer a much lower power consumption and a longer working life of around 50,000 hours. Where internal space is limited, an undermount alley light is also available.



## Scene/takedown lights

Mounted to the front and/or rear of the lightbar, scene or takedown lights provide a powerful white light to illuminate a work scene. Can also be programmed to flash as part of the warning light sequence.



## Headlights

Headlights deliver light to a work scene and can be installed to the front and/or rear of the lightbar.

They typically incorporate an optical design that directs the light downwards and will deliver dipped or full beams.



## InfoSigns

LED message signs can be programmed to display fixed or scrolling warnings using text and/or symbols. Messages are preprogrammed into a library and are easy to select using a controller mounted in the vehicle.

LED message signs for airfield operations are also available.



## Centre signs

A built-in illuminated sign can help provide advanced notification of the type of approaching hazard or provide a more general form of identification. Signs can feature letters, logos and special characters. Can be illuminated with either low cost tungsten or low maintenance LED lighting.



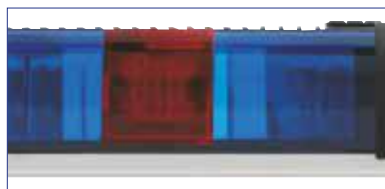
## Speakers and speaker grilles

Most lightbars can accommodate an acoustic speaker or speaker with grille manufactured from polycarbonate or stainless steel. Please see brochure 3 for details of our siren, speaker and programmable controller range or contact our sales team to discuss your requirements.



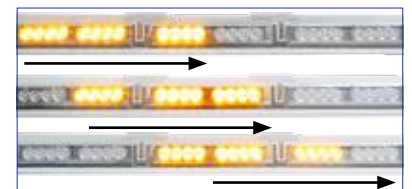
## LED stop/tail/turn lights

Built-in stop/tail/turn lights duplicate the vehicle's stop, tail and turn lighting, and can be especially valuable on vehicles where the rear lighting could be obscured.



## Lens inserts

Used with strobe and halogen lights to generate a separate warning colour or with clear lens inserts for alley lights. Where LEDs are used to generate the coloured light, the lightbar can be built with clear lenses throughout without the need for coloured lens inserts. Cruise mode (steady, low level blue light) is an option on all LED lightbars.



## Arrowbars

Directional arrowbar functions can be built into many lightbars providing a choice of flash modes, including arrow and/or warning patterns and synchronisation options.





The main lightbar lighting technologies are LED, halogen and strobe. Xpert SL, Xpert SLE and the latest Xpert SLX lightbars are purpose designed with the latest LED technology, with halogen and strobe lighting available on Xpress and Xpert DX lightbar.

LED technology provides low current drain and long component life of up to 50-60,000 hours, saving time and money in maintenance, combined with silent operation and no moving parts to wear out.

R10

Haztec products are certified to UN Regulation 10 for electromagnetic compatibility

R65

Most Haztec lightbars, warning lights and beacons are certified to UN R65 for light intensity, colour and flash frequency - look for the R65 symbol or ask for a copy of our R65 brochure

### 360 degree LED modules - Generation 3

- 50,000 hour typical life
- High output, low current consumption
- Multiple flash patterns
- Combine with mirrors for a cost-effective alternative to intensify light output
- High/low brightness settings
- CAP 168 Type C compliant versions available for airport use
- 5 year warranty

90- 91- 96- 97-



Single or dual colours

9-3552 - 360 degree 16LED module

Also available as a single colour 8LED module (9-3552-1)

39mm

90- 91- 96- 97-



9-3541 - 360 degree 12LED module

89- 90- 91- 96- 97- 99- 100-

23.5mm



9-3751 - 360 degree 8LED module



### Halogen rotators

- Lowest cost technology
- Simple to maintain
- Typical lamp life 2,000 hours
- 1 year motor/rotator warranty



### Strobe units

- Bright flash
- Variable flash patterns
- Typical lamp life 3,000 hours
- 3 month lamp warranty



### Mirrors

- Used with 360 degree modules to multiply light output
- Can also help to emphasise the light in a particular direction



- 50,000 hour typical life
- Single or dual row options
- Single or dual colour LED modules
- High output 3W LEDs
- Low current consumption
- 5 year warranty

All end units on this page are R65 certified in many Haztec lightbars - see R65 brochure for details

Brochure  
**R65**

3W LEDs

## 8LED and 16LED corner modules (9-10408/10416)

- Single colour
- Two modules for each lightbar end (4 modules per lightbar)
- Two modules combine for dual row 10416



## XE 4LED/dual 4LED corner module

- Two modules for each lightbar end (4 modules per lightbar)
- 4LED single colour (9-10404) or dual 4LED (9-10504)



## XD1 4LED corner module

- Two modules for each lightbar end (4 modules per lightbar)
- Single colour, single row (9-11404)



## XD2 dual row 8LED corner module

- Two modules for each lightbar end (4 modules per lightbar)
- Single or dual colour LEDs (9-11408)
- 1 colour per row
- Also available with infrared LEDs



## XE 12LED end unit (9-10405)

- Single or dual colours
- Provides enhanced forward and rear lighting
- Supplied as a pair - one module for each end of lightbar
- Add alley lights where required

3W LEDs



## XED single or dual colour end unit (10534)

- Single (20LED) or dual colours (40LED)
- Switchable colours on dual LED modules
- Supplied as a pair - one module for each end of lightbar

Brochure  
**R65**

All end units on this page are R65 certified in many Haztec lightbars - see R65 brochure for details

### XEX single or dual colour end unit

- Single colour (100-10406) or dual colour (100-10407) LED units
- Supplied as a pair - one unit for each lightbar end
- Optional 3LED alley light (9-10423)

For more information on  
R65 certified lightbars  
please see R65 brochure

Brochure  
**R65**



100-

XEX four module end unit (shown without 3LED alley light)



100-

XEX four module end unit with optional 100-10423 alley light

**NEW**



99-

### XT LED corner modules

- Two modules per end, four modules per lightbar
- Single colour XT-1 6LED modules (99-10601)
- Dual colour XT-2 12LED modules (99-10702)
- Tri colour XT-3 18LED modules (99-10803)

### ILS four module end unit

- One unit for each lightbar end with option of 1 or 2 x 9W alley lights per end unit
- Single or dual colour LED module combinations
- 12LED single colour units (64112)
- 24LED dual colour units (64224)

For more information on R65  
certified lightbars please see  
R65 brochure

Brochure  
**R65**



100-

- Used to supplement corner modules
- 50,000 hour typical life
- High output 3W LEDs with low current consumption
- Single or dual colour LEDs
- 5 year warranty



## XE, XD1 & XD2 inner LED modules

- Single or dual colour 3W LEDs\*
- XD2 dual row modules - option of single or dual colour LED modules on each row
- Amber, blue, red, green or white or infrared LEDs
- Can function as takedown (steady white) or cruise (steady low level blue) lights

\* Product codes shown are for single colour versions - please see price guide for details of single and dual colour options and product codes

### Focussed optic

Emits an intense, bright light to illuminate an area directly ahead of, or to the rear of, the vehicle. Used as takedown lights

### Combined optic

Combines the best of both focussed and wide angle optics, projecting a high power light ahead and/or to the rear and also across a wide lateral area.

## Single row inner modules - XE and XD1

89- 99- 100-



XE inner module (9-10425)  
Combined optic

3W LEDs

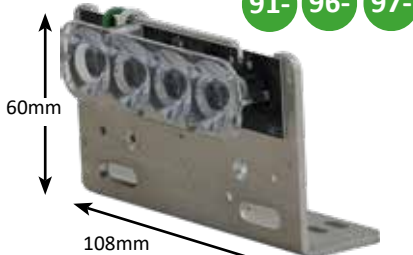
For flashers  
and controls

Brochure  
3

89- 99- 100-



XE focussed/takedown optic  
(9-10414-W)



XD1 focussed/takedown optic  
(9-11414)

91- 96- 97-



XD1 combined optic  
(9-11425)

## Dual row inner modules - XD2



XD2 focussed optic  
(9-11418)

91- 96- 97-



XD2 combined optic  
(9-11429)

91- 96- 97-



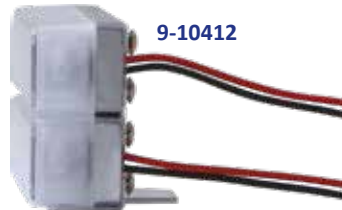
### 9-10406/10412 Linear LED module

- Single or split colours (3+3 LEDs)
- Two modules combine for dual row 10412 module



9-10412

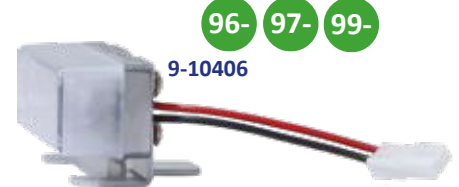
91- 96- 97-



9-10412

For flashers  
and controls

Brochure  
3



9-10406

96- 97- 99-



99-



### XT LED inner modules

- Two lengths - 70mm and 143mm
- Single, dual or tri colours

NEW

### Combined mirror/LED inner modules

- High output, cost-effective mirror/LED combinations to multiply light output
- Single or dual row
- Single or split colour options
- 200 or 280mm lengths



### XEM1 & XEM2 single row modules (for Xpert SLE, Xpert SL & Xpert SLX lightbars)

89- 99- 100-



XEM1 (9-10434) - 200mm

99- 100-



XEM2 (9-10435) - 280mm

3W LEDs

### XDM1 & XDM2 dual row modules (for Xpress, Xpert & Xpert DX lightbars)



XDM1 (9-11534) - 200mm

91- 96- 97-

XDM1 (9-11544) - 280mm



XDM2 (9-11538) - 200mm

91- 96- 97-

XDM2 (9-11548) - 280mm

### LMS inner LED module - Xpert SLX lightbars (100-)

- Single colour LEDs can be warning or spot/takedown lights
- Dual colour LEDs can combine warning and spot/takedown
- 3LED single colour LED modules (51103)
- 6LED dual colour LED modules (51206)
- All modules use 3W LEDs

3W LEDs



LMS inner module

## Dedicated alley/spot/takedown lights, 10-30V

Can be mounted at lightbar end as an alley light or at the front as a takedown light

### 9-10414-W

- XE takedown light
- 4 x 3W LEDs (12W total)
- 5 year warranty



89- 99- 100-

### 9-10423

- 3 x 3W LEDs (9W total)
- Alley/spot/takedown or warning light
- 5 year warranty



99- 100-

### 9-1210P/1212P

- 10W LED
- Spot or flood beam
- 5 year warranty



91- 96- 97- 99-

### 9-1129P

- 3 x 3W LEDs (9W total)
- Flood beam
- 2 year warranty



89- 91- 96- 97- 99-

### 9-2054P

- 3x3W LEDs (9W total)
- Flood beam
- Moulded housing
- 1 year warranty



89- 91- 96- 100-

## 'E' marked Stop/Tail/Turn and reversing lights

### 9-10016 series stop/tail/turn and reversing lights

- E marked lights with powerful 3 Watt LEDs
- 124 wide x 30mm high
- 5 year warranty



R6 R7

R23

91- 96- 97- 99-

### 9-135 series 'E' marked stop/tail/turn lights

- Amber turn, red stop/tail and amber/red stop/tail/turn variants
- 135 wide x 38mm high
- 2 year warranty



R6 R7

91- 96- 97- 99-



Order code	Maximum capacity	No of outputs	EuroSmart software compatible	Xpert SLE	XP	Xpress	Xpert	Xpert SL	Xpert SLX
9-62240	4 corners + 4 inners	2		•	•	•	•	•	•
9-62400	4 corners + 2 inners	4				•	•	•	
9-62812	4 corners + 14 inners	12	•			•	•	•	
9-62820	4 corners + 20 inners	20	•			•	•	•	
99-82814	4 corners + up to 12 inners	4		•	•	•	•	•	•
99-82838	4 corners + up to 12 inners	8		•	•	•	•	•	•
99-82848	4 corners + up to 12 inners LINbus	8	•	•	•	•	•	•	•
99-82858	4 corners + up to 12 inners CANbus	8	•	•	•	•	•	•	•

Please note maximum capacity based on XE / XD1 modules - please contact sales for other options



99-62240



6-62812



99-82814/38



6-62400



6-62820



99-82848/58

## Speakers and integrated siren/PA systems



Xpert SL with 8-82613 EuroSmart siren amplifier and 8-9100-SLA 100W acoustic speaker

Brochure  
**3**

For the full range of lightbar sirens, speakers, flashers and controls



50W (8-9151-A) or 100W (8-9152-A)

**NEW**



150W (8-9275-B)

# Xpert SLX lightbar (100-)



**HAZTEC**  
GLOBAL WARNING

- Ultra low profile lightbar - just 54.5mm high
- High output, multi-colour LEDs
- R65 Class 2 approved in amber/blue/red LED module combinations
- Many different configuration possibilities
- Lengths from 373-1786mm (15-71")



## Overview

At just 54.5mm high, the Xpert SLX is Haztec's lowest profile lightbar, combining an aerodynamic profile with powerful LED lighting output.

Designed for simple 'plug and play' operation, the Xpert SLX can be controlled by programmable Haztec or customer supplied switching systems. Programmable CANbus and LINbus control units are also available.

The SLX is fully configurable for synchronisation of LED modules and cruise, high/low power, directional arrow patterns, and front/rear operation.

## Materials

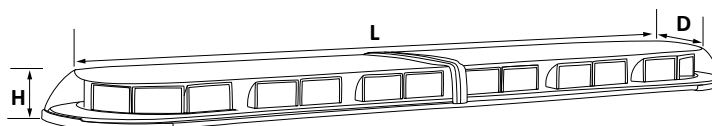
- Lens: strong UV stabilised polycarbonate
- Base: rigid anodised extruded aluminium

## Mounting

- See pages 22-25 for details of suitable mounting kits

## R65 approvals

- Class 2 amber/blue, amber/red, blue/red LED combinations or single colour LEDs



Colour options available	
Lens colours	Amber, blue, clear or red
Centre lenses	Amber, blue, clear, opal (white) or red
Lens inserts	Amber, clear or red
Sign colours	White (opal) or yellow Can be black if no sign required
Bridge colours	Amber, black, blue, clear, opal (white) or red
LED colours	Amber, blue, green, red or white Available in up to quad colour combinations

Xpert SLX dimensions			
Length		Depth	Height
15"	373mm	204mm	54.5mm (56.7mm including bridge)
20"	516mm		
26"	657mm		
31"	798mm		
37"	939mm		
43"	1080mm		
48"	1221mm		
54"	1363mm		
59"	1504mm		
65"	1645mm		
71"	1786mm		

**XPERT SLX**



With XEX corner modules and XE inners



LMS version

12





### LMS configuration

- Choice of end units, corner, inner and/or 360 degree LED modules and ancillary options such as directional arrowbars, illuminated signs and clear or coloured lens inserts
- End units for 100- models are available in single colour 12, 16 or 24LED, or dual colour 24LED four module units providing high light output to the sides, front and rear. (The standard version is the 12LED). Alternatively, the 99-3751 360 degree LED module with V mirrors is available
- Lightbar inners can be left blank or configured with a choice of LMS and/or single row XE or XEM LED modules. Available in single or split colour combinations, XEMs combine LEDs with mirrors to give high light output at a cost-effective price
- LED modules can function as a single colour warning or spot/takedown, or combined warning and spot/takedown, alley light or arrow/warning light if the dual colour version is fitted

### XPert SLX



Optional clear lens inserts for multi-colour LED modules incorporating alley lights (100-/101- lightbars)



### XEX single or dual colour end units

- Single colour (100-10406) or dual colour (100-10407)
- Supplied as a pair - one unit for each lightbar end
- Optional 3LED alley light (9-10423)



XEX four module end unit (shown without 3LED alley light)



XEX four module end unit with optional 100-10423 alley light

### Programming options

- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns
- Fully programmable to special requirements



Two shorter lightbars can be configured for front/rear or left/right synchronisation or simultaneous flash

# Xpert SL & SL DX slimline LED lightbar (99-)



**HAZTEC**  
GLOBAL WARNING

- Streamlined profile, just 57mm high
- R65 approved in single and dual colour combinations
- Options include night/day level settings, cruise mode, independent front/rear switching and directional arrowbar functions
- DX version for extra height or increased rigidity on longer lengths
- Lengths from 429-2185mm (17-86") - see table below



## Overview

With a height of just 57mm, the Xpert SL is designed to neatly accommodate the latest Haztec LED technology, providing a high output, high visibility LED lightbar with a very aerodynamic profile.

The Xpert SL is available with a wide choice of lighting options including XE high output corner and inner LED modules and low profile 360 degree LED beacon modules. Centre sections can contain coloured or clear lenses with inner lighting modules or can be opaque with or without an illuminated sign.

The latest generation of Haztec controllers provides sophisticated flash patterns and functions such as cruise and dim mode to reduce output under low light conditions, in addition to arrowbar modes.

The Xpert SL-DX features a raised profile base for extra height where needed or increased rigidity at longer lengths.

## Materials

- Lens: strong UV stabilised polycarbonate
- Base: rigid anodised extruded aluminium

## Mounting

- See pages 22-25 for details

## R65 approvals

Single colour lightbars with:

- XE modules: Class 1 amber, Class 2 blue
- 10534 modules: Class 2 amber, Class 2 blue
- XT modules: Class 2 amber, Class 2 blue, Class 2 red
- 10408 modules: Class 1 amber, Class 2 blue, Class 2 red

Dual colour lightbars with:

- 10534 modules: Class 2 amber, Class 2 blue
- XT modules: Class 2 amber, Class 2 blue, Class 2 red

Tri colour lightbars with:

- XT modules: Class 2 amber, Class 2 blue, Class 2 red

Xpert SL and Xpert SL DX dimensions				
Length	Xpert SL	Xpert SL DX	Depth	Height
17"	492mm	•		
23"	589mm	•		
28"	709mm	•		
32"	809mm	•		
36"	909mm	•		
39"	990mm	•		
42"	1060mm	•		
43"	1089mm	•		
45"	1150mm	•		
48"	1229mm	•		
55"	1408mm	•		
60"	1528mm	•		
67"	1708mm	•	•	
73"	1862mm	•	•	
86"	2185mm		•	

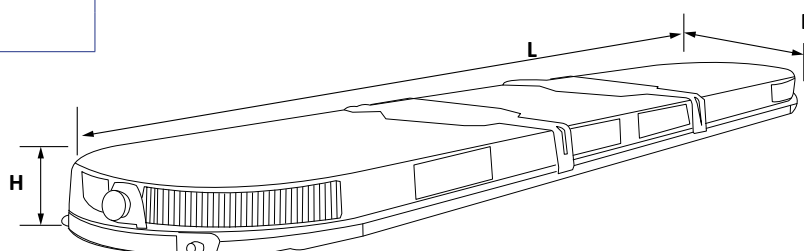
Xpert SL:  
57mm (61mm\*)  
Xpert SL DX:  
72mm (76mm\*)  
  
\* including bridge



Xpert SL



Xpert SL DX



**XPERT SL**

14



**XPERT SL**

**Fitted options**

- 10408, XE, XEM1, XEM2, XED & 3751 LED modules
  - LMS inner LED modules
  - LED or halogen alley lights
  - LED or halogen scene/takedown lights
  - Stop/tail/turn lights
  - Gatso lights
  - Illuminated centre sign
  - Arrowbar functions
  - Speaker
  - Domed search light
- See pages 4-11 for more options

Colour options available	
Lens colours	Amber, blue, clear or red
Lens inserts	Amber, clear or red
Sign colours	White (opal) or yellow Can be black if no sign required
Bridge colours	Amber, black, blue, clear or red
LED colours	Amber, blue, green, red or white
Vinyl top	Various colours - please enquire



# Xpert lightbar (96-)



**HAZTEC**  
GLOBAL WARNING

- Low profile (79mm high)
- Fully versatile design including integral speaker options
- Optional dual row LED modules maximise warning capability
- R65 approved in single and dual colour combinations
- Lengths from 429-1908mm (17-75")



## Overview

The Xpert lightbar range delivers excellent quality and versatility at a highly competitive price.

With an overall height of just 79mm, the Xpert combines a slim aerodynamic design with a large light emitting area to maximise safety. It is ideally suited to the latest long-life, low maintenance LED modules.

The Xpert has been designed to accommodate either single or dual row corner and inner LED modules and 9-3541/3552/3751 360 degree LED modules (see pages 4-11 for detail).

The Xpert features a sleek, curved end design and is available in an extensive choice of lengths, with custom lengths also available to order.

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

## Materials

- Lens: strong UV stabilised polycarbonate
- Base: rigid anodised extruded aluminium

## Mounting

- See pages 22-25 for details of suitable mounting kits

## R65 approvals

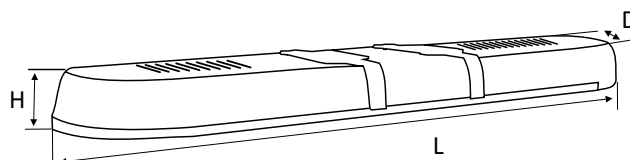
Single colour lightbars with:

- 9-10408 modules: Class 1 amber, Class 2 blue
- XD1 modules: Class 1 amber, Class 2 blue
- XD2 modules: Class 2 amber, blue or red

In addition the following lightbars are approved in dual colours:

- 9-10416 (2x10408) modules: Class 1 amber and Class 2 blue
- Double row of XD1 modules: Class 1 amber and Class 2 blue

Colour options available	
Lens colours	Amber, blue, clear or red
Lens inserts	Amber, clear or red
Sign colours	White (opal) or yellow Can be black if no sign required
Bridge colours	Amber, black, blue, clear or red
LED colours	Amber, blue, green, red or white



**XPERT SL**

Xpert and Xpert DX dimensions				
Length	Xpert	Xpert DX	Depth	Height
17" 429mm	•		292mm	Xpert: 79mm (82.9mm*)  Xpert DX: 99.5mm (103.55mm*)  * including bridge
23" 589mm	•			
28" 709mm	•			
32" 809mm	•			
36" 909mm	•			
39" 989mm	•	•		
43" 1089mm	•	•		
48" 1229mm	•	•		
55" 1409mm	•	•		
60" 1528mm	•	•		
67" 1708mm	•	•		
75" 1908mm	•	•		
81" 2048mm		•		
88" 2228mm		•		
95" 2408mm		•		





### Fitted options

- 9-3541/3552/3751 360 degree rotating modules
- 9-10406/08/12/16, XD1 & XD2, XDM1 & XDM2 LED modules
- LED or halogen alley lights
- LED or halogen scene/takedown lights
- Headlight units
- Stop/tail/turn lights
- Gatso lights
- Illuminated centre sign
- Siren/PA speaker/speaker grille
- Domed search light

**XPERT SL**

**SEE PAGES  
4-11**

For details of fitted options please see pages 4-11 or contact our sales team

### Programming options

- Fully programmable to special requirements
- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns

**Lengths up to 75"  
(1908mm)**



With XD2 corners and inners and illuminated centre sign



With XD2 corners and inners and indicator lights



With 2 x 9-3541 360 degree LED modules, stop/tail/turn lights, headlights and illuminated centre sign

**Brochure  
3**

For Haztec lightbar flashers and controls, please see our siren and controls brochure



With 2 x 9-3541 360 degree LED modules and illuminated centre sign

# Xpert DX lightbar (97-)



**HAZTEC**  
GLOBAL WARNING

- Raised base profile for extra height and rigidity
- Optional integral speaker
- High visibility lens design
- Lengths from 429-2408mm (17-95")



Lengths up to 95"  
(2408mm)

## Overview

The Xpert DX shares a common design theme with the Xpert, but with a raised base profile, providing extra height where required or increased rigidity on longer lengths, and allowing halogen rotators and 360 degree strobe lighting units to be incorporated, in addition to the many LED modules available on the Xpert.

Speakers can be incorporated for PA and siren functions. Other options such as centre signs, and alley/scene lights and clear or coloured lens inserts can also be incorporated.

## Fitted options

- 9-10406/08/12/16, XD1 & XD2, XDM1 & XDM2
- 3541, 3552 & 3751 360 degree LED modules
- Halogen rotators
- Strobe warning lights and beacons
- LED or halogen alley lights
- LED or halogen scene/takedown lights
- Headlight units
- Stop/tail/turn lights
- Illuminated centre sign
- Siren/PA speaker/speaker grille
- Domed search light

## Programming options

- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns
- Fully programmable to special requirements

## Materials

- Lens: strong UV stabilised polycarbonate
- Base: rigid anodised extruded aluminium

## Mounting

- See pages 22-25 for details of suitable mounting kits

### Colour options available

Lens colours	Amber, blue, clear or red
Lens inserts	Amber, clear or red
Sign colours	White (opal) or yellow Can be black if no sign required
Bridge colours	Amber, black, blue, clear or red
LED colours	Amber, blue, green, red or white

For details of fitted options please see  
pages 4-11 or contact our sales team

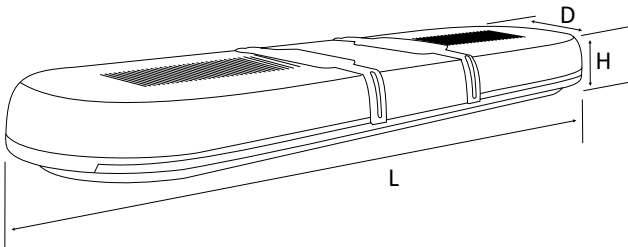
SEE PAGES  
**4-11**

**XPERT DX**

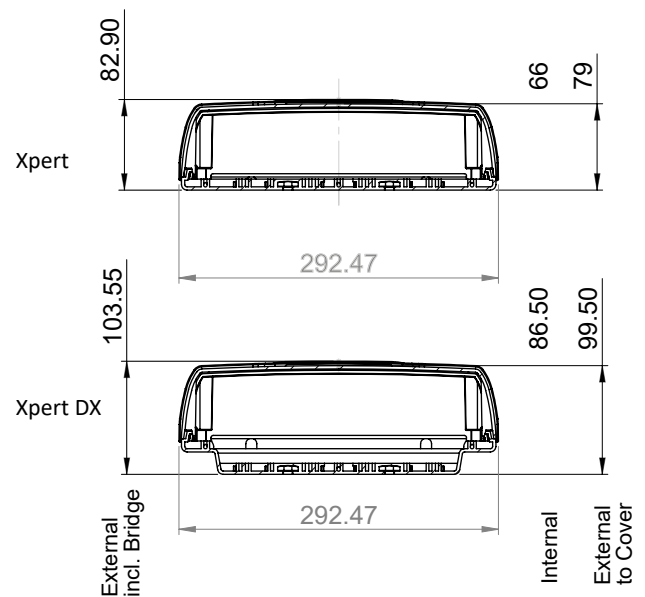
For Haztec lightbar flashers  
and controls, please see our  
siren and controls brochure

Brochure  
**3**



**XPERT DX**

**Xpert and Xpert DX dimensions**

	Length	Xpert	Xpert DX	Depth	Height
17"	429mm	•		292mm	Xpert: 79mm (82.9mm*)  Xpert DX: 99.5mm (103.55mm*)  * including bridge
23"	589mm	•			
28"	709mm	•			
32"	809mm	•			
36"	909mm	•			
39"	989mm	•	•		
43"	1089mm	•	•		
48"	1229mm	•	•		
55"	1409mm	•	•		
60"	1528mm	•	•		
67"	1708mm	•	•		
75"	1908mm	•	•		
81"	2048mm		•		
88"	2228mm		•		
95"	2408mm		•		



With linear bar light

# Xpress lightbar (91-)



**HAZTEC**  
GLOBAL WARNING

- Extremely versatile design
- Can accommodate Haztec InfoSign message system
- Optional headlamp and sidelight units
- Lengths from 436-1898mm (17-75")



## Overview

The Xpress is an extremely versatile lightbar which offers a wide choice of configurations.

Speakers can easily be incorporated for PA and siren functions, housed either behind a dedicated speaker grille or illuminated centre sign incorporating a speaker grille. Other options, such as LED or halogen alley/scene lights, stop/tail/turn lights or external sidelight/headlamp units, can also be incorporated along with clear or coloured lens inserts.

The Xpress can also accommodate an LED InfoSign message system or LED arrowbar system.

A choice of controllers allows multi-flash patterns, high/low power for night-time use, cruise and front/rear and inner/outer switching options if required.

Colour options available	
Lens colours	Amber, blue, clear or red
Lens inserts	Amber, clear or red
Sign colours	White (opal) or yellow Can be black if no sign required
Bridge colours	Amber, black, blue, clear, opal or red
LED colours	Amber, blue, green, red or white

Brochure  
**3**

For Haztec lightbar flashers and controls,  
please see our siren and controls brochure

**XPRESS**

## Materials

- Lens: strong UV stabilised polycarbonate
- Base: anodised extruded aluminium

## Mounting

- See pages 22-25 for mounting kit options

## R65 approvals

- XD2 LED lightbar: Class 2 blue
- Halogen lightbar: Class 1 amber or blue
- Strobe lightbar: Class 1 amber or blue

## Fitted options - see pages 4-11

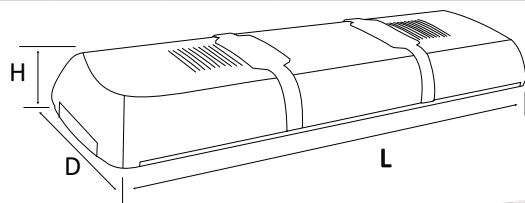
- 3541, 3552 & 3751 360 degree LED modules
- 10408, XD1 & XD2, XDM1 & XDM2 LED modules
- Halogen rotators
- Strobe warning lights and beacons
- LED or halogen alley lights
- LED or halogen scene/takedown lights
- Headlight units
- Stop/tail/turn lights
- Gatso lights
- InfoSign LED message system
- Illuminated centre sign
- Siren/PA speaker

## Programming options

- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns
- Fully programmable to special requirements



Xpress dimensions		
Length	Depth	Height
17"	436mm	291mm 99.5mm (103.5mm including bridge)
19"	496mm	
23"	576mm	
28"	712mm	
34"	876mm	
38"	972mm	
41"	1032mm	
43"	1092mm	
47"	1192mm	
54"	1362mm	
59"	1492mm	
67"	1704mm	
75"	1898mm	

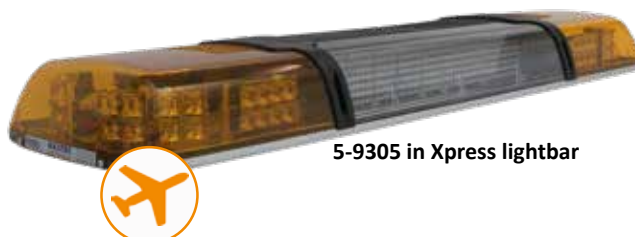
**XPRESS**

**5-9307 9 x 70mm high character airport LED message sign**

- Airport InfoSign supplied as part of Xpress lightbar
- Amber left/right arrows, amber FOLLOW ME and red STOP functions
- 2 year warranty

**INFOSIGN**

**5-9305 9 x 70mm high character LED message sign**

- Programmable weatherproof InfoSign
- Amber or red LEDs
- Up to 99 messages
- Standalone or built into Xpress lightbar



5-9305 in Xpress lightbar

- **Permanent mount:** All Xpert, Xpert SLX and Xpress lightbars have a continuous channel in the underside of the extruded base. The mounting bolts slide along the length of this channel to align with the fixing holes and are then securely retained in the lightbar extrusion without the need for additional drilling. All screws and bolts are manufactured from stainless steel for longevity.
- **Hook-on mount:** hook-on mount kits avoid the need to drill mounting holes in the vehicle roof.
- **Roof rail mount:** a choice of two roof rail kits provide a further mounting alternative where there is a need to preserve the vehicle roof
- **Magnetic mount:** Shorter length lightbars are also suited to magnetic mounting. The magnetic mount kit includes a 3 metre straight lead, switched plug and 4 x 34kg magnets with heavy duty, moulded rubber covers to protect magnets and preserve vehicle paintwork. Heavy duty 80kg magnets are used where a siren is fitted or a stronger pull is desired. Magnetic kits are wind speed tested to ensure they are fit for purpose. An optional quick release safety strap is available for added security. A heavy duty carry case is also available for the Xpert SLE minibar; the case has velcro strips that hold it in place on carpet during transit.

## Permanent mount kits



### 9-000BK

A simple permanent mount kit consisting of four 20mm high heavy duty rubber spacing adaptors and mounting bolts. The spacing adaptors fit between the vehicle and the bar. Supplied with mounting bolts that fix through the centre of the spacing adaptor.



### 9-000SBK

Heavy duty solid moulded rubber mounting kit consisting of two 41mm high rubber mounts and four mounting bolts. The bolt heads are inserted into the lightbar base extrusion and bolted to the vehicle. Slotted holes in the mounts make it easy to align with fixing holes.



### 9-000-SXBK

As 9-000SBK but rubber mounts are 30mm high. Designed for use with Xpert SLX lightbars.



### 9-000PK

Heavy duty stainless steel permanent mounting kit which raises the lightbar profile by 65mm. Fixes to the vehicle via two bolts on each bracket. Includes a substantial protective rubber spacer to prevent direct bracket contact with the vehicle finish and to stop the lightbar from sliding under wind pressure.



### 9-000HPK

As 9-000PK but kit raises the lightbar profile by 130mm.

### 9-000-UAK universal lightbar mount kit

- Versatile lightbar mount kit suits most vehicle types
- Permanent (9-000-UAK) and bolt-through roof rail variants (9-000-URK)
- High degree of adjustability for very precise direction of light for maximum warning capability
- Glass reinforced nylon - high strength, lightweight and non corroding
- Designed for ease of installation – can be fastened from inside or outside the vehicle



9-000-UHK hook-on kit

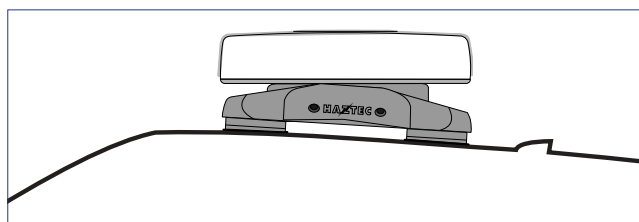
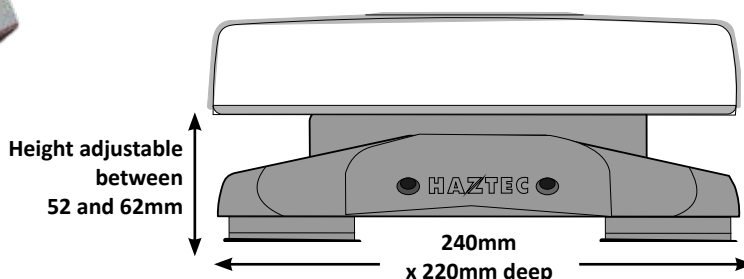


9-000-URK roof rail kit

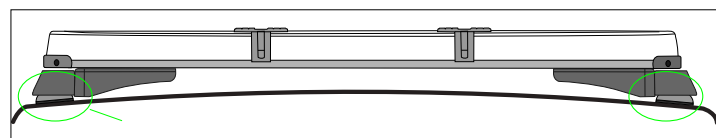
#### Dimensions:

Width 240 base / 155mm L bracket  
Combined depth 222mm total (base and L)  
Height 52–62mm (adjustable)

Order Code	Description
9-000-UHK	Universal mount kit - hook-on mount
9-000-UAK	Universal mount kit - permanent mount
9-000-URK	Universal mount kit - roof rail mount



Tilt mechanism ensures lightbar is always horizontal irrespective of roof slope



Pivoted feet automatically adjust to compensate for roof curvature

## Roof rail kits

### 9-000RK roof rail kit

Roof rail fixing kit, consisting of four metal brackets each supplied with two heavy duty coach bolts and locknuts. The coach bolt head inserts into the lightbar extrusion and slides along the full length for ease of fixing. (Please note: roof rail fixings not included).



### 9-000RHK roof rail kit

Kit of two heavy duty brackets designed to clamp onto a variety of modern profile roof rails.



### 9-000SOK roof rail kit

Kit of four brackets designed to clamp onto a variety of modern profile roof rails. Rail mounting bolts slide into the lightbar extrusion and, when tightened, secure the clamp against the rail. Suitable for Xpress lightbars.

### 9-000SRK roof rail kit

As 9-000SOK but suitable for Xpert, Xpert DX, Xpert SL and Xpert SL DX lightbars.

## Hook-on mount kits

### 9-000HK hook-on kit

Kit 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). The Z bracket supports the lightbar weight against the roof, whilst the clamps secure the lightbar in position. A substantial protective rubber spacer prevents direct bracket contact with the vehicle finish and stops the lightbar from sliding under wind pressure.





## NEW 9-0017 quick release roof connector, 12/24V

- 17 x10A pin straight or 90 degree angled connector with flexible protective conduit capable of taking different cable sizes
- Secured in place via four concealed fixing studs. Moulded gasket with integrated splash guard ensures excellent sealing with the vehicle
- Standing conduit length 300mm (other lengths available)
- Adjust to suit mounting space
- Fully weatherproof, IP67 rated

### Materials

- Moulding: UV stabilised polycarbonate
- Connector: Corrosion resistant chrome plated alloy

### Voltage

- Suitable for 12 or 24V use

9-0017-S straight connector

9-0017-A angled connector



## 9-0008/9-0012 roof mount connector, 12/24V

- Rugged weatherproof right-angled 8 or 12 pin connector with quick-release locking mechanism, suitable for powering lightbars that may need to be removed
- Normally supplied complete with wiring loom but can be ordered with separate push lock connectors allowing the loom to be cut to the desired length and the connectors fitted without specialist tools



Please specify this length when ordering

# XP minibar (90-)



**HAZTEC**  
GLOBAL WARNING

- 20" (510mm) long compact minibar
- Magnetic or permanent mount
- Magnetic versions wind speed tested to 250km/h

**XP MINIBAR**



Magnetic mount  
versions wind speed  
certified to  
**250km/h  
(155mph)**

## Overview

A compact bar, the XP minibar can be configured with various lighting options from inexpensive halogen and strobe units to the latest generation long-life LED modules. Other options include LED or halogen alley lights.

The XP is available in clear or coloured, single colour or split lenses, with optional clear or coloured lens inserts.

XP minibars can also be supplied with an opal white lens for use as an illuminated sign.

## Materials

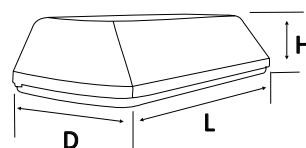
- Lens and base: strong UV stabilised polycarbonate

## Mounting

- Permanent - 1, 2 or 4 bolt fixing
- Magnetic mount version independently wind speed certified to 250km/h (155mph). Supplied with 3 metre straight lead, switched plug and 4 x 34kg (-M models) or 4 x 80kg (-HM models) magnets with heavy duty, moulded rubber covers to protect magnets and preserve vehicle paintwork. Accessories include: optional quick release safety strap

Colour options available	
Lens colours	Amber, blue, clear, green or red
Sign colours	White (opal) or yellow
Lens Inserts	Amber, clear or red

Dimensions (mm)		
L - 510 (20")	D - 220	H - 93



## Fitted options

- 3541, 3552 & 3751 360 degree LED modules
- Halogen rotators
- Strobe warning lights and beacons
- LED or halogen alley lights

## Programming options

- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns
- Fully programmable to special requirements



For details of fitted options please see  
pages 4-11 or contact our sales team

**SEE PAGES  
4-11**



- 19" (492mm) long compact LED lightbar
- Permanent or magnetic mount allowing the unit to be stowed away when not in use
- Magnetic mount versions wind speed certified to 180km/h
- Latest slimline LED technology
- Option for front or rear illumination only
- Integral speaker and siren optional

### XPERT SLE

R65  
Class 2

Magnetic mount versions wind speed certified to  
**180km/h  
(105mph)**



#### Overview

- Compact LED lightbar with various configuration options including:
- Two 360 degree LED modules and mirrors to multiply light output, XE or XEM LED modules, or 8 or 16LED corner modules, giving either front or rear or full 360 degree coverage
- Option of addition of one or two inner LED modules to the front and rear for additional warning capability. If a single inner module is added, it can be split to provide 'half and half' flashing operation, allowing symmetrical, side-to-side flashing
- Choice of LED scene/takedown lights which can be set for flashing mode for extra visibility, or to steady operation for scene illumination
- Can also be fitted with an integral siren and speaker - numerous country siren tones available
- Choice of flash controllers allowing functions such as front/rear switching to be included if required

#### Materials

- Lens and base: strong UV stabilised polycarbonate
- Clear lens as standard. Coloured lens available on request

#### Mounting

- Permanent, suction or magnetic
- Magnetic mount versions - wind speed certified to 180km/h (105mph). Supplied with 3 metre straight lead, switched cigar type plug and 4 x 34kg magnets with heavy duty moulded rubber covers to protect magnets and preserve vehicle paintwork. 80kg magnets are used where a siren is fitted. Accessories include: quick fit safety strap for added safety when vehicle in motion; heavy duty carry case with velcro straps to secure the bar on vehicle carpet when not in use

#### R65 approvals

- **With XE or 9-10408 modules:** R65 Class 2 blue
- **With 9-3751 360 degree beacon modules:** Class 1 amber; Class 2 blue; Class 2 red. Rotating flash patterns: Class 1 blue

Colour options available	
Lens colour	Amber, blue, clear or red
LED colours	Amber, blue, green, red or white

Dimensions (mm)		
L - 492 (19")	D - 240	H - 57

#### Fitted options

- Fitted speaker and siren
- 9-3751 360 degree, XE, XEM or 9-10406/8 LED modules
- LED takedown lights
- Front/rear Gatso speed camera lights
- Clear or coloured lenses

See pages 4-11 for more information on options

#### Programming options

- Separate front/rear switching
- Cruise and dim mode options
- Choice of flash patterns
- Fully programmable to special requirements



3 YEAR WARRANTY

**EuroSmart**



	No of buttons	Mounting options	Operating voltage	Protocol	User changeable legends	Microphone	Dimensions (W x H x D)
8-82316+-KIT	16-27 functions	Handheld	8-30VDC	CANbus	•	Integral	71 x 158 x 26mm
8-82312-KIT	12	Handheld	8-30VDC	CANbus	•	Integral	60 x 131 x 20mm
8-82306-KIT	6	Handheld	8-30VDC	CANbus	•	Integral	60 x 80 x 20mm
8-82304	4	Handheld or permanent	8-30VDC	Standalone	•	No	60 x 80 x 20mm
8-82121-KIT	10	Handheld	10.8-30VDC	LINbus		Integral	50 x 113 x 19mm
8-82208-KIT	8	Dash	10.8-30VDC	LINbus	•	Plug-in (optional)	128 x 46 x 56mm
ModuLux	4-24	Handheld or dash	-	CANbus	•	Plug-in (optional)	75-251 x 56.5 x 19.5mm

