

Xenergy Range

ECE R65 Approved



Features:

An extensive range of high quality competitively priced light bars for amber and blue markets.

- Dual voltage 12/24V
- Double flash end strobes
- Five lengths available: 610, 860, 1110, 1360 and 1610mm
- Clear cover versions available in each length
- Long life Xenon flash tubes
- Low power consumption
- 12 months' guarantee

Options:

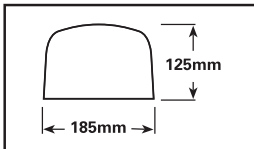
- Centre Illumination / Lettering service
- LED directional strobes
- LED stop/tail/indicator light clusters
- Work lights
- Alley lights
- Easily installed and removed magnetic mount option for a range of 610 and 860mm bars. Tested by TÜV, the German automotive test house, to 200km/hr.

Applications:

Suitable for all sectors of the commercial vehicle market and emergency services.

Materials:

Polycarbonate lens covers, aluminium base extrusion.



End strobes	>100cd (amber) >42cd (blue)	120/min	double flash synchronous	IP65
Directional front/rear strobes	>400cd	65/min (nominal)	random	

Certified to EMC directive 95/54.

Certified to ECE R65.

High voltage transient and polarity reversal protection fitted.

Operating temperature: -30°C to +55°C (-30°C lower limit subject to intermittent and non-continuous use at temperatures below -20°C).



<- 610mm ->



<- 860mm ->



<- 1110mm ->



<- 1360mm ->



<- 1610mm ->

Key to Model Numbers:

2 X A I. 1360

↑ ↑ ↑ ↑ ↑

Length (mm)

Centre Illumination Panel

I = 250mm illumination panel
2I = 500mm illumination panel
3I = 750mm illumination panel

Main Lens Colour

A = Amber, B = Blue,
C = Precedes lens colour if clear cover.

Xenergy

Strobes

2 = 2 end strobes
For numbers above 2 add directional strobes, e.g. 4 means two end strobes and two directional strobes.

Other letters denote:

R = Bar designed for recovery market
L = LED stop/tail/indicator light cluster
W = Work light
MAG = Magnetic mount kit
V/LED F&R = LED directional front and rear


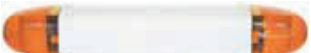







Xenergy 610



Product	12V	24V	Dual 12/24V	<i>i</i> 12V	<i>i</i> 24V	
2XA.610	-	-	490001	3A	1.42A	
2XB.610	-	-	490002			
2XAI.610	490003	490007	-	3.83A	1.83A	
2XBI.610	490004	490008	-			
2XCA.610	-	-	490005	3A	1.42A	
2XCB.610	-	-	490006			
3XA.610	-	-	490009	3.4A	1.7A	
3XB.610	-	-	489999			
2XA.610 2 V/LED F&R	-	-	491050	3.5A	1.7A	
2XA.610 MAG	-	-	491001	3A	1.42A	
2XB.610 MAG	-	-	491002			
2XAI.610 MAG	491003	491007	-	3.83A	1.83A	
2XBI.610 MAG	491004	491008	-			
2XCB.610 MAG	-	-	491006	3A	1.42A	
2XA.610 2 V/LED F&R MAG	-	-	491051	3.5A	1.7A	

Xenergy 860



Product	12V	24V	Dual 12/24V	<i>i</i> 12V	<i>i</i> 24V	
2XA.860	-	-	490011	3A	1.42A	
2XB.860	-	-	490012			
2XA2I.860	490013	490017	-	4.67A	2.25A	
2XB2I.860	490014	490018	-			
2XCA.860	-	-	490015	3A	1.42A	
2XCB.860	-	-	490016			
4XA.860	-	-	489902	4A	2A	
2XA.860 2 V/LED F&R	-	-	491055	3.5A	1.7A	
2XA.860 MAG	-	-	491011	3A	1.42A	
2XB.860 MAG	-	-	491012			
2XA2I.860 MAG	491013	491017	-	3.83A	1.83A	
2XB2I.860 MAG	491014	491018	-			
2XCB.860 MAG	-	-	491016	3A	1.42A	
4XA.860 MAG	-	-	491019	4A	2A	

Xenergy 1110



Product	12V	24V	Dual 12/24V	<i>i</i> 12V	<i>i</i> 24V	
2XA.1110	-	-	490026	3A	1.42A	
2XB.1110	-	-	490036			
2XA1.1110	490020	490030	-	3.83A	1.83A	
2XB1.1110	490021	490031				
4XA.1110	-	-	490027	4.15A	2.03A	
4XB.1110			490029			
4XA1.1110	490022	490032	-	4.98A	2.45A	
4XB1.1110	490023	490033				
4XCA.1110	-	-	490024	4.15A	2.03A	
4XCB.1110			490025			
2XA3I.1110	490028	490038	-	5.2A	2.6A	
2XB3I.1110	490034	490037				
5XA.1110	-	-	490035	4.6A	2.3A	
5XB.1110	-	-	489903			
4XRL.1110	490081	490087	-	6A	3A	
4XRW.1110	490085	-	-	11A	-	
2XA.1110 4 V/LED F&R	-	-	491060	4A	2A	

Xenergy 1360



Product	12V	24V	Dual 12/24V	<i>i</i> 12V	<i>i</i> 24V	
2XA.1360	-	-	490047	3A	1.42A	
2XB.1360	-	-	490057			
2XA2I.1360	490041	490051	-	4.67A	2.25A	
2XB2I.1360	490042	490052				
4XA.1360	-	-	490043	4.15A	2.03A	
4XB.1360	-	-	490044			
6XA.1360	-	-	489904	5.2A	2.6A	
4XCA.1360	-	-	490045	4.15A	2.03A	
4XCB.1360	-	-	490046			
2XA4I.1360	490050	490053	-	6A	3A	
2XB4I.1360	-	490055	-			
4XA2I.1360	490049	490054	-	5.6A	2.8A	
4XB2I.1360	490048	-	-			
6XCB.1360	-	-	490093	5.2A	2.6A	
4XRL.1360	490082	490088	-	6A	4A	
4XRW.1360	-	490086	-	-	7A	

Xenergy 1610



Product	12V	24V	Dual 12/24V	i 12V	i 24V	
2XA3I.1610	490061	490071	-	5.5A	2.67A	
2XB3I.1610	490062	490072	-			
4XA1.1610	490063	490073	-	4.89A	2.45A	
4XB1.1610	490064	490074	-			
4XA.1610	-	-	489905	4A	2A	
4XCA.1610	-	-	490065	4.15A	2.03A	
4XCB.1610	-	-	490066			
4XA3I.1610	-	490075	-	-	3.2A	
8XA1.1610	-	-	490067	5.4A	3.1A	
4XL4W.1610	-	490078	-	-	8.5A	
4XRLW.1610	490083	490089	-	12A	6A	
4XRL.1610	-	490090	-	-	4A	
4XRL3I.1610	-	490091	-	-	4A	

500mm Xenergy Siren Bar

ECE R65 Approved



Certified to EMC directive 2004/104/EC.

Certified to ECE R65.

High voltage transient and polarity reversal protection fitted.

Operating temperature: -30°C to +55°C (-30°C lower limit subject to intermittent and non-continuous use at temperatures below -20°C).

>100cd (amber) >42cd (blue)	120/min	double flash	4.5A (max)	IP65	40W 100dB

Features:

Dual-tone siren bar.

- Magnetic and permanent mount versions
- Magnetic version certified by TÜV for speeds up to 200kph
- 12 volt
- 40W (100dB) siren with 'Wail' and 'Yelp' tones
- Magnetic version has DIN plug with integral 3 position selector switch for siren
- Xenon strobes certified to ECE R65 (blue and amber versions)
- 12 months' guarantee

Applications:

Emergency, fire and medical services.

Materials:

Polycarbonate lens covers, aluminium base extrusion.

Suitable for emergency, fire, medical and security services.

Tested by TÜV Germany to 200kph

Type	Blue	Green	Blue/Green	Amber
Magnetic Mount	492001	492007	492004	492003
Permanent Mount	492002	492008	492005	492006

40W/80W Xenergy Siren Bars

ECE R65 Approved



Certified to EMC directive 2004/104/EC.

Certified to ECE R65.

High voltage transient and polarity reversal protection fitted.

Operating temperature: -30°C to +55°C (-30°C lower limit subject to intermittent and non-continuous use at temperatures below -20°C).

End strobes	>42cd (blue)	120/min	double flash synchronous	IP65	40W: 100dB 80W: 105dB
Directional front/rear strobes	>400cd	65/min (nominal)	random		

Features:

Dual-tone siren bar.

- 40W and 80W versions
- 3 lengths available: 1000, 1400 and 1500mm
- 12 volt
- Siren with 'Wail' and 'Yelp' tones
- Xenon strobes certified to ECE R65
- 12 months' guarantee

Applications:

Emergency, fire and medical services.

Materials:

Polycarbonate lens covers, aluminium base extrusion.

Suitable for emergency, fire, medical and security services.

Product	40W	80W	Length		
2XB.1000	492040	-	1000mm	4.5A (max)	
4XB.1000	492041	-	1000mm	5.5A (max)	
2XB3I.1400	492044	492048	1400mm	40W 6.7A (max) 80W 8.2A (max)	
4XB1I.1400	492045	492049	1400mm	40W 6.5A (max) 80W 8A (max)	
2XB3BI.1400	492046	492050	1400mm	40W 6.7A (max) 80W 8.2A (max)	
4XB1BI.1400	492047	492051	1400mm	40W 6.5A (max) 80W 8A (max)	
2XB.1500	492042	-	1500mm	4.5A (max)	
4XB.1500	492043	-	1500mm	5.5A (max)	

Delta Bar Range

ECE R65 Approved



Features and Options:

A range of high quality low profile light bars for amber and blue markets. Xenon, xenon/LED and Full LED variants are available.

- Dual voltage 12/24V
- Single flash Xenon corner strobes
- Intensely bright 3rd generation LED corners
- Xenon face strobes feature a choice of high visibility ripple flash pattern
- LED face modules feature a unique high visibility tri-phase flash pattern
- Seven lengths available: 520, 750, 980, 1200, 1430, 1650 and 1885mm
- Aluminium box extrusion with front and rear face modules
- Long life Xenon flash tubes and LED modules
- Low power consumption
- Flexibars: individually configured to your specifications
- Easily installed and removed magnetic mount version for a range of 520 and 750mm bars. Please call for further information
- 12 months' guarantee

Mounting Options:

- Standard mount consists of four rubber feet. Side mounting kit available for specific applications.

Applications:

Suitable for all sectors of the commercial vehicle market and emergency services.

Materials:

Polycarbonate lens covers, aluminium box extrusion.

Xenon corner strobes	>100cd (amber) >42cd (blue)	120/min	single flash	IP65

Certified to EMC directive 95/54.

Certified to ECE R65.

High voltage transient and polarity reversal protection fitted.

Operating temperature: -20° to +55°C.

LED corner strobes	>100cd (amber) >50cd (blue)	120/min	quad flash	IP65

Certified to EMC directive 2004/104/EC.

Certified to ECE R65 (blue only).

High voltage transient and polarity reversal protection fitted.

Operating temperature: -20° to +55°C.



DB1 520 (20")



DB2 750 (30")



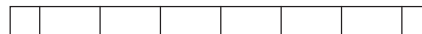
DB3 980 (39")



DB4 1200 (47")



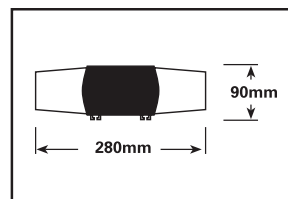
DB5 1430 (56")



DB6 1650 (65")

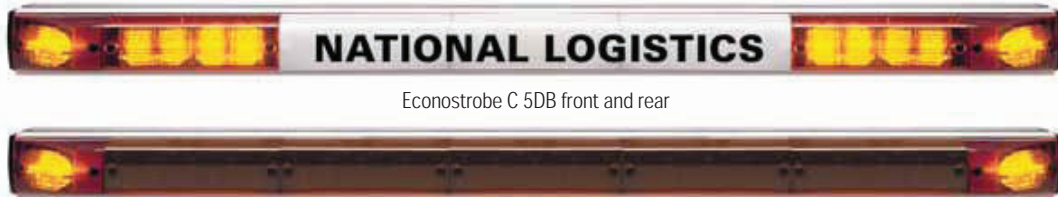


DB7 1885 (74")











Econostrobe C

Standard Light Bar for the commercial vehicle market.
Incorporates extra Xenon strobes to front face of light bar.



Econostrobe C 5DB front and rear

Product	Length (mm)	12V	24V			Each bar shown front & rear (front at the top)
Econostrobe C 1DB	520	880051	-	3.63A	-	
Econostrobe C 2DB	750	880052	-	4.46A	-	
Econostrobe C 3DB	980	880053	880057	5.03A	2.52A	
Econostrobe C 4DB	1200	880054	880068	5.86A	2.94A	
Econostrobe C 5DB	1430	880055	880069	8.09A	4.06A	
Econostrobe C 6DB	1650	880056	880060	7.26A	3.64A	

Econostrobe R

Standard Light Bar for the recovery market.
Incorporates extra Xenon strobes to rear face of light bar.

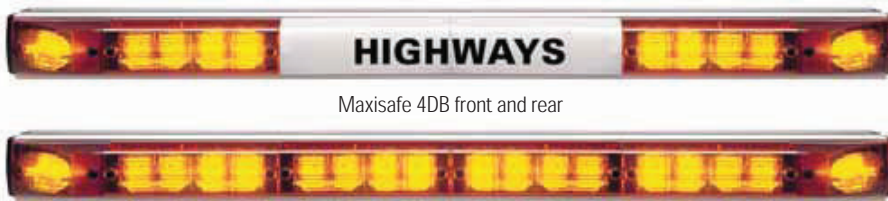


Econostrobe R 4DB front and rear

Product	Length (mm)	12V	24V	<i>i</i> 12V	<i>i</i> 24V	Each bar shown front & rear (front at the top)
Econostrobe R 4DB	1200	880064	880067	5.86A	3.04A	
Econostrobe R 5DB	1430	880065	880070	8.89A	4.09A	
Econostrobe R 6DB	1650	880066	880071	8.68A	4.44A	

Maxisafe

Standard light bar for the recovery, rescue and road maintenance markets.
Incorporating full Xenon strobes and highly visible ripple flash pattern to the rear face of the light bar.

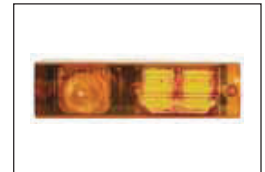
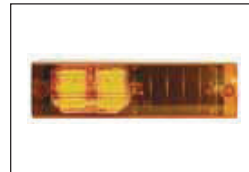
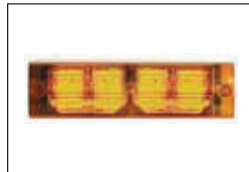
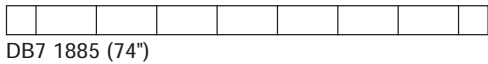
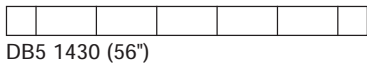
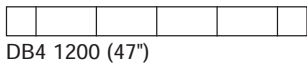
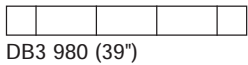
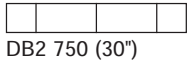
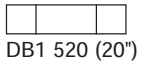


Maxisafe 4DB front and rear

Product	Length (mm)	12V	24V	<i>i</i> 12V	<i>i</i> 24V	Each bar shown front & rear (front at the top)
Maxisafe 4DB	1200	880074	880073	12.86A	6.44A	
Maxisafe 5DB	1430	880075	880072	15.09A	7.56A	
Maxisafe 6DB	1650	880076	880077	15.6A	7.84A	

Xenon Flexibar

Choose from a wide range of options individually configured to your own specification.



Standard Base Configuration:

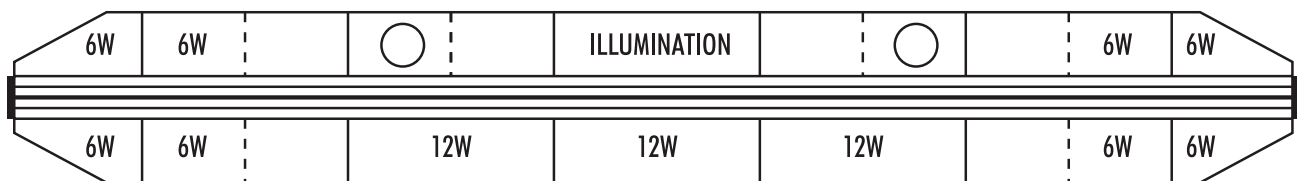
4 x 6W flashing corners with dummy modules to front and rear.

Other options include:

LED stop/tail/indicator modules.
Flashing Halogens.

Example Configuration DB5 1430 (56"):

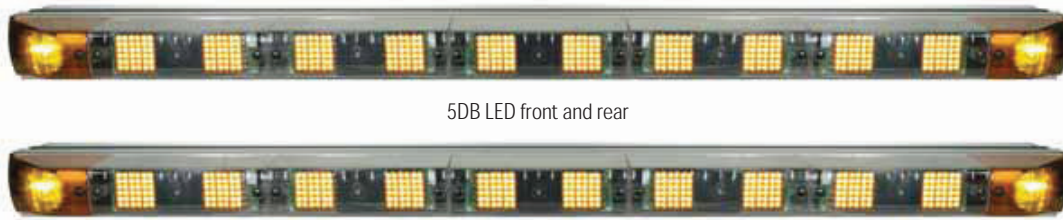
Front: 2 x 6W Xenon Modules (synchronised with corner modules), 2 x Split Modules with dichroic work lamps, 1 x Illuminated Module.



Rear: 2 x 6W Xenon Modules (synchronised with corner modules), 3 x 12W Xenon Modules with coded ripple pattern.

Please advise 12V or 24V when ordering.

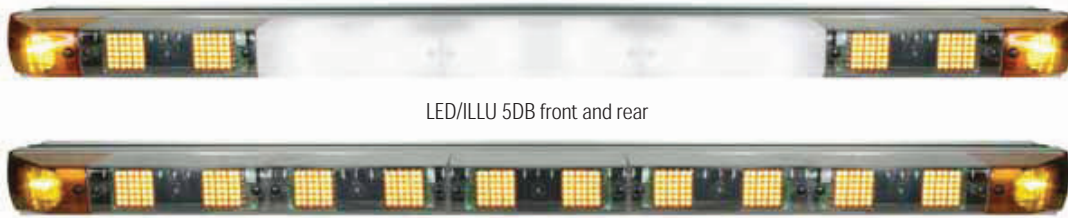
LED Enhanced Delta Bar with Xenon strobe corners and LED modules. Tri-phase flash pattern to front and rear.



Product	Length (mm)	Dual Voltage	<i>i</i> 12V	<i>i</i> 24V	Each bar shown front & rear (front at the top)
LED/LED 1DB	520	880410	4A	2A	
LED/LED 2DB	750	880420	5.2A	2.8A	
LED/LED 3DB	980	880430	6.4A	3.2A	
LED/LED 4DB	1200	880440	7.6A	5.6A	
LED/LED 5DB	1430	880450	8.8A	4.4A	
LED/LED 6DB	1650	880460	10A	5A	
LED/LED 7DB	1885	880470	11.2A	5.6A	

LED + Illumination

Enhanced Delta Bar with Xenon strobe corners and LED face modules. Supplied with white illuminations to the front and tri-phase flash pattern to the rear.



LED/ILLU 5DB front and rear

Product	Length (mm)	12V	24V	<i>i</i> 12V	<i>i</i> 24V	Each bar shown front & rear (front at the top)
LED/ILLU 1DB	520	880411	880415	4.23A	2.12A	
LED/ILLU 2DB	750	880421	880425	5.66A	2.84A	
LED/ILLU 3DB	980	880432	880636	6.63A	3.32A	
LED/ILLU 4DB	1200	880646	880447	8.06A	4.03A	
LED/ILLU 5DB	1430	880652	880456	9.49A	4.75A	
LED/ILLU 6DB	1650	880663	880466	10.46A	5.23A	
LED/ILLU 7DB	1885	880471	880475	11.89A	5.95A	

Maxi-LED

Featuring corners fitted with 3rd generation high brightness LEDs, quad flash pattern.







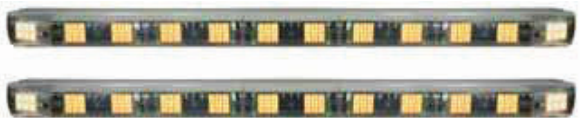




NEW LED corner module



5DB LED face and corners front and rear



Product	Length (mm)	Dual Voltage			Each bar shown front & rear (front at the top)
LED/LED 1DB	520	880510	2.8A	1.4A	
LED/LED 2DB	750	880520	4A	2A	
LED/LED 3DB	980	880530	5.2A	2.6A	
LED/LED 4DB	1200	880540	6.4A	3.2A	
LED/LED 5DB	1430	880550	7.6A	3.8A	
LED/LED 6DB	1650	880560	8.8A	4.4A	
LED/LED 7DB	1885	880570	10A	5A	










Maxi-LED + Illumination

Featuring corners fitted with 3rd generation high brightness LEDs, quad flash pattern. Supplied with white illumination to the front.



LED/ILLU 5DB front and rear, LED face and corners.




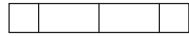
Product	Length (mm)	12V	24V			Each bar shown front & rear (front at the top)
LED/ILLU 1DB	520	880511	880515	3.03A	1.52A	
LED/ILLU 2DB	750	880521	880525	4.46A	2.23A	
LED/ILLU 3DB	980	880532	880537	5.43A	2.72A	
LED/ILLU 4DB	1200	880542	880547	6.86A	3.43A	
LED/ILLU 5DB	1430	880552	880556	8.29A	4.15A	
LED/ILLU 6DB	1650	880563	880562	9.26A	4.63A	
LED/ILLU 7DB	1885	880571	880575	10.69A	5.35A	

LED Flexibar


Choose from a wide range of options individually configured to your own specification.

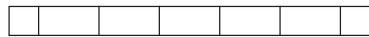


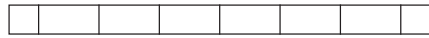

DB1 520 (20")



DB2 750 (30")


DB3 980 (39")


DB4 1200 (47")


DB5 1430 (56")


DB6 1650 (65")


DB7 1885 (74")



LED Modules
Amber, blue, red or white.



Illuminated Modules



Lettering Service



Alley Lights



20W & 35W Worklights

Other options include:

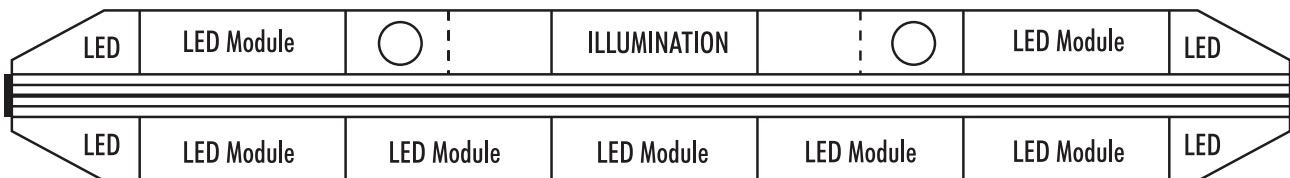
LED stop/tail/indicator modules.
Flashing Halogens.

Standard Base Configuration:

4 x 6W flashing Xenon corners with dummy modules to front and rear.
or
4 x 6W third generation flashing LED corners with dummy modules to front and rear.

Example Configuration DB5 1430 (56"):

Front: 2 x LED Modules, 2 x Split Modules with dichroic work lamps, 1 x Illuminated Module.



Rear: 5 x LED Modules.

Please advise 12V or 24V when ordering.

Hi-Wave

ECE R65 Approved



Certified to EMC directive 95/54.

Certified to ECE R65.

High voltage transient and polarity reversal protection fitted.

Operating temperature: -20° to +55°C.

Features:

A range of dual function bars with amber Xenon strobe end modules and amber LED rear-facing modules. Offers 3 traffic directing sequences and 5 high visibility warning flash patterns. Supplied with remote control unit with cradle for dash mounting.

- Dual voltage 12/24V (10.5 – 30Vdc)
- Standard and low-profile versions
- 8 flash patterns
- Real-time flash pattern display on controller
- Low power consumption
- High reliability ultra bright LEDs and Xenon strobe tubes
- 12 months' guarantee

Controller Features:

- Backlit pattern selector
- Fitted with 5m cable, with extension available
- Independent switch for end / corner strobes

Flash Patterns:

- 3 directional patterns and 5 high visibility warning flash patterns

Materials:

Polycarbonate lens covers, aluminium extrusions.



Hi-Wave Delta 980



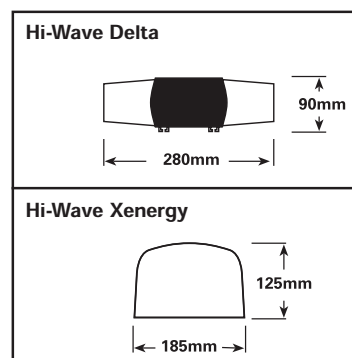
Hi-Wave Delta 1200



Hi-Wave Xenergy 1110



Hi-Wave Xenergy 1360



Model	Part No.	Length	Description	i 12V	i 24V
Hi-Wave Delta 980	880011	980mm	6 rear facing LED blocks + 4 Xenon 6W corner strobe modules	4.4A	2.2A
Hi-Wave Delta 1200	880012	1200mm	8 rear facing LED blocks + 4 Xenon 6W corner strobe modules	4.9A	2.4A
Hi-Wave Xenergy 1110	491030	1110mm	6 rear facing LED blocks + 2 Xenon end strobes	4.6A	2.3A
Hi-Wave Xenergy 1360	491040	1360mm	8 rear facing LED blocks + 2 Xenon end strobes	3.1A	2.5A
Hi-Wave Extension Cable	521095	5m	Extension cable	-	-