# industrial, safety and security signalling products

reference catalogue 2008/9



. . . advanced warning technology



## Innovation and quality from Europe's Xenon and LED beacon and light bar specialist

Established in 1975, Delta Design developed the first low profile xenon beacon for the intruder market in 1978. Since then Delta design has become a leader in vehicle, industrial and material handling markets with an emphasis on innovative design of electronics and optics along with a reputation for quality and reliability.

More recently Delta Design has led the field in LED innovation and is pleased to present its current standard product range for industrial, safety and security applications. Work is often undertaken in cooperation with original equipment manufacturers to design product for specialist applications. Please call our sales team if you cannot locate in this catalogue the exact product you require.

Delta Design recently became part of the global ECCO Group with sales of \$100m to over 50 countries worldwide, a manufacturing presence on 4 continents and headquarters in UK, USA and Australia. The Group includes famous brands alongside Delta Design such as ECCO, Vision Alert, Hazard, Preco and Lucas. The future looks bright for Delta Design.

### . . . simply brilliant



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#### Key to symbols used throughout this catalogue:



Brightness: cd = effective candela in accordance with the Blondel & Rey formula



Single flash



Current consumption



Voltage range



Flash rate



Double flash



Current consumption at given voltage (*n*)



Weight



Ingress protection rating

### **LP** Xenon



CE — certified to EMC directive 89/336/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

	理	4	4	ATA	
LP4XMV/2	75/min			100gms	
LP4XMV/5	I J/IIIIII	single flash (all beacons)	IP67 (all beacons)	(1/2W beacons) 110gms	
All other beacons	60/min			(5W beacons)	

#### **Features:**

A range of 1W, 2W and 5W low profile Xenon beacons.

- Low current consumption
- Available in 12, 24, 110 and 230V versions
- Multivoltage option (10–100Vdc, 20–72Vac)
- Weatherproof to IP67
- 360° visibility
- 12 months' guarantee

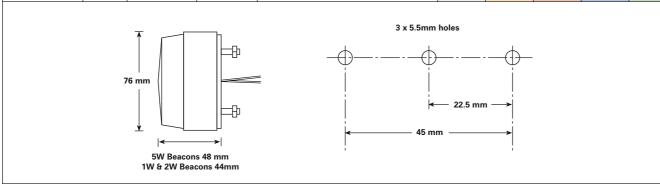
#### **Mounting Options:**

See LP-LED page for mounting options.

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

Description	Power	Voltage	Voltage Range	Current Consumption	Clear	Amber	Red	Blue	Green
LP1X12/1	1W	12Vdc	10-15vdc	115mA @ 12Vdc	412021	412022	412023	412024	412025
LP1X24/1	1W	24Vdc	20-30Vdc	55mA @ 24Vdc	412031	412032	412033	412034	412035
LP1XMV/1	1W	Multivoltage	10-100Vdc 20-72Vac	112mA @ 12Vdc, 63mA @ 24Vdc 50mA @ 50Vac, 29mA @ 100Vac	412051	412052	412053	412054	412055
LP1X12/2	2W	12Vdc	10-15vdc	220mA @ 12Vdc	440001	440002	440003	440004	440005
LP1X24/2	2W	24Vdc	20-30Vdc	110mA @ 24Vdc	440021	440022	440023	440024	440025
LP4XMV/2	2W	Multivoltage	10-100Vdc 20-72Vac	130mA @ 12Vdc, 95mA @ 24Vdc 83mA @ 50Vac, 37mA @ 100Vac	412061	412062	412063	412064	412065
LP4XMV/5	5W	Multivoltage	10-100Vdc 20-72Vac	250mA @ 12Vdc, 200mA @ 24Vdc 112mA @ 50Vac, 60mA @ 100Vac	412091	412092	412093	412094	412095
LP1X110/2ac	2W	110Vac	90-125Vac	100mA @ 110Vac	441001	441002	441003	441004	441005
LP1X230/2ac	2W	230Vac	207-253Vac	40mA @ 230Vac	441021	441022	441023	441024	441025



## LP-LED LP-LED MV and LP-LED 110/230V



CE — certified to EMC directive 2004/108/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

	60	理	<b>-V</b> -	4	
Mains 110/230V	amber > 17cd 65 flashes/min		85—265 Vac	IP67	100qms
Multivoltage MV	red >33cd (flashing mode)	ed > 33cd 6 bursts/flash		11.07	Tuuyiiis

#### **Features:**

A low profile LED beacon with low power consumption.

- Multivoltage 10–100Vdc, and mains 110Vac and 230Vac versions
- Flashing and continuously lit modes
- Clear lens with coloured LEDs
- Low power consumption
- 3 year guarantee
- Weatherproof to IP67

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

#### **Mounting Options** (suitable for LED and Xenon versions):



FX2 mounting base







FX39 mounting pole



FX40 mounting bracket



Mains 110/230V	15mA @	) 110Vac		
	10mA @	230Vac	447002	447003
Multivoltage MV	110mA @ 12Vdc 55mA @ 24Vdc 35mA @ 50Vac 25mA @ 100Vac	80mA @ 12Vdc 40mA @ 24Vdc 25mA @ 50Vac 20mA @ 100Vac	445002	445003
76 mm		3 x	5.5mm holes	

## **LT Xenon**



CE – certified to EMC directive 89/336/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

	叠	4	4		
LT4XMV/2	75/min		IP67 (all beacons)	126gms	
LT4XMV/5	73/111111	single flash (all beacons)		(2W beacons) 136gms	
All other beacons	90/min			(5W beacons)	

#### **Features:**

A range of 2W and 5W compact Xenon beacons.

- Low current consumption
- Available in 12, 24, 110 and 230V versions
- Multivoltage option (10–100Vdc, 20–72Vac)
- Weatherproof to IP67
- 360° visibility
- 12 months' guarantee

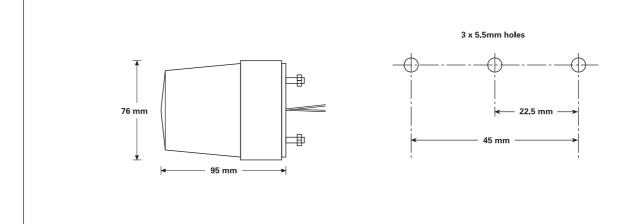
#### **Mounting Options:**

See LT-LED page for mounting options.

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

Description	Power	Voltage	Voltage Range	Current Consumption	Clear	Amber	Red	Blue	Green
LT4XMV/2	2W	Multivoltage	10-100Vdc 20-72Vac	130mA @ 12Vdc, 95mA @ 24Vdc 83mA @ 50Vac, 37mA @ 100Vac	411061	411062	411063	411064	411065
LT4XMV/5	5W	Multivoltage	10-100Vdc 20-72Vac	255mA @ 12Vdc, 190mA @ 24Vdc 112mA @ 50Vac, 70mA @ 100Vac	411071	411072	411073	411074	411075
LT3X12/5	5W	12Vdc	10-15vdc	360mA @ 12Vdc	411021	411022	411023	411024	411025
LT3X24/5	5W	24Vdc	20-30Vdc	160mA @ 24Vdc	411041	411042	411043	411044	411045
LT3X110/5 ac	5W	110Vac	90-125Vac	50mA @ 110Vac	410021	410022	410023	410024	410025
LT3X230/5 ac	5W	230Vac	207-253Vac	40mA @ 230Vac	410001	410002	410003	410004	410005



## LT-LED MV and LT-LED 110/230V



CE — certified to EMC directive 2004/108/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

	6	理	<del>-</del> V-	4	TA
Mains 110/230V	amber > 6cd	03 11031103/111111	85—265 Vac	IP67	1/10 amo
Multivoltage MV	red >10cd		10-100Vdc	11.07	148gms

#### **Features:**

A compact LED beacon with low power consumption.

- Multivoltage 10–100Vdc, and mains 110Vac and 230Vac versions
- Flashing and continuously lit modes
- Clear lens with coloured LEDs
- Low power consumption
- 3 year guarantee
- Weatherproof to IP67

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

#### **Mounting Options** (suitable for LED and Xenon versions):



FX38 mounting pole with sounder







**FX40** mounting bracket



Mains 110/230V	10mA @	) 110Vac ) 230Vac	448002	448003
	440 4 0 401/1			446003
Multivoltage MV	110mA @ 12Vdc 55mA @ 24Vdc 35mA @ 50Vac 25mA @ 100Vac	80mA @ 12Vdc 40mA @ 24Vdc 25mA @ 50Vac 20mA @ 100Vac	446002	446003
			3 x 5.5mm holes	
76 mm		——————————————————————————————————————		2.5 mm →
<u> </u>	5 mm		———— 45 mm —	

## LT2—LED LT-LED MV DUAL R/G and LT-LED 110/230V DUAL R/G



CE – certified to EMC directive 2004/108/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected.

Operating temperature:  $-20^{\circ}$ C to  $+55^{\circ}$ C.

	8	理	<b>-V</b> -		
Mains 110/230V	red >10cd	65 flashes/min 6 bursts/flash (red only)	85—265 Vac	IDE7	158gms
Multivoltage MV	green >3cd		10—100Vdc	- IP67	

#### **Features:**

A compact dual function LED beacon - green continuous and red flashing light.

- Multivoltage 10-100Vdc, and mains 110Vac and 230Vac versions
- Ideal for indicating process/system status green continuous light for normal operation, red flashing to indicate status change
- A unique low cost alternative to conventional tower beacons
- Clear lens with coloured LEDs
- Low power consumption
- 3 year guarantee
- Weatherproof to IP67

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

#### **Mounting Options** (suitable for LED and Xenon versions):



FX38 mounting pole with sounder







Product	$oldsymbol{i}$ red flashing	🕻 green constant	Red / Green
Mains 110/230V	15mA @ 10mA @	448021	
Multivoltage MV	110mA @ 12Vdc 55mA @ 24Vdc 35mA @ 50Vac 25mA @ 100Vac	80mA @ 12Vdc 40mA @ 24Vdc 25mA @ 50Vac 20mA @ 100Vac	446021
Ŧ	_	3 x 5.5mm ho	oles
76 mm			- 22.5 mm →
▼ 95 mm →	<b>=</b>	<b>←</b> 45 mm	

## RB Series RB2XDV/15, RB2X110/10 and RB3X230/10



CE - Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

	ATA
IP65	0.27kg

	6	理	4	<b>-V</b> -	i
RB2XDV/15 15W	60cd (amber)	125/min	single flash	10 — 30Vdc	1.5A@12Vdc 0.75A@24Vdc
RB2X110/10 10W	50cd (amber)	110/min	single flash	90 — 125Vac	130mA @110Vac
RB3X230/10 10W	50cd (amber)	94/min	single flash	207 — 253Vac	70mA @230Vac

#### **Features:**

A very bright low voltage and mains voltage beacon with a fast flash rate.

- No moving parts maintenance free
- Low power consumption
- Compact design
- 3,000 hours tube life
- 12 months' guarantee

#### **Materials:**

Lens Colour	RB2XDV/15 (10 – 30Vdc) 15W	RB2X110/10 (110Vac) 10W	RB3X230/10 (230Vac) 10W			
Amber	470002	408022	408052			
Blue	470004	408024	408054			
Red	470003	408023	408053			
Clear	470001	408021	408051			
Green	470005	408025	408055			
Drilling for Panel Mounting (ISO 4148)  4 holes 7mm dia.  120 mm   4 holes 7mm dia.  Cable entry						

## Husky Pup RB4XMV/2P



CE – certified to EMC directive 89/336/EEC.

Complies with low voltage directive 2006/95/EC.

High voltage transient and polarity reversal protected.

Operating temperature:  $-20^{\circ}$ C to  $+55^{\circ}$ C.

Beacon should be operated in a vertical position with lens uppermost.

60	理	<b>-V</b> →	<b>1</b> 12V	<b>100V</b>		
18cd (light amber)	75 flashes/min	10—100Vdc 20—72Vac	145mA	40mA	IP65	0.4kg

#### Features:

A bright, multivoltage 2W Xenon beacon.

- Multivoltage 10 100 Vdc, 20 72 Vac
- · Bright, intense Xenon flash
- Ultra-low power consumption
- 3,000+ hours tube life, 12 months' guarantee
- Weatherproof to IP65

#### **Product options:**

Sounder plinth, fixes to base of beacon



FX29 Sounder Plinth Part No. 521047

#### **Materials:**

Lens Colour	Three Bolt	Pole Mount
Amber	469040	469082
Red	469041	-
Blue	469042	-
Clear	469039	-
Green	469043	-
148 mm → 1 120 mm ↓ ⊕ ⊕	Drilling for Panel Mounting (ISO 4148)  4 holes 7mm dia.  120°  Cable entry  130 mm dia.	

## Pup2 PU4XMV/2P



CE - certified to EMC directive 89/336/EEC.

Complies with low voltage directive 2006/95/EC.

UL listed - file AU 3700.

High voltage transient and polarity reversal protected.

Operating temperature:  $-20^{\circ}$ C to  $+55^{\circ}$ C.

Beacon should be operated in a vertical position with lens uppermost.

6	學	<b>-V</b> →	<b>1</b> 12V	<b>1</b> 100V		T
>18cd	75 flashes/min	10—100Vdc 20—72Vac	145mA	40mA	IP65	0.244kg

#### **Features:**

A bright, multivoltage 2W Xenon beacon.

- Multivoltage 10 100 Vdc, 20 72 Vac
- Bright, intense Xenon flash
- Ultra-low power consumption
- 3,000 + hours tube life, 12 months' guarantee
- Weatherproof to IP65

#### **Product options:**

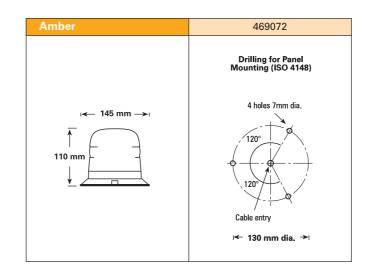
• Sounder plinth, fixes to base of beacon



FX29 Sounder Plinth Part No. 521047

#### **Materials:**

Polycarbonate lens, EVA/PVC base.



## Husky RB4XMV/5



CE – certified to EMC directive 89/336/EEC.

Complies with low voltage directive 2006/95/EC.

High voltage transient and polarity reversal protected.

Operating temperature:  $-20^{\circ}$ C to  $+55^{\circ}$ C.

Beacon should be operated in a vertical position with lens uppermost.

6		理	<b>-V</b> →	<b>1</b> 12V	<b>100V</b>		
44cd (an	ıber)	75 flashes/min	10—100Vdc 30—60Vac	360mA	60mA	IP65	0.4kg

#### **Features:**

A bright, multivoltage 5W Xenon beacon.

- Multivoltage 10 100 Vdc, 30 60 Vac
- Bright, intense Xenon flash
- Low power consumption
- 3,000+ hours tube life, 12 months' guarantee
- Replaceable Xenon tube
- Weatherproof to IP65

#### **Product options:**

Sounder plinth, fixes to base of beacon



FX29 Sounder Plinth Part No. 521047

#### **Materials:**

Amber	469012
Red	469013
Blue	469004
Clear	469011
Green	469005
	Drilling for Panel Mounting (ISO 4148)
120 mm → 1 120 mm → 1 120 mm	4 holes 7mm dia.  120°  Cable entry  130 mm dia. →

## $m{MX-LED}$ MX-LED MV and MX-LED 110/230V

Patent Pending / Registered Community Design / US Design Patent



CE — certified to EMC directive 2004/108/EC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protected. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

	6	理	<b>-V</b> -	4	T
Mains 110/230V	amber > 15cd red > 25cd	65 flashes/min	85—265 Vac	- IP65	310gms
Multivoltage MV		6 bursts/flash	10—100Vdc		

#### **Features:**

A bright LED beacon with low power consumption.

- Multivoltage 10–100Vdc, and mains 110Vac and 230Vac versions
- Unique patented design maximises light output
- Clear lens with coloured LEDs
- Low power consumption
- 3 year guarantee
- Weatherproof to IP65

#### **Product options:**

• Sounder plinth, fixes to base of beacon



FX29 Sounder Plinth (multivoltage version only). Part No. 521047

#### **Materials:**

Polycarbonate lens and base. ROHS compliant.

Product	i		Red
Mains 110/230V	Mains 110/230V 25mA @ 110Vac 15mA @ 230Vac		448053
Multivoltage MV	230mA @ 12Vdc 110mA @ 24Vdc 60mA @ 50Vac 40mA @ 100Vac	446052	446053
<del>&lt;</del> —106 mn	M	Drilling for Panel ounting (ISO 4148)  4 holes 7mm dia.	
147 mm		120°	130 mm dia.
	C	able entry	

## Hedgehog LED SQ1XMV/LED 360/24 and SQ1X12/LED 360/24



Lens Colour	20 – 100 Vdc	10 – 15 Vdc
Amber	424001	424011

	學	<del>-</del> V-	i	4	ATA
SQ1XMV/LED 360/24	60 flashes/min	20—100Vdc	24mA	IP65	0.3kg
SQ1X12/LED 360/24	60 flashes/min	10—15Vdc	48mA	IP65	0.3kg

#### **Features:**

A bright low profile LED beacon.

- High intensity flash
- Ultra-low power consumption
- 3 year guarantee
- Weatherproof to IP65
- Can be installed lens upwards or inverted

#### **Product options:**

- Multivoltage 20 100 Vdc or 10 15 Vdc version
- Sounder plinth , fixes to base of beacon (see Husky product options)

## Hedgehog Xenon SQ4XMV/2 360



Amber	Red
424095	424096

## 75 flashes/min 10-100Vdc 20-72Vac 145mA 40mA IP65 0.3kg

#### **Features:**

A bright, multivoltage low profile 2W Xenon beacon.

- Multivoltage  $10 100 \, \text{Vdc}$ ,  $20 72 \, \text{Vac}$
- · Bright, intense Xenon flash
- Ultra-low power consumption
- 12 months' guarantee
- Weatherproof to IP65
- · Can be installed lens upwards or inverted

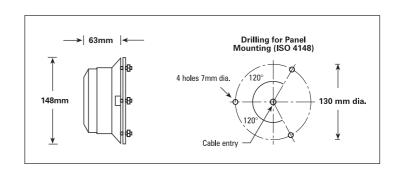
#### **Product options:**

Sounder plinth , fixes to base of beacon (see Husky product options)

## Information common to both Hedgehog LED and Hedgehog Xenon beacons

CE — certified to EMC directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$  (max  $40^{\circ}\text{C}$  above 80V).

**Materials:** Polycarbonate lens, ABS base.



## Mayday SQ4XDV/5, SQ4X110/5 and SQ4X230/5



CE - Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .

IP65	0.3kg

	學	4	<b>-V-</b>	i
SQ4XDV/5 5W	75/min	single flash	10 — 30Vdc	0.25A@12Vdc 0.2A@24Vdc
SQ4X110/5 5W	75/min	single flash	99 — 121Vac	110mA @110Vac
SQ4X230/5 5W	75/min	single flash	207 — 253Vac	50mA @230Vac

#### **Features:**

A bright directional low profile Xenon beacon.

- Low voltage (12/24Vdc) and mains voltage (110Vac or 230Vac) versions
- Up to 4 beacons can be synchronised
- 3,000 hours tube life
- 12 months' guarantee

#### **Materials:**

Lens Colour	SQ4XDV/5 (10 – 30Vdc) 5W	SQ4X110/5 (110Vac) 5W	SQ4X230/5 (230Vac) 5W	
Amber	427002	428012	428002	
Blue	427004	428014	428004	
Red	427003	428013	428003	
Clear	427001	428011	428001	
Green	427005	428015	428005	
Drilling for Panel Mounting (ISO 4148)  4 holes 7mm dia.  Cable entry				

## **LB Series** LB2DXDV/15 (12/24V) and LB2SX230/15 (230V)



CE — Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

4	ATA
IP65	0.37kg

	理	44	<b>-V</b> →	i
LB2DXDV/15	120/min	double flash	10 — 30Vdc	0.7A@12V 0.7A@24V
LB2SX230/15	120/min	single flash	207 — 253Vac	140mA @110Vac

#### Features:

A large high powered 15W Xenon beacon.

- Dual voltage 12/24V or 230V options
- No moving parts maintenance free
- Low power consumption
- 3,000 hours tube life
- 12 months' guarantee

#### **Materials:**

Polycarbonate lens and base.

Туре	Amber	Red	Blue	Green	
LB2DXDV/15 (12/24V)	450012	450013	450014	450015	
LB2SX230/15 (230V)	450002	450003	450004	450005	
145mm	Omm →	Drilling for Panel Mounting (ISO 4148)  4 holes 7mm dia.  120°  130 mm dia.			

## EL Series ELU2DXDV/15, EL2SX110/15 and EL2SX230/15



CE — Certified to EMC Directive 89/336/EEC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-30^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$  ( $-30^{\circ}\text{C}$  lower limit subject to intermittent and non-continuous use at temperatures below  $-20^{\circ}\text{C}$ ).

IP65	0.45kg

	學	44	<b>-V</b> →	i
ELU2DXDV/15 15W	120/min	double flash	11.5 — 30Vdc	1.25A@12V 0.6A@24V
EL2SX110/15 15W	120/min	single flash	90 — 125Vac	260mA @110Vac
EL2SX230/15 15W	120/min	single flash	207 — 253Vac	140mA @230Vac

#### **Features:**

A high powered 15W Xenon beacon with an inner fresnel lens and a smooth easy-clean outer lens.

- Low voltage (12/24Vdc) and mains voltage (110Vac or 230Vac) versions
- 3,000 hours tube life
- 12 months' guarantee

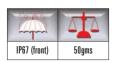
#### **Materials:**

Lens Colour	ELU2DXDV/15 (11.5 – 30Vdc) 15W	EL2SX110/15 (110Vac) 15W	ELSX230/15 (230Vac) 15W
Amber	470042	423022	423002
Blue	470044	423024	423024
Red	470053	423023	423003
Clear	470051	423021	423001
Green	470055	423025	423005
160 mm	mm —)	Drilling for Mounting ( 4 holes 7mm dia. 120°  Cable entry	130 mm dia.

## Microstrobe xP4XMV/1, XP4X110/1 & XP4X230/1



CE - Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}$ C to  $+50^{\circ}$ C.



	學	4	<b>-V</b> →	i
XP4XMV/1	75/min	single flash	10 — 100Vdc 20 — 72Vac	0.18A@12Vdc 0.14A@24Vdc 90mA@50Vac
XP4X110/1	75/min	single flash	99 — 121Vac	40mA @110Vac
XP4X230/1	75/min	single flash	207 — 253Vac	30mA @110Vac

#### Features:

A compact and reliable high intensity Xenon warning light. Its small size makes it easy to install.

- Three versions 10V 100Vdc / 20 72Vac, 99 – 121Vac and 207 – 253Vac versions
- · High intensity Xenon flash
- · Compact one piece housing
- · Simple to install in 22mm drilled hole plus keyway
- · IP67 lens assembly when installed
- 12 months' guarantee

#### **Materials:**

Polycarbonate lens unit, ABS back box.

Lenses and drive units o	rdered separately	Drive Unit	Туре	Part No.
Lens Colour	Part No.	XP4XMV/1	Multivoltage	425024
Amber	425042	AF4AIVIV/I	Multivoltage	425031
Blue	425044	XP4X110/1	110Vac	420020
Red	425043	XF4X110/1	TTOVAC	429030
Clear	425041	XP4X230/1	230Vac	429020
Green	425045	XF4X230/ I	230 Vac	429020
43mm		<-22mm→		5mm →
35mm				

## Ministrobe MS1X12/1 and MS1X24/1



CE - Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

	理	4	i	4	T
MS1X12/1 12Vdc	60/min	single flash	115mA	IP67	65gms
MS1X24/1 24Vdc	60/min	single flash	55mA	IP67	65gms

#### **Features:**

A compact and reliable Xenon flashing device. It comprises two assemblies; a drive module and a Xenon lamp unit.

- Multivoltage 12Vdc and 24Vdc versions
- Available in five lens colours
- Low power consumption
- 12 months' guarantee
- Weatherproof to IP67

#### **Materials:**

Acrylic lens and synthetic rubber base.

Lenses and drive units	ordered separately	Drive Unit	Type	Part No.	
Lens Colour Part No.					
Amber	571002	MS1X12/1	12Vdc	471007	
lue 571004					
Red	571003				
Clear	ear 571001		24Vdc	471008	
Green	571015				
→ 78 m	m	62 mm ——————————————————————————————————			
<b></b>		62 mm ——————————————————————————————————			

## **Sentry** RB4X12/24/2 Standard Battery and RB4X12/24/2 Long Life Battery



CE - Certified to EMC Directive 89/336/EEC. Complies with low voltage directive 2006/95/EC. High voltage transient and polarity reversal protection fitted. Operating temperature:  $-20^{\circ}$ C to  $+50^{\circ}$ C.

	IP65	1kg nominal
THE RESIDENCE AND ADDRESS OF THE PARTY OF TH		

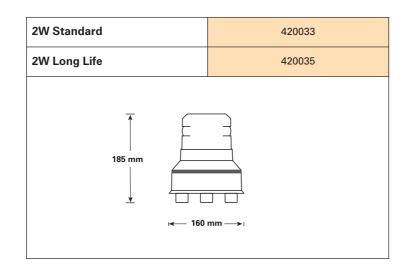
	60	理	4
RB4X12/24/2 Std (4hrs flash time — nominal)	10cd	64/min	single flash
RB4X12/24/2 Long Life (6hrs flash time — nominal)	10cd	64/min	single flash

#### Features:

A stand-alone rechargeable battery powered Xenon beacon.

- Compact 160mm diameter, 190mm high
- Replacement lenses available: amber, red, blue, green or clear
- Supplied with 12/24V charging lead, 230Vac mains charging option
- 12 months' guarantee
- Weatherproof to IP65

#### **Materials:**



## **Beacon Accessories**

Reference	Description	Part Number	LP Xenon LP-LED	LT Xenon LT-LED LT2-LED	RB Series Husky Pup Husky Pup2	MX-LED	Hedgehog (Xenon/LED) Mayday	LB Series	EL Series
FX1	Mounting Box	521001	~						
FX2	Mounting Base	521002	~	~					
FX9	Protector Guard	521033	7.7	Land C	V	~	4111		and a
FX10	Protector Guard	521021						1/1000	(V)
FX12	Single Bolt Kit	521019						1 1/9	V
FX14	Mounting Bracket	521018			V	~	~	V	V
FX23	Protector Guard	521040					~		
FX24	Surface Mount / Side Entry Kit	521043	SELEVE	ele Mile		A FEBRUARY	~		
FX28	Cable Entry Plinth	521052		The second second	V	~			V
FX29	Sounder Plinth (Multivoltage)	521047	4554.4		~			0	
FX32	DC Sounder plus FX28	521060			~	~		1	V
FX33	AC/DC Sounder plus FX28	521070	100		V	V			V
FX37	Protector Guard	521053	and any tree					~	
FX38	Mounting Pole with Sounder	521058	~	-		Time			
FX39	Mounting Pole	521059	~	~					
FX40	Mounting Bracket	521034	~	V					



Beacons shown above are not included with accessories.

## **Beacon Spare Parts**

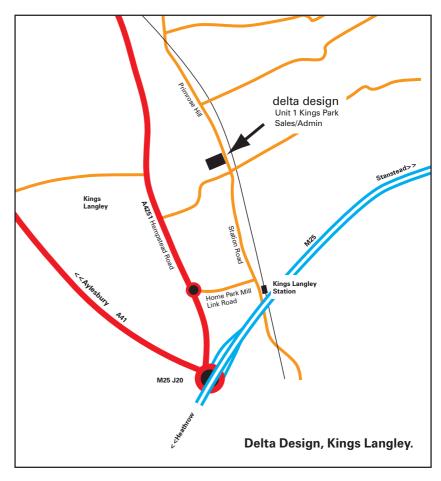
Product	Beacon	Clear / None	Amber	Red	Blue	Green
RB Lens Kit	RB Series/Husky/Husky Pup/Sentry.	517001	517002	517052	517053	517005
SQ Lens Kit	Mayday	517091	517092	517093	517094	517095
EL Lens Kit	EL Series	517021	517026	517023	517027	517025
LB Lens Kit	LB Series	-	517122	517123	517124	517125
MX Lens Kit	MX	517126	-	-	-	-
PU Lens Kit	Pup2	-	517127	-	-	-
Hedgehog Lens Kit	Hedgehog	-	517102	517103	-	-
Microstrobe Lens Kit	Microstrobe	425041	425042	425043	425044	425045
MiniStrobe Lens Kit	MiniStrobe	571001	571002	571003	571004	571015

## **How to Find Us**

#### **Delta Design**

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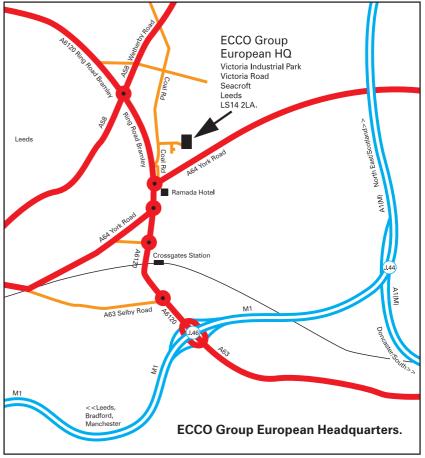
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