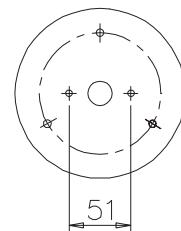
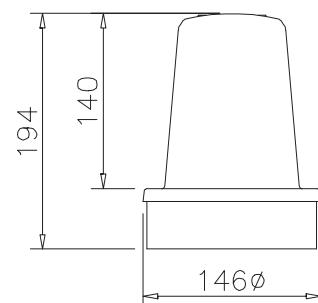
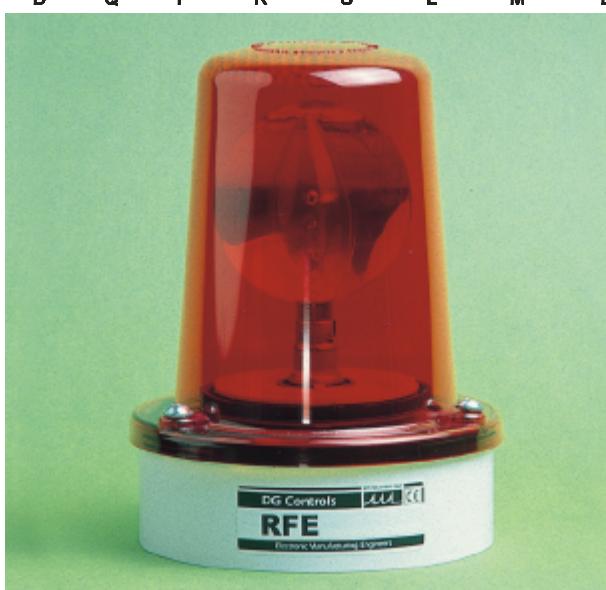


# Series E



The industrial hazard warning beacon setting the standard against which all others are measured. Incorporates fixing drillouts on 51mm centres for direct conduit box mounting (gasket supplied) with alternative 3 drillouts on 100mm PCD. Central 20mmØ entry in base and two side flat pads to allow for alternative entries. High grade engineering, UV-stabilised plastics (ABS Base, Polycarbonate Lens).

**Cage Guard :** G4  
**Wall Mounting Brackets:** MB1, MB1A, MB2/White or MB2/Black

## RFE/B15D Rotating Mirror Beacon

- Most popular rotating mirror beacon.
- Unique 'quiet-drive' system incorporating direct motor/turntable self-adjusting coupling and long life ball-race bearing. Eliminates nuisance of drive belt breakage and reduces drive-train noise.
- Beacon/Sounder [92dB(A) IP54] combination also available (see page 60).
- 360° All-round visibility.
- 24Vac, 50Vac, 110Vdc and 240Vdc models also available.

	12Vdc	24Vdc	115Vac	230Vac
Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits		± 15%		
Supply current	4.15A	2.15A	540mA	270mA
Luminous intensity	Red 64Cd Amber 192Cd Green 115Cd Blue 38Cd Clear 256Cd 48W		80Cd 240Cd 143Cd 48Cd 319Cd 60W	
Lamp rating			80mm, ±3°	
Reflector			180fpm (3Hz)	
Flash/min			-20C, +55C	
Temperature limits			IP65	
IEC protection class				

**Typical Order Code:** RFE/AC/230/B15D/Red

## RFE/TH Rotating Mirror Beacon with Tungsten Halogen Lamp

- High intensity H1 Tungsten Halogen version.
- Unique 'quiet-drive' system incorporating direct motor/turntable coupling and long life ball-race bearing. Eliminates nuisance of drive belt breakage and reduces drive-train noise.
- Beacon/Sounder [92dB(A) IP54] combination also available (see page 60).
- 360° All-round visibility.
- 115Vac and 230Vac versions available with external Transformer Box (ACTE) for low-voltage lamp.

	12Vdc	24Vdc
Supply voltage		± 15%
Supply voltage limits		3A
Supply current	4.75A	
Luminous intensity	Red 146Cd Amber 439Cd Green 264Cd Blue 88Cd Clear 586Cd 55W	187Cd 562Cd 337Cd 112Cd 750Cd 70W
Lamp rating		80mm, ±3°
Reflector		180fpm (3Hz)
Flash/min		-20C, +55C
Temperature limits		IP65
IEC protection class		

**Typical Order Code:** RFE/DC/24/TH70/Blue

For Installation Accessories please refer to page 64

**D.G. Controls Limited**

Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

Tel: +44 (0) 1283 550850 Fax: +44 (0) 1283 550776 E-mail: sales@deegee.com www: http://www.deegee.com  
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# Series E

## XFE/11 Joule and XFE/5 Joule Xenon Strobe Beacon

- High energy xenon strobe beacon.
- Repetitive Dual Flash (DH) and Single Flash (SH) models.
- Long-life xenon tube - typically > 20,000,000 flashes.
- 12Vdc, 24Vdc, 115Vac and 230Vac 11 Joule models.
- 12-100Vdc (12-72Vac) automatic voltage-ranging 5 Joule model (VRA).
- /SYNC option available to allow multiple units to be flashed in synchronism.
- 360° All-round and 270° All-over visibility.
- Special 240Vdc model also available.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac	VRA
Supply voltage limits			± 15%		n/a
Supply current	1.36A	680mA	160mA	80mA	7W
Luminous intensity	Red Amber Green Blue Clear	44Cd 132Cd 132Cd 44Cd 220Cd			20Cd 60Cd 60Cd 20Cd 100Cd
Flash Energy			11J		5J
Flash Event			DH or SH		SH Only
Flash rate adjustment			30, 45, 60, 90 fepm		
Temperature limits			-40C, +55C		
IEC protection class			IP65		

Typical Order Code: XFE/AC/115/DH/11J/Amber

## PSE/B15D Pulsed (Flashing) Beacon

- Solid-state operation.
- 12Vdc, 24Vdc, 115Vac and 230Vac versions.
- 24Vac version available to order - See 24Vdc versions for specification.
- 50% duty cycle (equal on/off periods).
- Terminals on-board for additional slave beacons - up to rated maximum slave load.
- 360° All-round and 270° All-over visibility.
- Alternative lamps and lamp caps available, e.g. E14.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac	
Supply voltage limits			± 15%		
Supply current	4A	2A	520mA	260mA	
Luminous intensity	Red Amber Green Blue Clear	13Cd 38Cd 23Cd 8Cd 50Cd			15Cd 45Cd 27Cd 9Cd 60Cd
Lamp rating		48W			60W
Max slave load	21W		48W	120W	300W
Flash/min			40fpm (0.667Hz)		
Temperature limits			-20C, +55C		
IEC protection class			IP65		

Typical Order Code: PSE/DC/12/B15D/Green

## SBE Static (Non-flashing) Beacon

- 12V, 24V, 50V, 115V and 230V models. AC or DC operation (B15D lamp supplied).
- 230Vac compact fluorescent model (CFT) also available.
- Can be supplied without bulb (Voltage designation 'O').
- Ideal slave unit (not CFT) to conventional **deegee** pulsed beacons (not LED).
- 360° All-round and 270° All-over visibility.
- Alternative lamps and lamp caps available, e.g. E14.

			Filament Lamp		CFT
Supply voltage	12Vdc	24Vdc	50Vdc	115Vdc	230Vdc
Supply voltage limits			± 15%		
Supply current	4A	2A	300mA	520mA	260mA
Luminous intensity	Red Amber Green Blue Clear	13Cd 38Cd 23Cd 8Cd 50Cd	4Cd 11Cd 7Cd 2Cd 15Cd	15Cd 45Cd 27Cd 9Cd 60Cd	12Cd 45Cd 27Cd 9Cd 60Cd
Lamp rating		48W	15W	60W	10W
Temperature limits			-20C, +55C		
IEC protection class			IP65		

Typical Order Code: SBE/AC/230/CFT/Red

## MFE/LED Multi-function LED Beacon

- High density matrix of long-life LEDs.
- Multiple functions selectable by either on-board jumper links or external switching.
- 360° All-round visibility.
- Single unit can indicate eight different switchable warning signals: -
 

Static	
Pulsed	3 speeds
Wig-Wag	2 styles
Chasing	120 cycles per minute
Off	60 cycles per minute

Supply voltage	12Vdc	24Vdc	115Vac	230Vac	
Supply voltage limits			± 15%		
Supply current	160mA	160mA	9mA	9mA	
Number of LEDs	Red Amber Green Blue Clear	48 48 48 24 24			48 48 48 24 24
Luminous Intensity			24Cd		
Flash/min			Mode Dependent		
Temperature limits			-40C, +55C		
IEC protection class			IP65		

Typical Order Code: MFE/DC/12/LED/Red

For Installation Accessories please refer to page 64

**D.G. Controls Limited**

Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

Tel: +44 (0) 1283 550850 Fax: +44 (0) 1283 550776 E-mail: sales@deegee.com www: http://www.deegee.com

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# Series E

## RFE/LED Revolving LED Beacon

- Solid-state LED beacon with revolving (simulated rotating) light effect.
- 360° All-round visibility.
- No moving parts.
- High density LED matrix.
- Long-life LEDs (>100,000 hours typical).
- Ultra-low current draw relative to achieved light output.

	12Vdc	24Vdc	115Vac	230Vac
Supply voltage			± 15%	
Supply voltage limits			100mA	
Supply current				
Number of LEDs	Red Amber Green Blue Clear	120 120 120 72 72		
Luminous intensity		16Cd		
Flash/min		150fpm (2.5Hz)		
Temperature limits		-40C, +55C		
IEC protection class		IP65		

Typical Order Code: RFE/AC/230/LED/Red

## PSE/LED Pulsed (Flashing) LED Beacon

- Pulsed beacon incorporating high density LED matrix.
- 360° All-round visibility.
- Long-life LEDs (>100,000 hours typical).
- 50% duty cycle (equal on/off periods).
- User selectable pulsed/static (flashing/non-flashing) operation by simple jumper link change.
- Very low current draw.

	12Vdc	24Vdc	115Vac	230Vac
Supply voltage			± 15%	
Supply voltage limits			50mA	
Supply current	300mA	150mA		25mA
Number of LEDs	Red Amber Green Blue Clear	120 120 120 72 72		
Luminous intensity		16Cd		
Flash/min		120fpm (2Hz)		
Temperature limits		-40C, +55C		
IEC protection class		IP65		

Typical Order Code: PSE/DC/24/LED/Blue

## SBE/LED Static (Non-flashing) LED Beacon - 360° All-round viewing

- Static (non-flashing) LED beacon
- 360° All-round visibility.
- Meets ICAO requirements for Low Intensity Obstruction Warning (Red only).
- High-density LED Matrix.
- Long-life LEDs (>100,000 hours typical).
- Ideal low-current slave to conventional **deegee** pulsed beacons (not LED).

	12Vdc	24Vdc	115Vac	230Vac
Supply voltage			± 15%	
Supply voltage limits			100mA	
Supply current	600mA	300mA		50mA
Number of LEDs	Red Amber Green Blue Clear	120 120 120 72 72		
Luminous Intensity		16Cd		
Temperature limits		-40C, +55C		
IEC protection class		IP65		

Typical Order Code: SBE/DC/12/LED/Green

## SBE/AOV-LED (Non-flashing) Static LED Beacon - 360° All-round + 270° All-over viewing

- Static (non-flashing) LED beacon.
- 360° All-round' and 270° All-over visibility.
- Meets ICAO requirements for Low Intensity Obstruction Warning (Red only).
- Additional 48Vdc model for specialist applications.
- High-density LED Matrix.
- Long-life LEDs (>100,000 hours typical).
- Ideal low-current slave to conventional **deegee** pulsed beacons (not LED).

	12Vdc	24Vdc	48Vdc	115Vac	230Vac
Supply voltage			± 15%		
Supply voltage limits			400mA	120mA	60mA
Supply current	800mA	400mA			
Number of LEDs	Red Amber Green Blue Clear	160 160 160 96 96			
Luminous Intensity		16Cd			
Temperature limits		-40C, +55C			
IEC protection class		IP65			

Typical Order Code: SBE/DC/48/AOV-LED/Red

For Installation Accessories please refer to page 64

**D.G. Controls Limited**

Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

Tel: +44 (0) 1283 550850 Fax: +44 (0) 1283 550776 E-mail: sales@deegee.com www: http://www.deegee.com

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