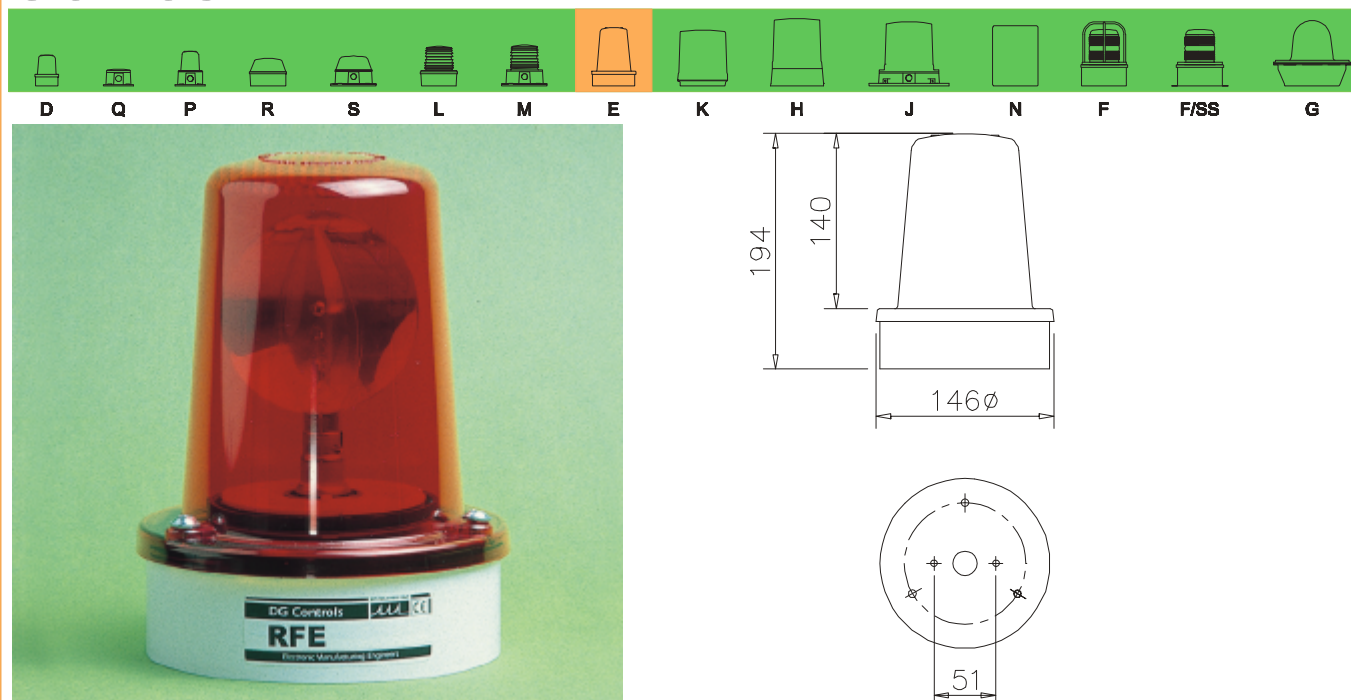


Series E



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.

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

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.

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

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

For Installation Accessories please refer to page 64

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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.
- 12Vuc, 24Vuc, 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	12Vuc	24Vuc	115Vac	230Vac	VRA
Supply voltage limits			± 15%		n/a
Supply current	1.36A	680mA	160mA	80mA	7W
Luminous intensity	Red		44Cd		20Cd
	Amber		132Cd		60Cd
	Green		132Cd		60Cd
	Blue		44Cd		20Cd
	Clear		220Cd		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	13Cd		15Cd
	Amber	38Cd		45Cd
	Green	23Cd		27Cd
	Blue	8Cd		9Cd
	Clear	50Cd		60Cd
		48W		60W
Lamp rating				
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	12Vuc	24Vuc	50Vuc	115Vuc	230Vuc	230Vac
Supply voltage limits			± 15%			
Supply current	4A	2A	300mA	520mA	260mA	45mA
Luminous intensity	Red	13Cd	4Cd	15Cd		12Cd
	Amber	38Cd	11Cd	45Cd		45Cd
	Green	23Cd	7Cd	27Cd		27Cd
	Blue	8Cd	2Cd	9Cd		9Cd
	Clear	50Cd	15Cd	60Cd		60Cd
		48W	15W	60W		10W
Lamp rating						
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 40, 120 and 300 fpm
 - Wig-Wag 2 styles 120 cycles per minute
 - Chasing 60 cycles per minute
 - Off

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	160mA	160mA	9mA	9mA
Number of LEDs	Red		48	
	Amber		48	
	Green		48	
	Blue		24	
	Clear		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

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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.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current			100mA	
Number of LEDs	Red		120	
	Amber		120	
	Green		120	
	Blue		72	
	Clear		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.

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	300mA	150mA	50mA	25mA
Number of LEDs	Red		120	
	Amber		120	
	Green		120	
	Blue		72	
	Clear		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).

Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	600mA	300mA	100mA	50mA
Number of LEDs	Red		120	
	Amber		120	
	Green		120	
	Blue		72	
	Clear		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).

Supply voltage	12Vdc	24Vdc	48Vdc	115Vac	230Vac
Supply voltage limits			± 15%		
Supply current	800mA	400mA	400mA	120mA	60mA
Number of LEDs	Red		160		
	Amber		160		
	Green		160		
	Blue		96		
	Clear		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

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