

Combined Beacons and Sounders



Combined Beacon and Sounder units integrate a beacon lamp with an audible sounder. These beacons are designed to satisfy the increasing customer demand for a single dual-function warning device.

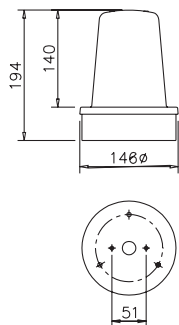
A wide range of options are available, including 110dB 32-tone IP65 LED Sounder Beacons (ISB-E and ISB-T), as well as 92dB IP54 large format Rotating Mirror units (RFE/B15D +AS), Miniature Xenon Strobe (XTA/2.5J + AS) and the latest ultra-low-power LED units in Pulsed (PSR/ULP-LED +AS and PSS/ULP-LED +AS) and Static (SBR/ULP-LED +AS and SBS/ULP-LED +AS)

versions. Other models are available; please contact your sales point for full details.

The Rotating Mirror, Xenon Strobe and Static LED units can be specified with a Mono-Tone, Pulsed-Tone or Chime-Tone sounder. The Pulsed LED units do not feature a choice of sounders; instead a Mono-Tone device is fitted, producing a pulsed sound following the cadence of the LEDs.

High-grade engineering plastics are used throughout with units featuring UV-stabilised polycarbonate lenses, available in Red, Amber, Green, Blue and Clear.

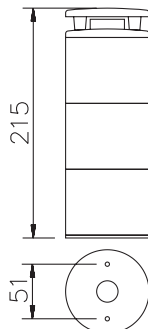
RFE/B15D + AS



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)	
Sound pressure level			92 dB(A) @ 1m	
Temperature limits			-20C, +55C	
IEC protection class			IP54	

Example Order Code: RFE/AC/230/B15D/Amber + AS/CT

XTA/2.5 Joule + AS



Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	360mA	180mA	120mA	60mA
Luminous Intensity				
	Red		8Cd	
	Amber		24Cd	
	Green		24Cd	
	Blue		8Cd	
	Clear		40Cd	
Flash Energy			2.5J	
Nominal flash rate			60fpm (1Hz)	
Sound pressure level			92 dB(A) @ 1m	
Temperature limits			-20C, +55C	
IEC protection class			IP54	

Example Order Code: XTA/DC/24/SH/2.5J/Red + AS/PT

For Installation Accessories please refer to page 73

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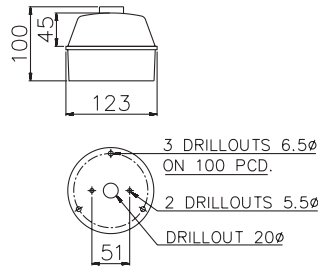
Cadley Hill Road, Swadlincote, Derbyshire, DE11 9TB, ENGLAND.

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Combined Beacons and Sounders

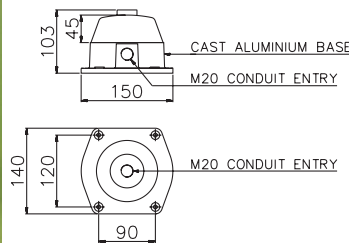
PSR/ULP-LED +AS and SBR/ULP-LED + AS



Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current (Pulsed)	50mA	30mA	10mA	10mA
Supply current (Static)	100mA	60mA	20mA	20mA
Number of LEDs	Red		12	
	Amber		12	
	Green		12	
	Blue		12	
	Clear		12	
Luminous intensity			7Cd	
Flash/min (PSR only)			120fpm (2Hz)	
Sound pressure level			92 dB(A) @ 1m	
Temperature limits			-20C, +55C	
IEC protection class			IP54	

Example Order Code: PSR/DC/24/ULP-LED/Red +AS/MT

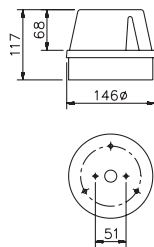
PSS/ULP-LED +AS and SBS/ULP-LED + AS



Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current (Pulsed)	50mA	30mA	10mA	10mA
Supply current (Static)	100mA	60mA	20mA	20mA
Number of LEDs	Red		12	
	Amber		12	
	Green		12	
	Blue		12	
	Clear		12	
Luminous intensity			7Cd	
Flash/min (PSS only)			120fpm (2Hz)	
Sound pressure level			92 dB(A) @ 1m	
Temperature limits			-20C, +55C	
IEC protection class			IP54	

Example Order Code: SBS/DC/12/ULP-LED/Red +AS/PT

ISB-E

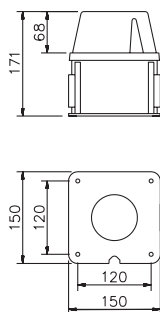


Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	Dependent upon selected tone			
Number of LEDs (All colours)	32			
Luminous intensity	66Cd			
Flash/min	120fpm (2Hz)			
Sound frequency*	2600Hz			
Sound pressure level @ 1m*	110dB(A)			
Temperature limits	-20C, +55C			
IEC protection class	IP65			

* Preset volume and tone selection will affect both the output frequency and maximum sound pressure level. See page 71 for tone selection options.

Example Order Code: ISB-E/DC/24/LED/Red

ISB-T



Supply voltage	12Vdc	24Vdc	115Vac	230Vac
Supply voltage limits			± 15%	
Supply current	Dependent upon selected tone			
Number of LEDs (All colours)	32			
Luminous intensity	66Cd			
Flash/min	120fpm (2Hz)			
Sound frequency*	2600Hz			
Sound pressure level @ 1m*	110dB(A)			
Temperature limits	-20C, +55C			
IEC protection class	IP65			

* Preset volume and tone selection will affect both the output frequency and maximum sound pressure level. See page 71 for tone selection options.

Example Order Code: ISB-T/AC/230/LED/Red

For Installation Accessories please refer to page 73

D.G. Controls Limited

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