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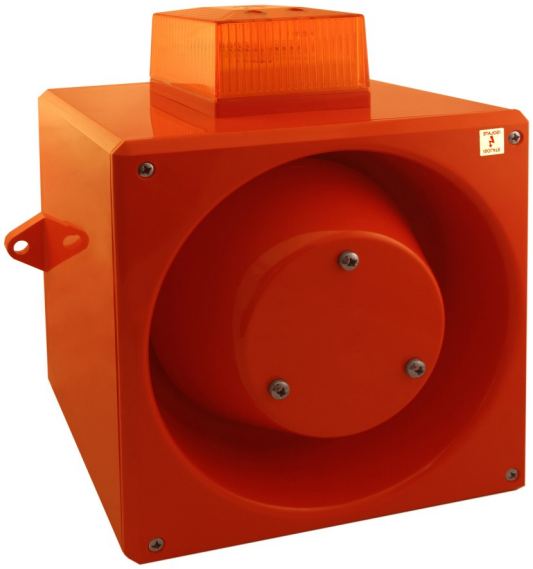
YL80

Flashing Xenon Sounder Beacon

Datasheet Version 1.1



Output: 5J Xenon flash, 116dB(A) sounder

IP Rating: IP65

Amber/Blue/Clear/Green/Opal/Red

Voltages: 24Vdc/115Vac/230Vac

Audio visual signalling

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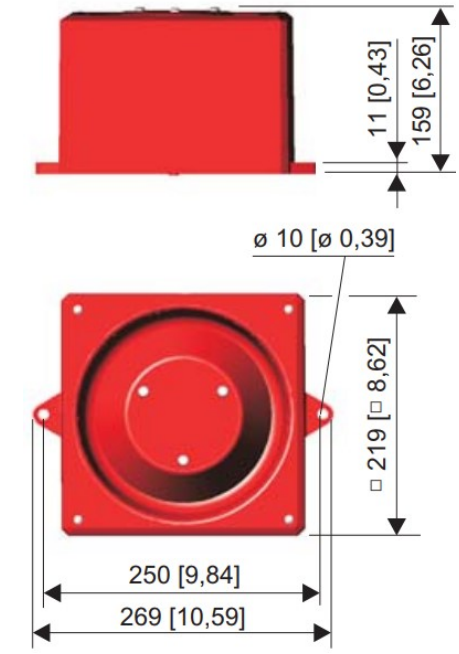
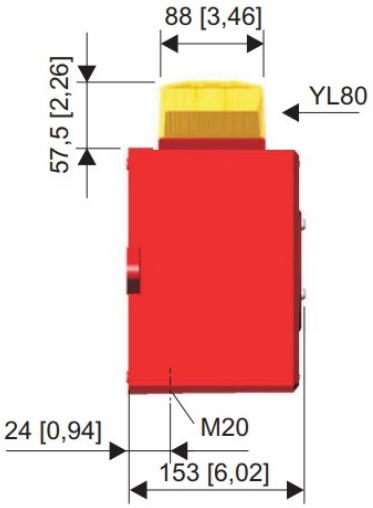
Versions	UL / MED
Sound output	116dB(A)
Tones	32
Stages	2
Light source	Xenon bulb
Flash energy	5 Joules
Flash rate	1Hz
IP rating	IP65
Cable entry	Must be fitted with suitable sealed gland
Terminal capacity	2.5mm² cables
Unit weight	3.21kg / 3.58kg (see model table)
Operating temp.	Standard: -25°C to +55°C UL version: -35°C to +66°C
Storage temp.	-40°C to +70°C
Relative humidity	93% ± 3 at 40 °C max
Body material	Flame retardant ABS
Lens material	Flame retardant polycarbonate
Colour	Amber, Blue, Clear, Green, Opal, Red
Available approvals	BSI, UL, VDS, MED





Voltage	Voltage Tolerance	Current
24Vdc	+/-10%	615mA
115Vac	+/-10%	218mA
230Vac	+/-10%	167mA

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Model Numbers

Version	Enclosure colour	Flash energy	Rated operational voltage	Lens colour	Order number	Art. no.	Weight kg
YL80 Sounder/Strobe combination, BS EN 54-3 + MED, standard devices	red flame (RF)	5 J	24 V DC	amber	YL80/D50/A/RF/WR	204678	3.210
				red	YL80/D50/R/RF/WR	204697	3.210
				green	YL80/D50/G/RF/WR	212022	3.210
				opal	YL80/D50/O/RF/WR	212024	3.210
				blue	YL80/D50/B/RF/WR	204684	3.210
				clear	YL80/D50/C/RF/WR	212025	3.210
			115 V AC	amber	YL80/L50/A/RF/WR	204703	3.580
				red	YL80/L50/R/RF/WR	204711	3.580
				green	YL80/L50/G/RF/WR	212026	3.580
				opal	YL80/L50/O/RF/WR	212027	3.580
				blue	YL80/L50/B/RF/WR	212028	3.580
				clear	YL80/L50/C/RF/WR	212029	3.580
			230 V AC	amber	YL80/N50/A/RF/WR	204720	3.580
				red	YL80/N50/R/RF/WR	204738	3.580
				green	YL80/N50/G/RF/WR	212030	3.580
				opal	YL80/N50/O/RF/WR	212061	3.580
				blue	YL80/N50/B/RF/WR	212062	3.580
				clear	YL80/N50/C/RF/WR	212063	3.580
YL80 Sounder/ Strobe combination, UL certification	red flame (RF)	5 J	24 V DC	amber	YL80/D50/A/RF/UL	204742	3.210
				red	YL80/D50/R/RF/UL	204743	3.210
				green	YL80/D50/G/RF/UL	212064	3.210
				opal	YL80/D50/O/RF/UL	212065	3.210
				blue	YL80/D50/B/RF/UL	212066	3.210
				clear	YL80/D50/C/RF/UL	212067	3.210
			115 V AC	amber	YL80/L50/A/RF/UL	204744	3.580
				red	YL80/L50/R/RF/UL	212068	3.580
				green	YL80/L50/G/RF/UL	212069	3.580
				opal	YL80/L50/O/RF/UL	212070	3.580
				blue	YL80/L50/B/RF/UL	212071	3.580
				clear	YL80/L50/C/RF/UL	212072	3.580
			230 V AC	amber	YL80/N50/A/RF/UL	209673	3.580
				red	YL80/N50/R/RF/UL	209674	3.580
				green	YL80/N50/G/RF/UL	212073	3.580
				opal	YL80/N50/O/RF/UL	212074	3.580
				blue	YL80/N50/B/RF/UL	212075	3.580
				clear	YL80/N50/C/RF/UL	212076	3.580
Note	Other voltages and variants are available. Please contact your local sales office for more details						