ROUND METAL CEILING LOUDSPEAKERS

• RCS5/T • RCS5/FTS

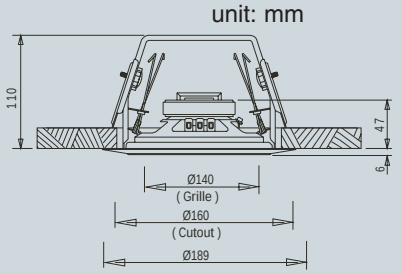
Technical Specifications	
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms, 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective frequency range, Hz (BS6840)	100–17,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	91
S.P.L. @ Full power Octave Bandwidth, dB	99
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	81 / 84
Dispersion at 1k/2k Hz, Degrees	RCS5/T: 180/ 160 RCS5/FTS: 180/120
Directivity Axial Q factor, 1k/2kHz	RCS5/T: 2.3/4.6 RCS5/FTS: 1.9/6.6
Dimensions, diameter, mm	Ø189
Net weight, Kgs	RCS5/T: 1.0, RCS5/FTS: 1.5
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS5/T: Ø160 RCS5/FTS: Ø164

RCS5/FTS is BS5839 Part 8 voice alarm compliant

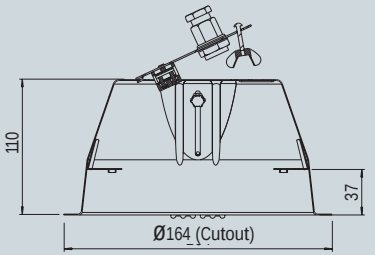
EASE, CATT, ULYSSES and Architectural specifications are supplied on the disc inserted at the back of this folder

Manufacturer reserves the right to alter specifications without notice – March 2004

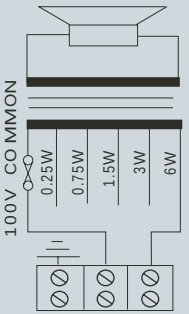
RCS5/T RCS5/FTS



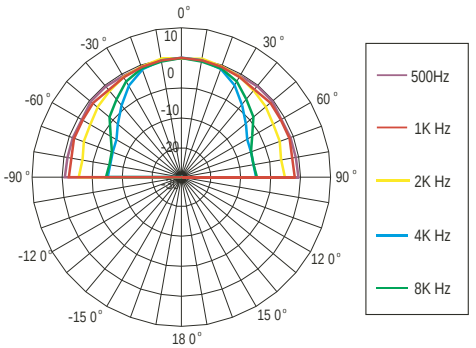
RCS 5/T Side View



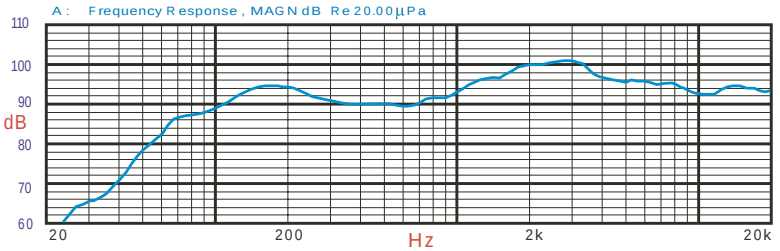
RCS 5/FTS Side View



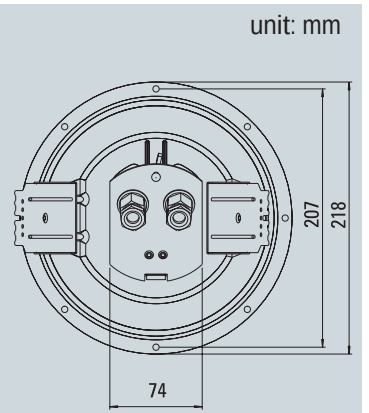
Circuit Diagram



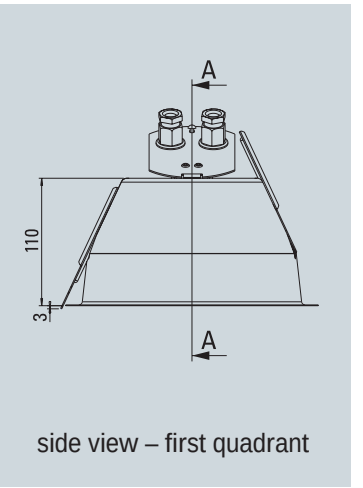
Polar Pattern



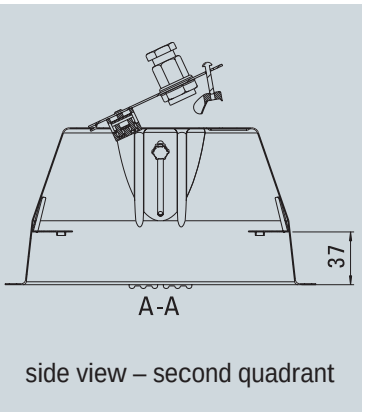
Frequency Response



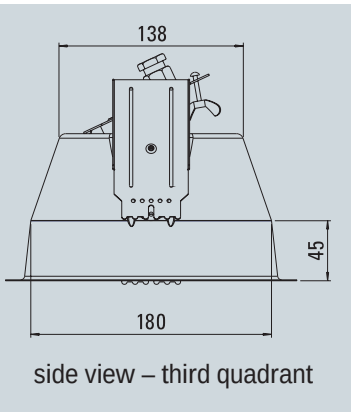
top



side view – first quadrant



side view – second quadrant



side view – third quadrant

• PEN5017 Firedome

This patented fire dome has been designed for ease of installation offering 1st and 2nd fit. The unique removable top plate on the dome comes complete with ceramic termination that enables the installer to make all cable connections on a flat plate rather than inside the frugal space offered on a standard fire dome. Once the cabling has been completed the supply line can be checked for continuity/earth faults without damaging the loudspeaker. The ceiling loudspeaker can be connected in the knowledge that the cables are sound.

* excluding cable grommets

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