

# ROUND METAL CEILING Loudspeakers



➤ **RCS8/T**

➤ **RCS8/FTS**

## TECHNICAL SPECIFICATIONS

Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms, 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective frequency range, Hz (BS EN60268-5)	RCS8/T: 65-17KHz RCS8/FTS: 150-17KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS8/T: 94 RCS8/FTS: 93
S.P.L. @ Full power Octave Bandwidth, dB	RCS8/T: 104 RCS8/FTS: 103
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS8/T: 89/90 RCS8/FTS: 87/90
Dispersion at 1k/2k Hz, Degrees	RCS8/T: 180/ 110 RCS8/FTS: 176/100
Directivity Axial Q factor, 1 k/2kHz	RCS8/T: 2.7/6.7 RCS8/FTS: 3.6/7.8
IP Rating	21
Max/Min Ambient Temp	70°/-25°
Dimensions, diameter, mm	Ø280
Net weight, Kgs	RCS8/T: 1.4, RCS8/FTS: 2.2
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS8/T: Ø238 RCS8/FTS: Ø246

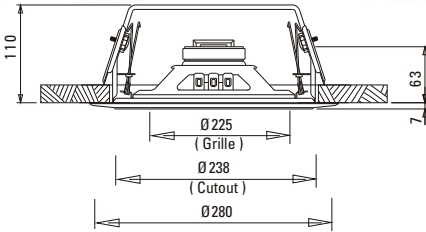
- RCS8/FTS is BS5839 Part 8 voice alarm compliant but not EN54-24 Certified
- RCS8/T IP Rated taken from the front of the speaker when installed horizontally in a ceiling
- Recommended for internal use only

Manufacturer reserves the right to alter specifications without notice

September 2016

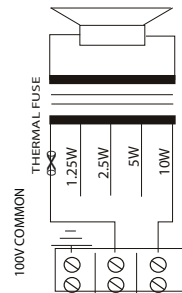
# ▶ RCS8/T ▶ RCS8/FTS

## ROUND METAL CEILING LOUDSPEAKERS

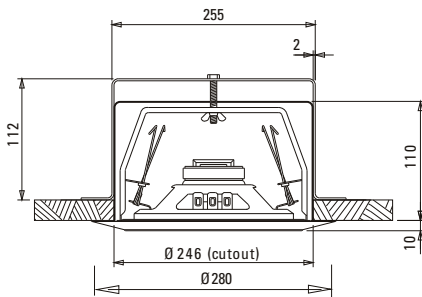


◀ **RCS8/T**  
side view  
unit: mm

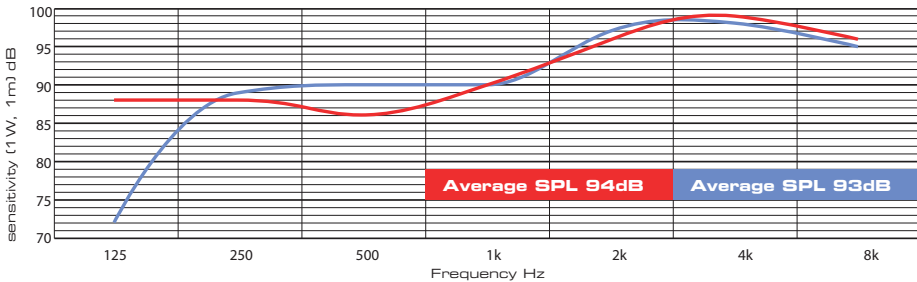
▶ circuit  
diagram  
**RCS8/FTS**



◀ **RCS8/FTS**  
side view  
unit: mm



### speech octave band sensitivity



Effective Frequency Range

- ▶ **RCS8/T** 65Hz - 17KHz
- ▶ **RCS8/FTS** 150Hz - 17KHz



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