

ROUND METAL CEILING Loudspeakers



- **RCS6/T**
- **RCS6/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 (BSEN60268-5)	RCS6/T: 65-18.5KHz RCS6/FTS: 180-18KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	RCS6/T: 95 RCS6/FTS: 95
S.P.L. @ Full power Octave Bandwidth, dB	RCS6/T: 103 RCS6/FTS: 103
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS6/T: 90/92 RCS6/FTS: 91/92
Dispersion at 1k/2kHz, Degrees	RCS6/T: 180/110 RCS6/FTS: 180/120
Directivity Axial Q factor, 1 k/2kHz	RCS6/T: 2.3/6.1 RCS6/FTS: 1.9/5.9
IP Rating	21
Max/Min Ambient Temp	70°/-25°
Dimensions, diameter, mm	Ø239
Net weight, Kgs	RCS6/T: 1.2, RCS6/FTS: 1.5
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS6/T: Ø190 RCS6/FTS: Ø200

- RCS6/FTS is BS5839 Part 8 Voice Alarm compliant but not EN54-24 Certified
- RCS6/T has IP Rating taken from the front of the speaker when installed horizontally in a ceiling
- Recommended for internal use only unless fitted with a CRSC/6 weatherproof cover

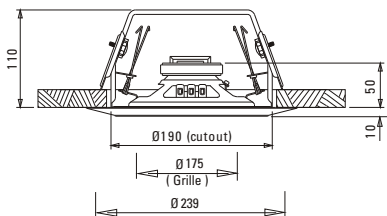
Manufacturer reserves the right to alter specifications without notice

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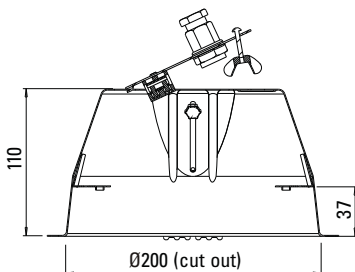
➤ **RCS6/T** ➤ **RCS6/FTS**

ROUND METAL CEILING LOUDSPEAKERS

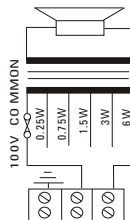
✓ **RCS6/T**
side view
unit: mm



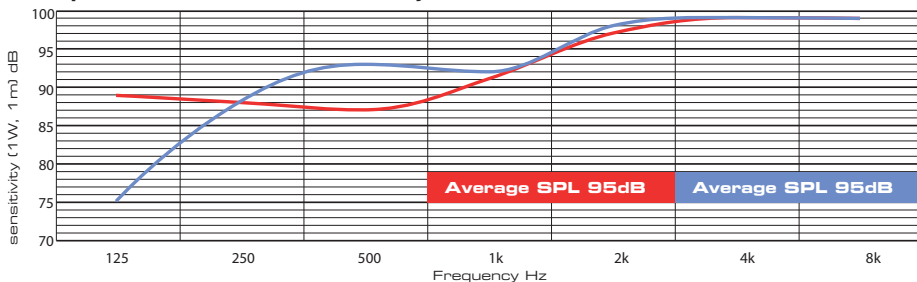
✓ **RCS6/FTS**
side view
(gland not supplied)
unit: mm



✓ **circuit diagram**
RCS6/FTS



speech octave band sensitivity



Effective Frequency Range

- **RCS6/T** 65Hz - 18.5KHz
- **RCS6/FTS** 180Hz - 18KHz



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