

ROUND CO-AXIAL METAL CEILING Loudspeakers



- **RCS5/TCOAX**
- **RCS5/FTSCOAX**

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 (BSEN60268-5)	RCS5/TCOAX: 70~18.5KHz RCS5/FTSCOAX: 130~18.5KHz
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100 Hz-10 kHz	RCS5/TCOAX: 91 RCS5/FTSCOAX: 91
S.P.L. @ Full power Octave Bandwidth, dB	RCS5/TCOAX: 101 RCS5/FTSCOAX: 101
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	RCS5/TCOAX: 88/88 RCS5/FTSCOAX: 88/86
Dispersion at 1k/2kHz, Degrees	RCS5/TCOAX: 180/180 RCS5/FTSCOAX: 180/160
Directivity Axial Q factor, 1k/2kHz	RCS5/TCOAX: 2.1/4.0 RCS5/FTSCOAX: 2.0/5.3
IP Rating	21
Max/Min Ambient Temp	70°/-25°
Dimensions, diameter, mm	Ø189
Net weight, Kgs	RCS5/TCOAX: 1.2 RCS5/FTSCOAX: 1.5
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	RCS5/TCOAX: Ø160 RCS5/FTSCOAX: Ø164

- RCS5/FTSCOAX is BS5839 Part 8 voice alarm compliant but not EN54-24 Certified
- RCS5/TCOAX is IP Rated 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

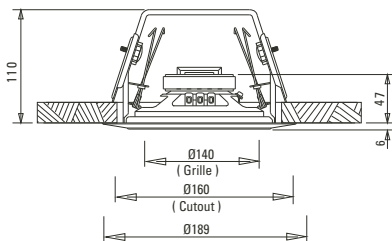
Manufacturer reserves the right to alter specifications without notice

July 2019

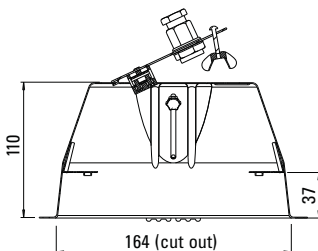
RCS5/TCOAX RCS5/FTSCOAX

ROUND CO-AXIAL METAL CEILING LOUDSPEAKERS

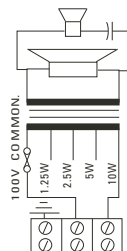
✓ **RCS5/TCOAX**
side view
unit: mm



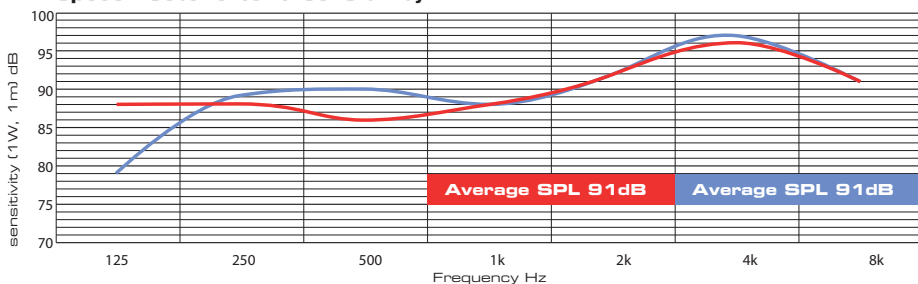
✓ **RCS5/FTSCOAX**
side view
(gland not supplied)
unit: mm



✓ **circuit diagram**
RCS5/FTSCOAX



speech octave band sensitivity



Effective Frequency Range

- **RCS5/TCOAX** 70Hz - 18.5KHz
- **RCS5/FTSCOAX** 130Hz - 18.5KHz



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