



DELIVERING YOUR MESSAGE

RCS6FTCX/EN

Ceiling Speakers

EN54-24:2008
Certificate No: 0359-CPD-0120 TYPE A



MAIN PROPERTIES

ELECTRICAL

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): 130 - 18.5K
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1kHz: 63
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz: 91
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1kHz: 73
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz: 101
Dispersion at 1k/2k Hz, Degrees: 180/140

ENVIRONMENTAL

IP-Rating: 21
Max/Min Amb Temp: 55°/-10°c
Relative Humidity: ≤95%

MECHANICAL

Dimensions, mm: Height 116, Ø189
Net Weight, Kgs: 1.5
Colour (Unless Specified) RAL9016
Material: Steel
Mounting Torsion springs
Cut-out, mm: Ø164



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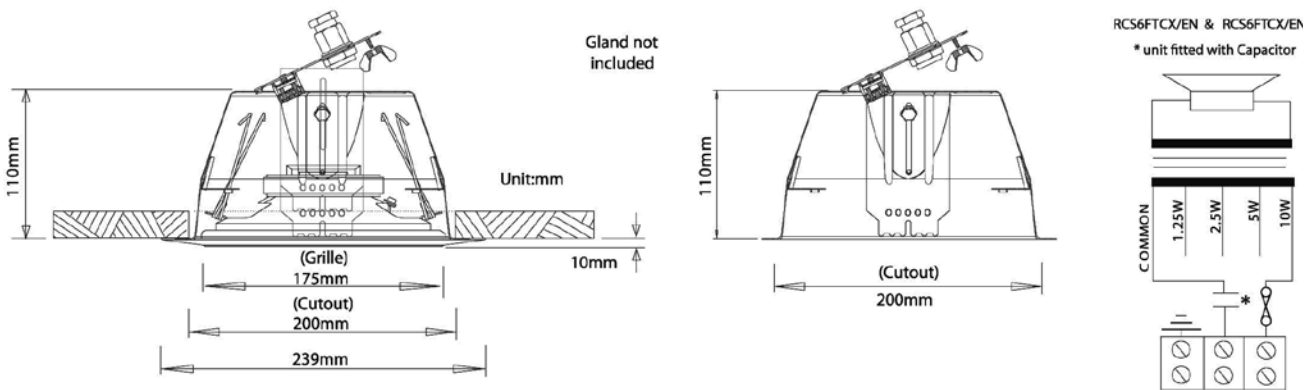
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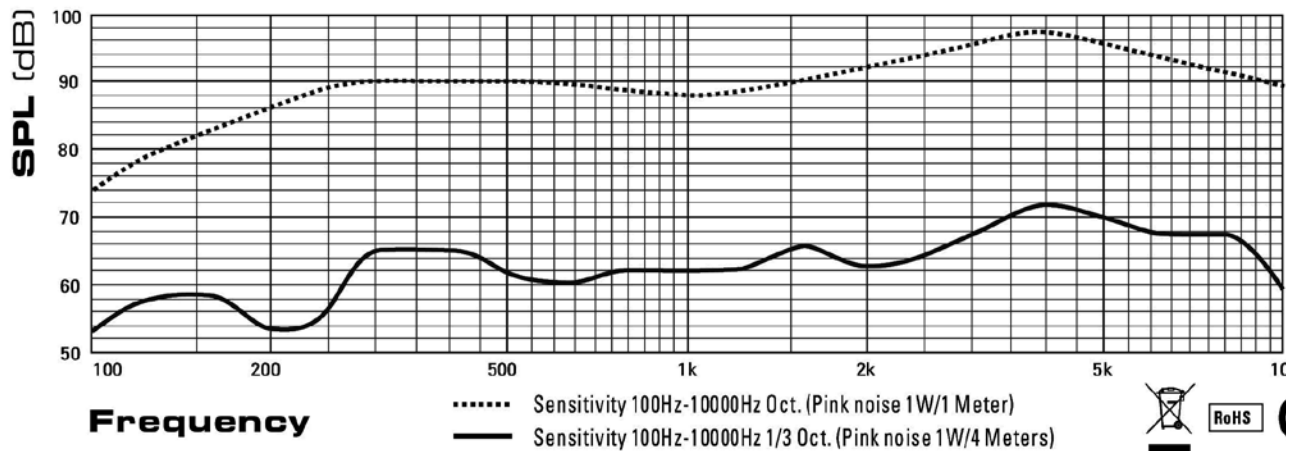
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING				BLACK
	1.25W	2.5W	5W	10W	COM
100V	1.25W	2.5W	5W	10W	COM
70V	0.625W	1.25W	2.5W	5W	COM
IMP(Ω)	8K	4K	2K	1K	

DISPERSION ANGLES

		HORIZONTAL	VERTICAL
1 OCT. PINK NOISE	500 Hz	180°	180°
1 OCT. PINK NOISE	1K Hz	180°	180°
1 OCT. PINK NOISE	2K Hz	180°	180°
1 OCT. PINK NOISE	4K Hz	60°	60°

FREQUENCY RESPONSE



The RCS6FTCX/EN & ENC have been tested for 100 hours at a maximum power of 10W. Both units did not deviate by more than +/3d. The frequency response and impedance curves remained constant throughout the test period. All results are in full compliance with the requirements of EN54-24.

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