

ROUND METAL CEILING LOUDSPEAKERS

➤ RCS5FTCX/EN ➤ RCS5FTCX/ENC

EN54-24



TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0120 TYPE A

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%

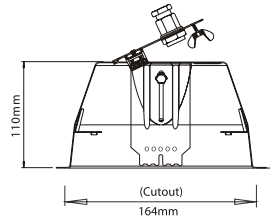
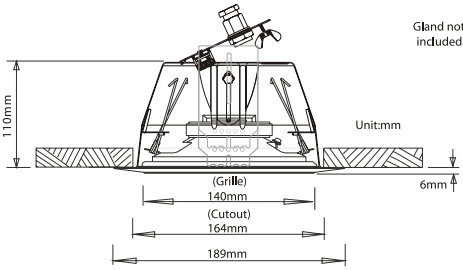
MECHANICAL

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

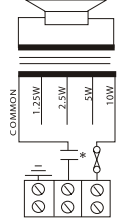
➤ RCS5FTCX/ENC is supplied with capacitor for DC line monitoring

RCS5FTCX/EN RCS5FTCX/ENC

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RCS5FTCX/EN & RCS5FTCX/ENC
* unit fitted with Capacitor



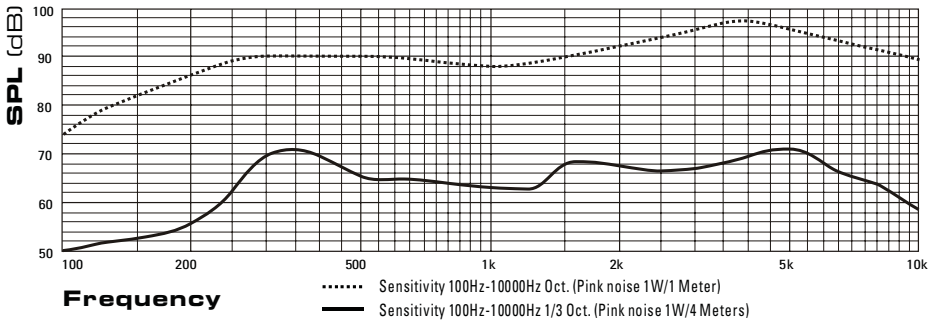
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING				BLACK
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	140°	140°
1 OCT. PINK NOISE	4K Hz	60°	60°

FREQUENCY RESPONSE



The RCS5FTCX/EN & ENC have been tested for 100 hours at a maximum power of 10W. Both units did not deviate by more than +/- 3dB. 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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