

ROUND METAL CEILING LOUDSPEAKERS

- **RCS5FT/EN**
- **RCS5FT/ENC**

EN54-24



TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0120 TYPE A

ELECTRICAL

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)	150 - 18K
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	65
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	95
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	72
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	102
Dispersion at 1k/2k Hz, Degrees	180/120

ENVIRONMENTAL

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

MECHANICAL

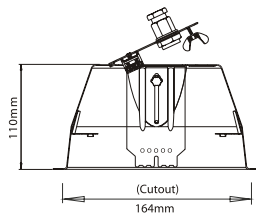
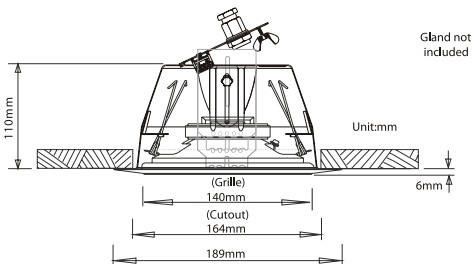
Dimensions, mm	Height 116, Ø189
Net Weight, Kgs	1.3
Colour (Unless Specified)	RAL9016
Material	Steel
Mounting	Torsion Springs
Cut-out, mm	Ø164

- RCS5FT/ENC is supplied with capacitor for DC line monitoring

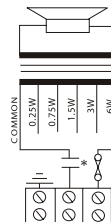
RCS5FT/EN RCS5FT/ENC

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RCS5FT/EN & RCS5FT/ENC
* unit fitted with Capacitor



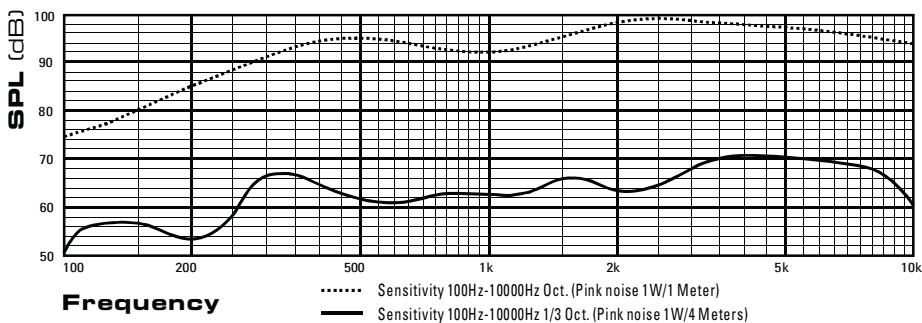
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING					BLACK
100V	0.25W	0.75W	1.5W	3W	6W	COM
70V	0.125W	0.375W	0.75W	1.5W	3W	COM
IMP(Ω)	39.9K	13.3K	6.66K	3.33K	1.67K	

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	120°	120°
1 OCT. PINK NOISE	4K Hz	80°	80°

FREQUENCY RESPONSE



The RCS5FT/EN & ENC have been tested for 100 hours at a maximum power of 6W. 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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