

# 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 Ambient Temp	55°/-10°C
Relative Humidity	≤95%

### MECHANICAL

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

- RCS5FT/ENC is supplied with capacitor for DC line monitoring
- RCS5FT/EN & C are BS5839 Part 8 Compliant
- Recommended for internal use only unless fitted with CRSC/6 weatherproof cover

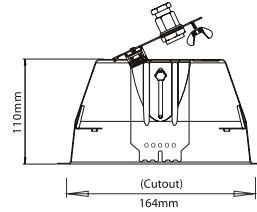
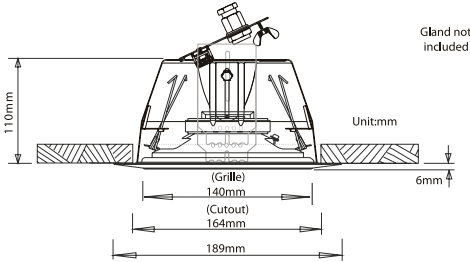
Manufacturer reserves the right to alter specifications without notice

August 2017

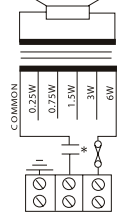
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RCS5FT/EN & RCS5FT/ENC  
\* unit fitted with Capacitor



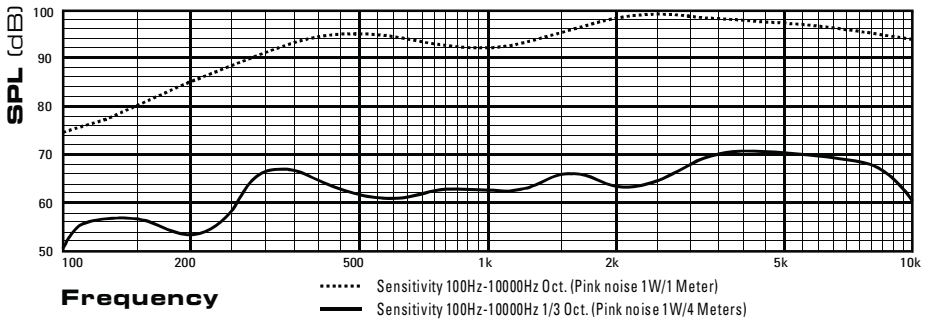
### WITH TRANSFORMER: 100V/70V LINE

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

### DISPERSION ANGLES

		HORIZONTAL	VERTICAL
<b>1 OCT.PINK NOISE</b>	500 Hz	180°	180°
<b>1 OCT.PINK NOISE</b>	1K Hz	180°	180°
<b>1 OCT.PINK NOISE</b>	2K Hz	120°	120°
<b>1 OCT.PINK NOISE</b>	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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