

# ROUND METAL CEILING LOUDSPEAKERS

## ➤ RCS6FTCX/EN ➤ RCS6FTCX/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 (BS EN60268-5)	95 - 20K
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1kHz	62
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	92
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	180/180

#### ENVIRONMENTAL

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

#### MECHANICAL

Dimensions, mm Height	120, Ø239
Net Weight, Kgs	2.0
Colour (Unless Specified)	White RAL9016
Material	Steel
Mounting	Torsion springs
Cut-out, mm	Ø200

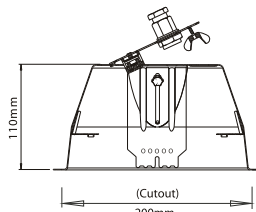
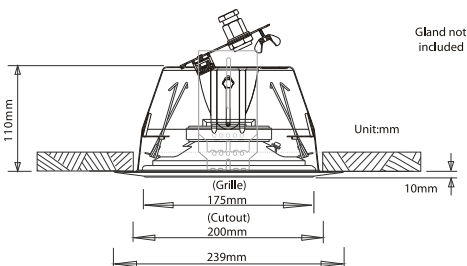
- RCS6FTCX/ENC is supplied with capacitor for DC line monitoring
- RCS6FTCX/EN & C are BS5839 Part 8 Compliant
- Recommended for internal use only unless fitted with CRSC/6 weatherproof cover

Manufacturer reserves the right to alter specifications without notice

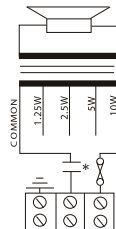
September 2016

# **RCS6FTCX/EN** **RCS6FTCX/ENC** ROUND METAL CEILING LOUDSPEAKERS

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RCS6FTCX/EN & RCS6FTCX/ENC  
\* unit fitted with Capacitor



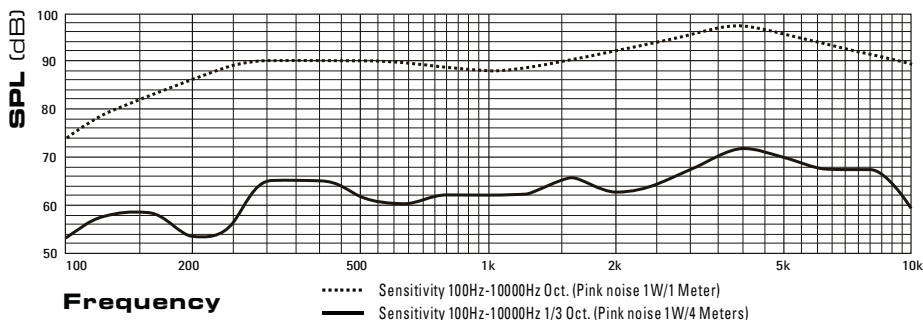
## WITH TRANSFORMER: 100V/70V LINE

	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
<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	180°	180°
<b>1 OCT.PINK NOISE</b>	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 +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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RoHS

