

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 (BSEN60268-5)	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 Amb Temp	55°/-10°C
Relative Humidity	≤95%

MECHANICAL

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

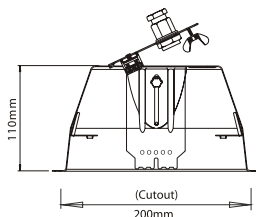
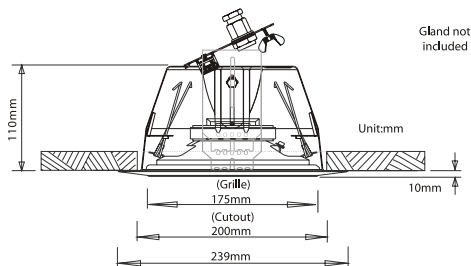
➤ RCS6FTCX/ENC is supplied with capacitor for DC line monitoring

RCS6FTCX/EN

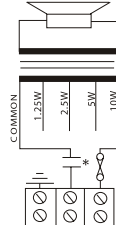
RCS6FTCX/ENC

ROUND METAL CEILING LOUDSPEAKERS

EN54-24



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



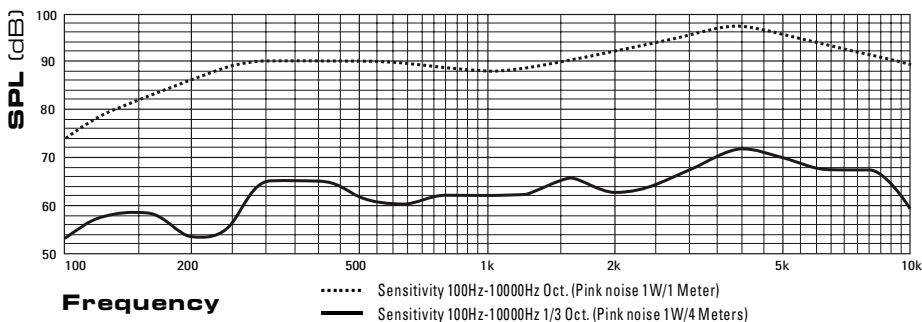
WITH TRANSFORMER: 100V/70V LINE

	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
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 +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.



Penton UK Ltd

Unit 2 Teville Industrials | Dominion Way | Worthing | West Sussex | BN14 8NW
T: +44 (0)1903 215315 | F: +44(0)1903 215415 | E: SALES@PENTONUK.CO.UK

www.pentonuk.co.uk

