



# RCS 4FT/EN SPECIFICATIONS



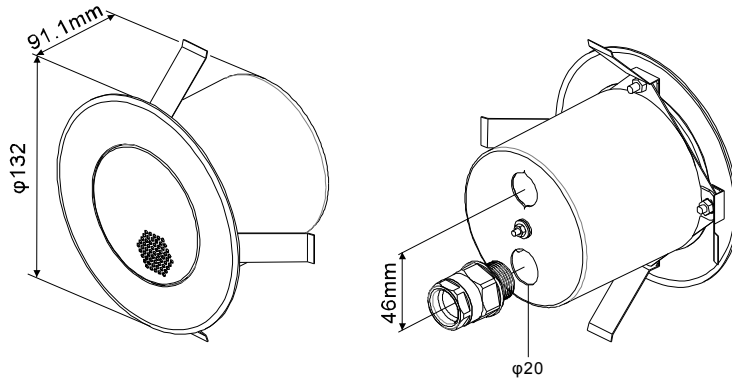
RoHS



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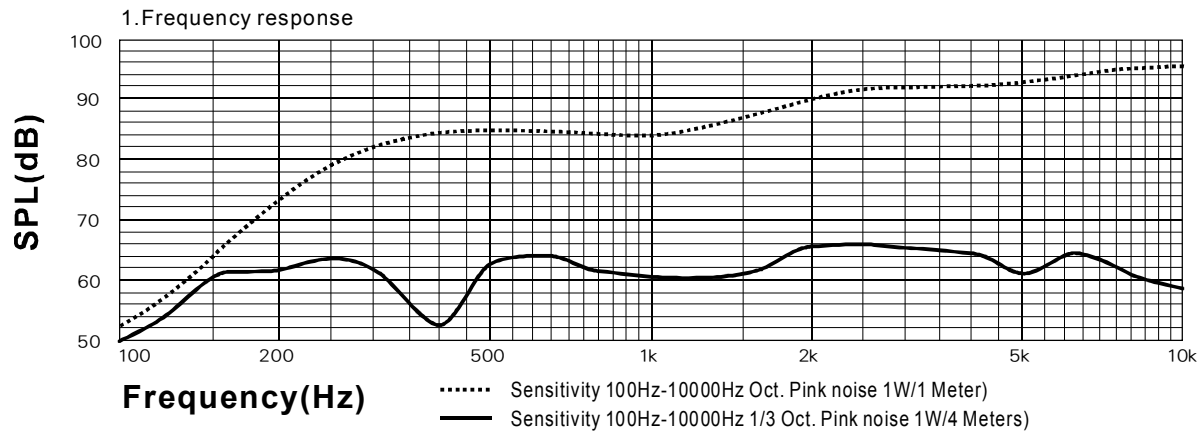
**EN54-24:2008  
0359-CPD-0137  
TYPE A**

With Transformer:

100V/70V line

	White wire plus tapping					Black
100V	0.25W	0.5W	1W	2W	4W	COM
70V	0.13W	0.25W	0.5W	1W	2W	COM
IMP.(Ω)	40K	20K	10K	5K	2.5K	

## Technical Specifications



### 2. Horizontal coverage angles = Vertical 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	120°	120°

### 3. Environmental

IP-rating.....21  
 Max/Min amb temp.....55 °C / - 10 °C  
 Relative humidity..... ≤ 95%

### 4. Electrical

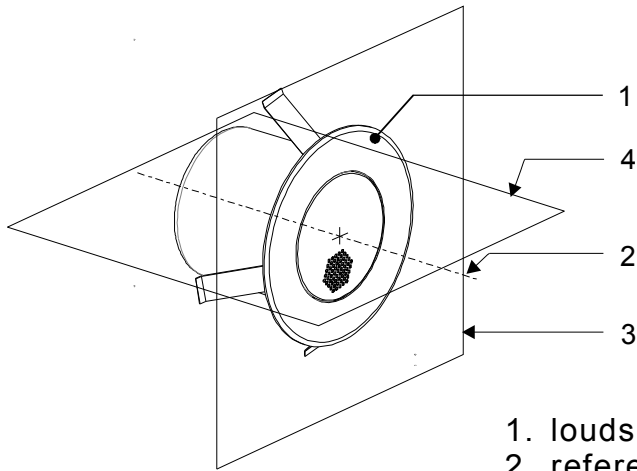
Rated power, Watts 4  
 Tappings 100 volt line, Watts 4/2/1/0.5/0.25  
 Transformer Impedance, Ohms 100V 2.5k/5k/10k/20k/40k  
 Tappings 70.7 volt line, Watts 2/1/0.5/0.25/0.13  
 Driver impedance, Ohms 8  
 Effective Frequency Range, Hz (BSEN60268-5) 200 - 18K  
 S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz 60  
 S.P.L. @ 1m, 1watt, dB, Octave 1KHz 83  
 S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz 66  
 S.P.L. @ 1m, Full power, Octave 1KHz 89

### 5. Mechanical

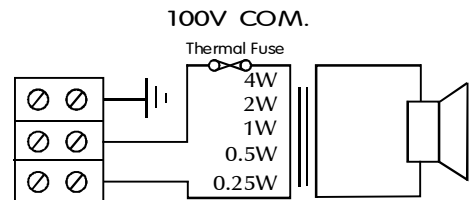
Dimensions φ132mm  
 Net weight, Kgs 0.92  
 Colour (Unless Specified) RAL9016  
 Material Steel  
 Mounting Fixing Springs x 4 (stainless steel)  
 Cut-out, mm φ119

RCS 4FT/EN has been tested in 100 hours max power (4W). The model does not deviate more than ± 3dB from the original test value. The freq. response curve and impedance complies with the original one. All SPL tests are performed in a anechoic chamber (<70m/3).

**RCS 4FT/EN INSTALLATION GUIDE**

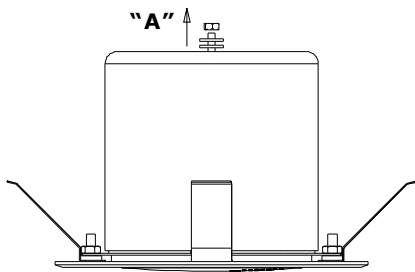


- 1. loudspeaker enclosure
- 2. reference axis
- 3. reference plane
- 4. horizontal plane

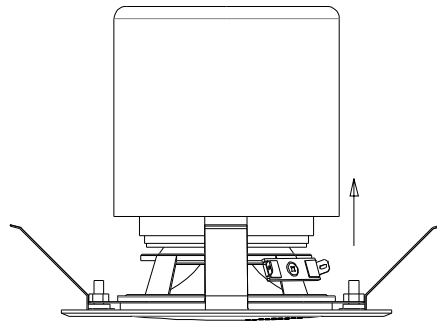


**Circuit Diagram**

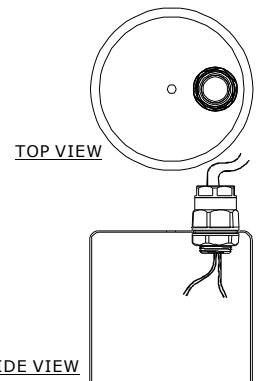
**RCS 4FT/EN**



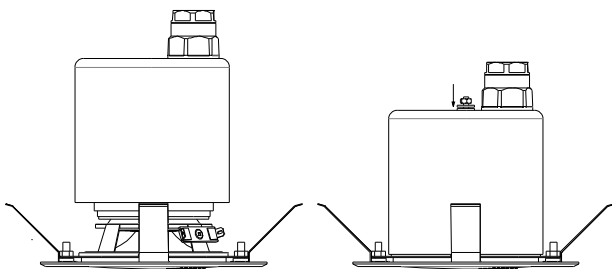
1/ Loosen nut and remove washer and O-ring @ "A".



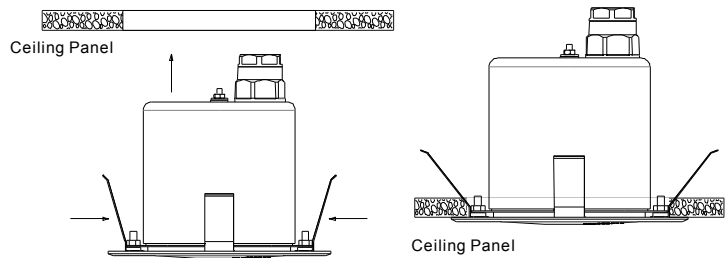
2/ Lift the dome, this will disengage the hole Plate.



Dome.  
3/ Connected the wire.



4/ Re fit the Dome, O-ring and washer.  
5/ Tighten nut.



Fitting the dome into a ceiling  
6/ Cut out the ceiling with appropriate size. (About  $\varnothing 119\text{mm}$ )  
7/ Holding down four sides of the S-S springs into the pre-cut hole.