

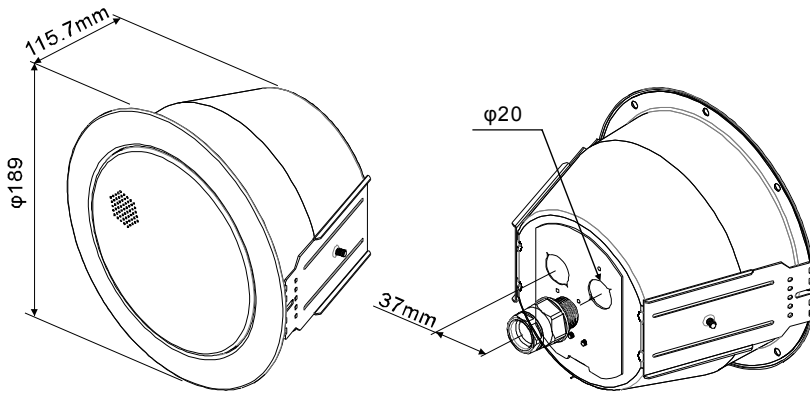


# RCS 5FT/EN SPECIFICATIONS

ATEIS EUROPE B.V. Website: www.ateis-international.com  
 Sydneystraat 42, ROTTERDAM, 3047 BP, Netherlands. Tel: 31-10-2088690



RoHS



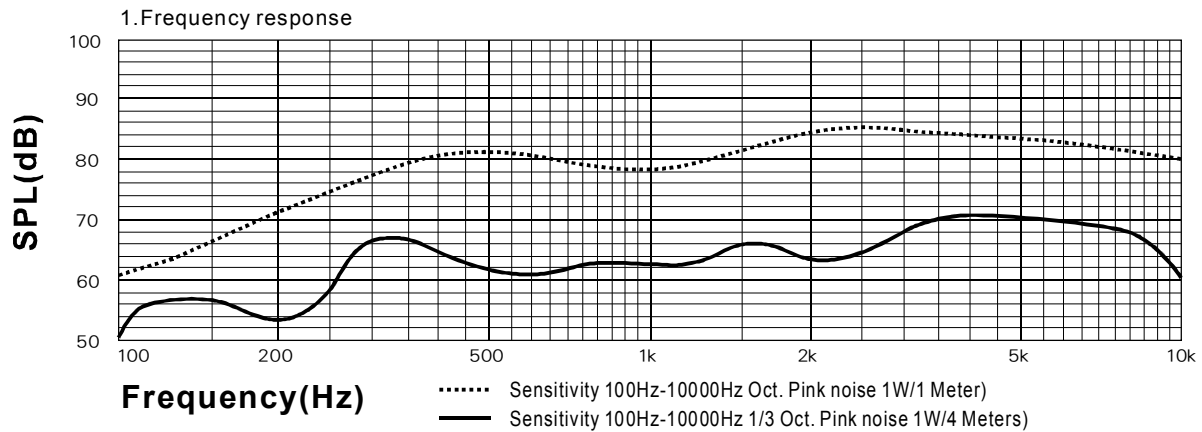
**EN54-24:2008**  
**0359-CPD-0137**  
**TYPE A**

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	6.67K	3.33K	1.67K	

## 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	120°	120°
1 Oct. Pink noise	4K Hz	80°	80°

3. Environmental

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

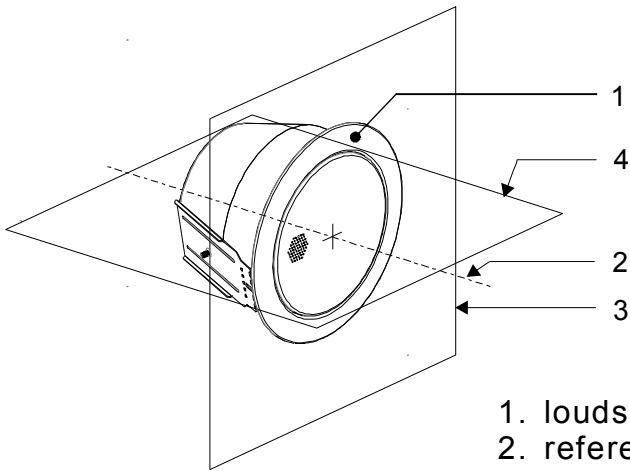
4. Electrical

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/6.67k/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, Octave 1KHz 94  
 S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz 72  
 S.P.L. @ 1m, Full power, Octave 1KHz 102

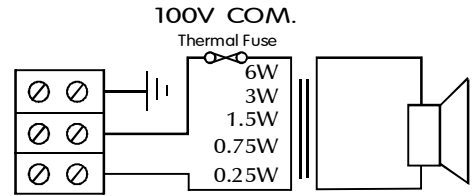
5. Mechanical

Dimensions φ189mm  
 Net weight, Kgs 1.3  
 Colour (Unless Specified) RAL9016  
 Material Steel  
 Mounting Torsion springs  
 Cut-out, mm φ164

RCS 5FT/EN has been tested in 100 hours max power (6W). 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).

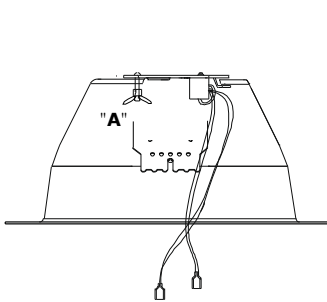


- 1. loudspeaker enclosure
- 2. reference axis
- 3. reference plane
- 4. horizontal plane

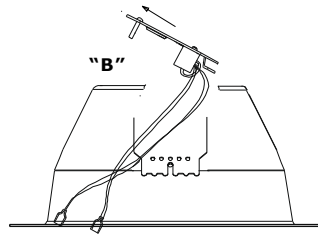


**Circuit Diagram**

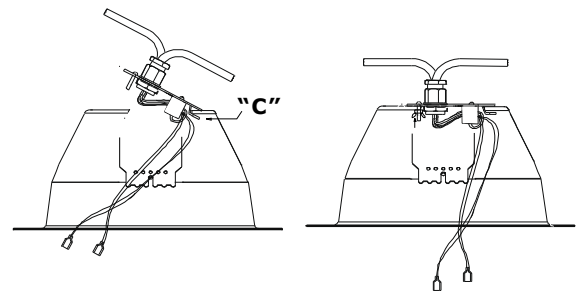
**RCS 5FT/EN  
RCS 6FT/EN**



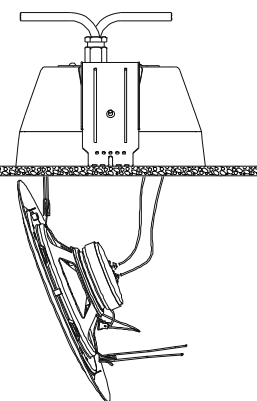
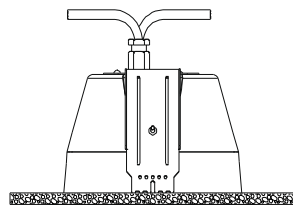
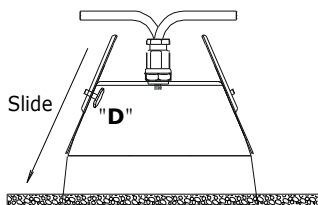
1/ Loosen wingnut "A".  
 (you have to remove the wing nut completely)



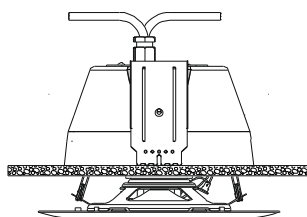
2/ Lift the plate slightly @ "B", this will disengage the whole Plate.



3/ Wire plate.  
 4/ Tilt the Plate and re fit it.  
 5/ Be sure you push and slide the retaining clip "C" to the most closely.  
 6/ Tighten wing nut.



9/ Fitting the Speaker.  
 Compress one of "V" spring and fit in to the retaining ear within the dome.  
 Connect leads to the speaker transformer.



10/ Fit second "V" spring in to second retaining ear and gently push the speaker up into the dome. (do not push the central perforated grille area) the Speaker will self-locate into the dome.