

EN54 CEILING SPEAKER

- 60W 100V 2-WAY LOUDSPEAKER
- SIZE 8" (200 MM)
- QUICK MOUNT
- BASS REFLEX
- WEATHERPROOF TO IP21C
- METAL FIREDOME HOUSING
- ROTARY SWITCH POWER SELECTION
- EXCELLENT SOUND QUALITY
- FULLY CERTIFIED TO EN54-24



OVERVIEW

The SPCB-60W-80-EN54 is a 60W 100V ceiling loudspeaker fitted with a Firedome for voice alarm applications. It has an 8" (200mm) 2-way bass reflex loudspeaker chassis with a high-quality neodymium tweeter providing excellent sound quality for speech and background music.

Certified to EN54-24, the speaker is fitted with a 100V transformer with four power level adjustment tapings of 60W, 30W, 15W and 7.5W, selectable using a rotary switch on the front of the speaker, behind the grille. Low impedance operation is also possible.

The sturdy metal Firedome housing in RAL 9016 (traffic white) guarantees long-term durability. For additional reliability, a thermal fuse is provided. The speaker is protected to class IP 21C and the speaker chassis is treated against damp.

Easy installation is made possible through quick-mount clamps tightened using a simple screw system. The finely perforated speaker grille can be removed quickly for access to the power rating switch and the grille can be easily replaced by a different coloured grille, even after installation.

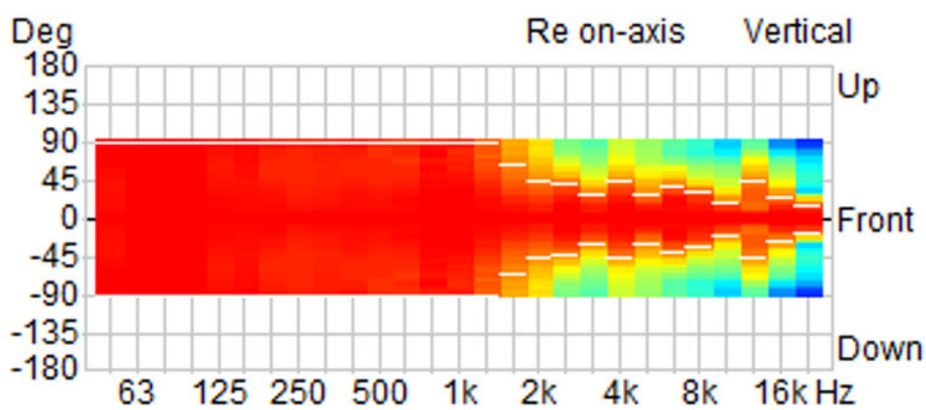
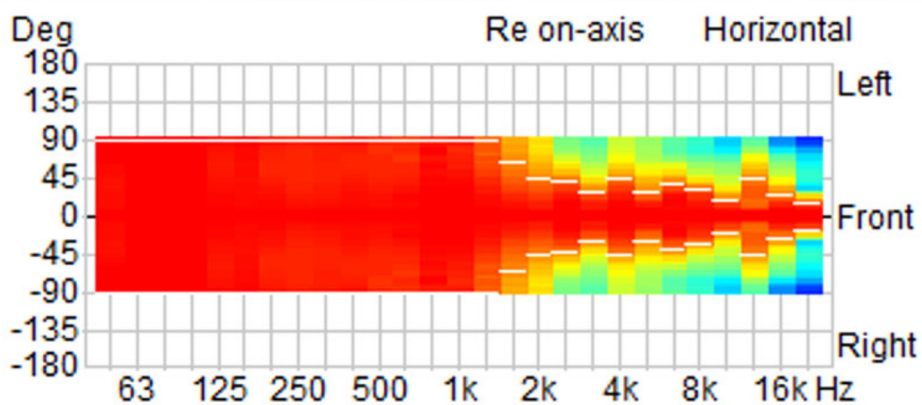
Please note that although thin ceilings can be used as a mounting surface, it should be ensured that the ceiling thickness and strength are appropriate to the weight (4.7 kg) of the loudspeaker, and to the thickness and weight of the 100V line loudspeaker cable.

EASE data is available for this speaker on request.

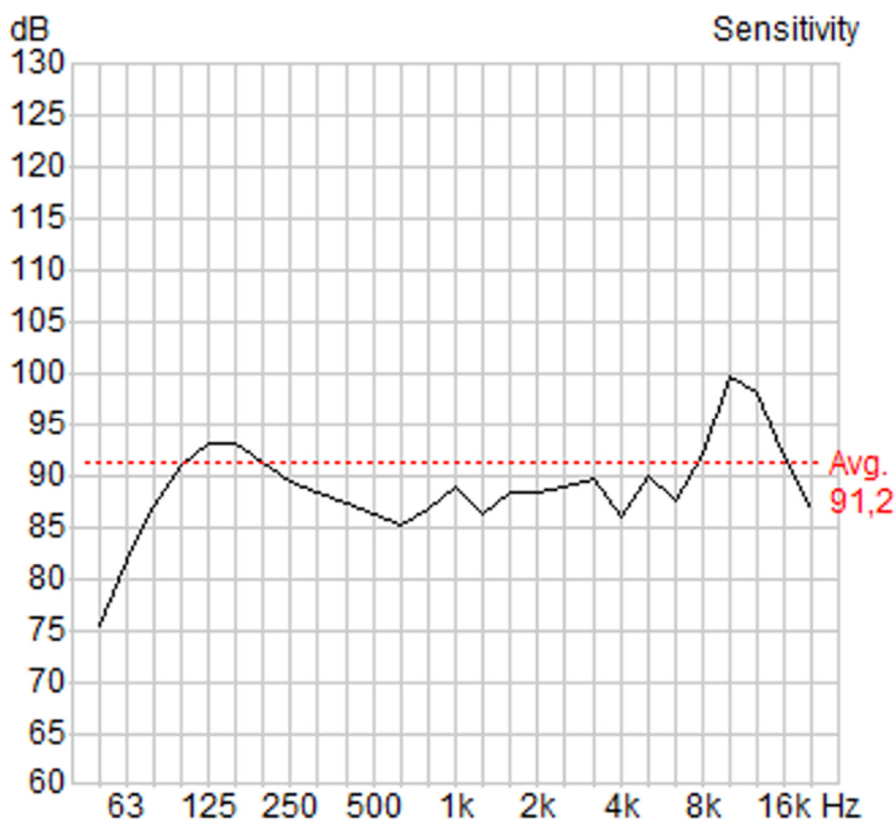
PRODUCT ATTRIBUTES

Description	SPCB-60W-80-EN54
Power Tappings	60 / 30 / 15 / 7.5 (8) W
Impedance	167 / 333 / 667 / 1333 ohm
Frequency Range	63 - 22,000 Hz
Frequency Response	50 - 24,000 Hz
SPL 1W / 1m, peak	93.0 dB
SPL 1W / 4m, peak	81.0 dB
SPL Pmax / 4m, peak	98.7 dB
SPL Rated Noise Power / 4m	94.9 dB
Sensitivity EN54-24, 1W / 4m	79.2 dB
Sensitivity IEC 268-5, 1W/1m	91.2 dB
Dispersion (-6dB, 500Hz)	180°
Dispersion (-6dB, 1KHz)	165°
Dispersion (-6dB, 2KHz)	130°
Dispersion (-6dB, 4KHz)	80°
Temperature Range	-10 / +55 °C
Dimensions	319 x 254mm
Ceiling Cut-out	302mm
Weight (net)	4.7 kg
Colour	RAL 9016 (Traffic White)
Connector	4-way clamp terminal
Mounting	Quick Mount Screwed Wing-Clamps
IP Rating	IP21
Maximum cable cross section	4.9mm ²
Maximum cable cross section loop	2 x 4.9mm ²
Packing Unit	4

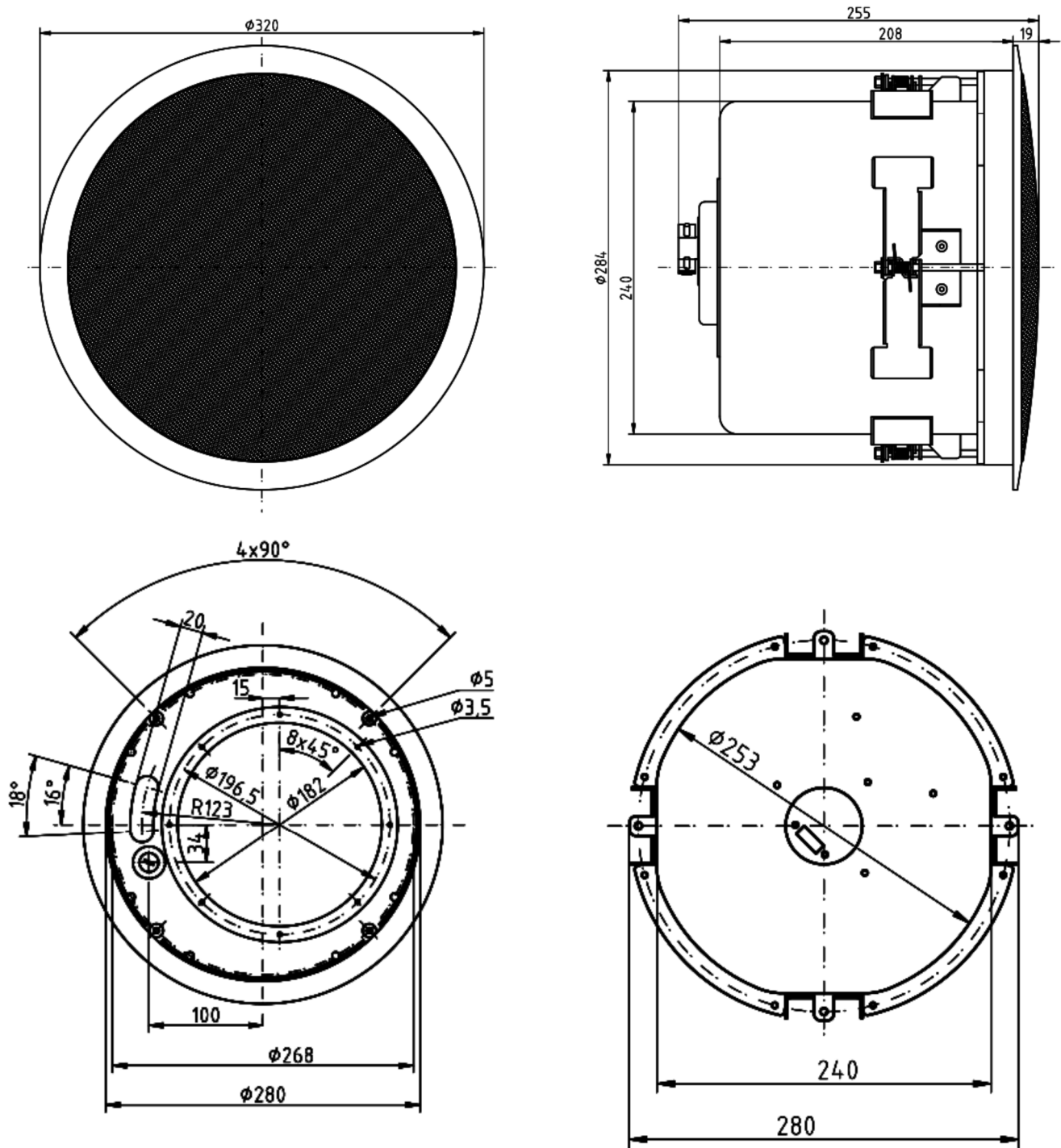
POLAR DIAGRAM



FREQUENCY RESPONSE DIAGRAM



DIMENSIONAL DIAGRAMS



Measurements according to DIN IEC 268-5
 RoHS compliant (2011/65/EU & 2015/863/EU)



This equipment is designed and manufactured to conform to the following EU Directives:

Low Voltage: 2014/35/EU
 Restriction of Hazardous Substances (RoHS): 2011/65/EU & 2015/863/EU

Manufacturer

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Assessed to ISO 9001
 LPCB Cert No: C1043