

## CSFD-60W-200

60 Watts Ceiling Loudspeaker



**EN 54 24**



- Bass reflex
- Quick mounting
- Sturdy metal housing



EN 54-24:2008  
Ref. Nr.: 008-19  
ID-Code: SAA-LS08  
0068-CPR-190/2023

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CE-Symbol gemäß Richtlinie 93/68EWG

### APPLICATION

- Public Address and Voice Alarm
- Background Music
- Audio Visual

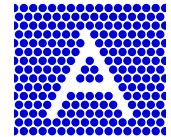
### AREA OF USE

- Health
- Education
- Retail
- Hospitality
- Stadiums
- Transportation
- Theme parks
- Military

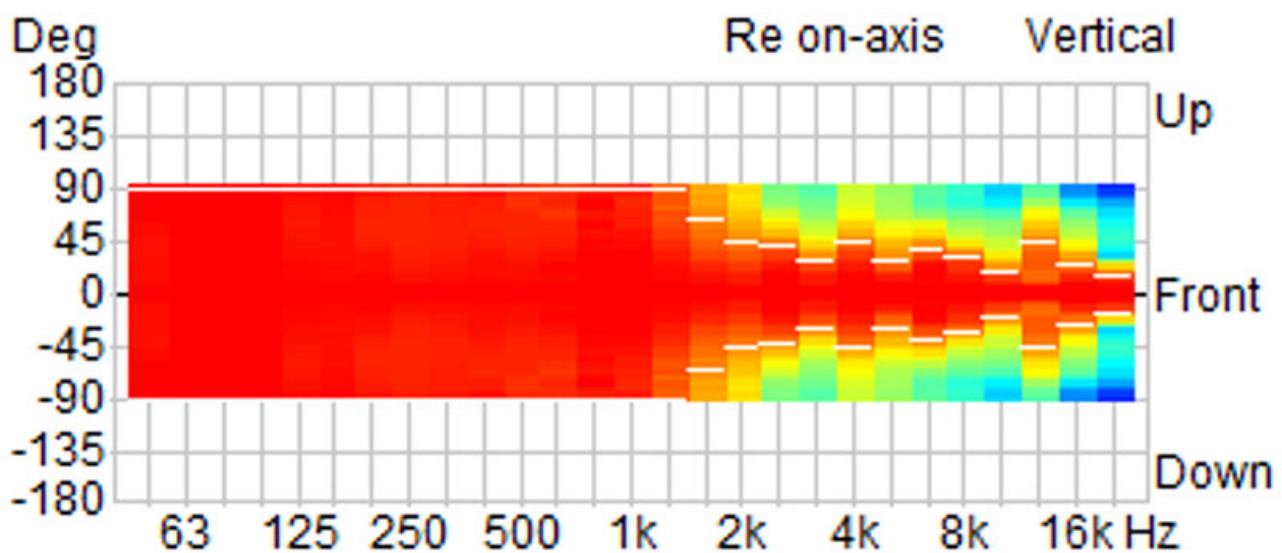
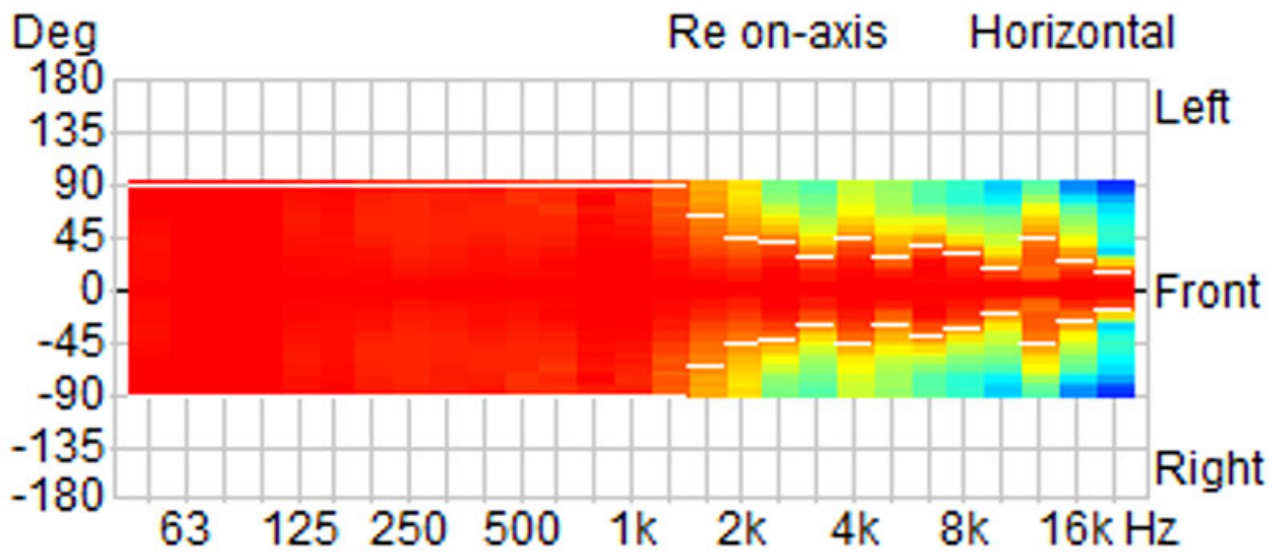
### OVERVIEW

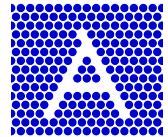
The 60W powered speaker is equipped with a 200mm 2-way bass reflex system featuring a neodymium tweeter and a 100V transformer with 4 power adjustments. The speaker offers very high sound quality. Low impedance operation is also possible. The sturdy metal housing in RAL 9016 guarantees long-term durability. A strain relief fitting provides additional reliability.

The speaker is also protected against the risks of environmental influences with protection class IP 21C and the speaker chassis is impregnated against wetness. Quick and uncomplicated screw mounting, the connection is made via a sturdy 4-pole screw terminal. Thanks to modern 2-way technology, particularly suitable for installations with demanding sound quality.

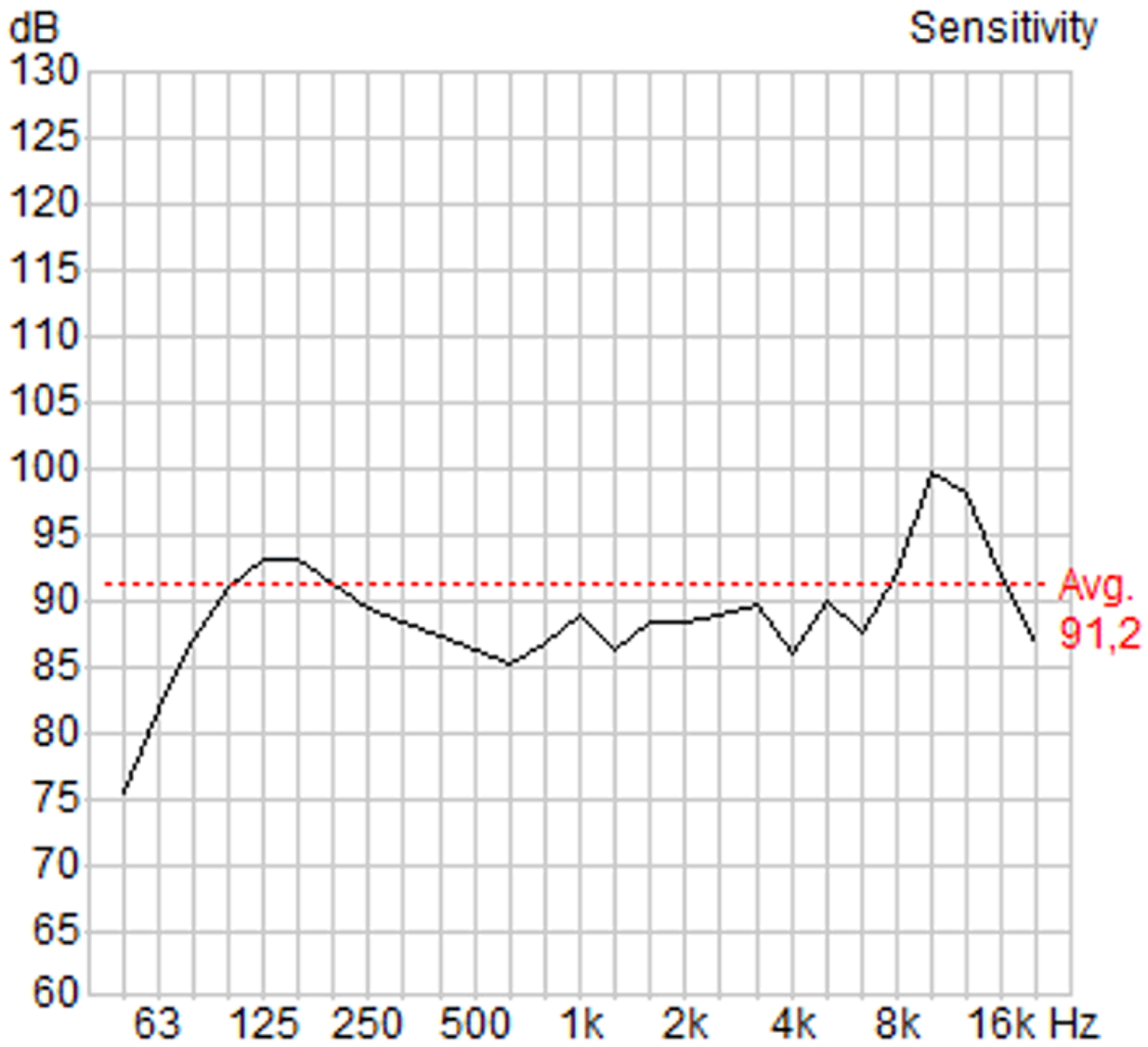


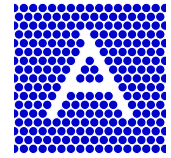
**POLAR DIAGRAMS**



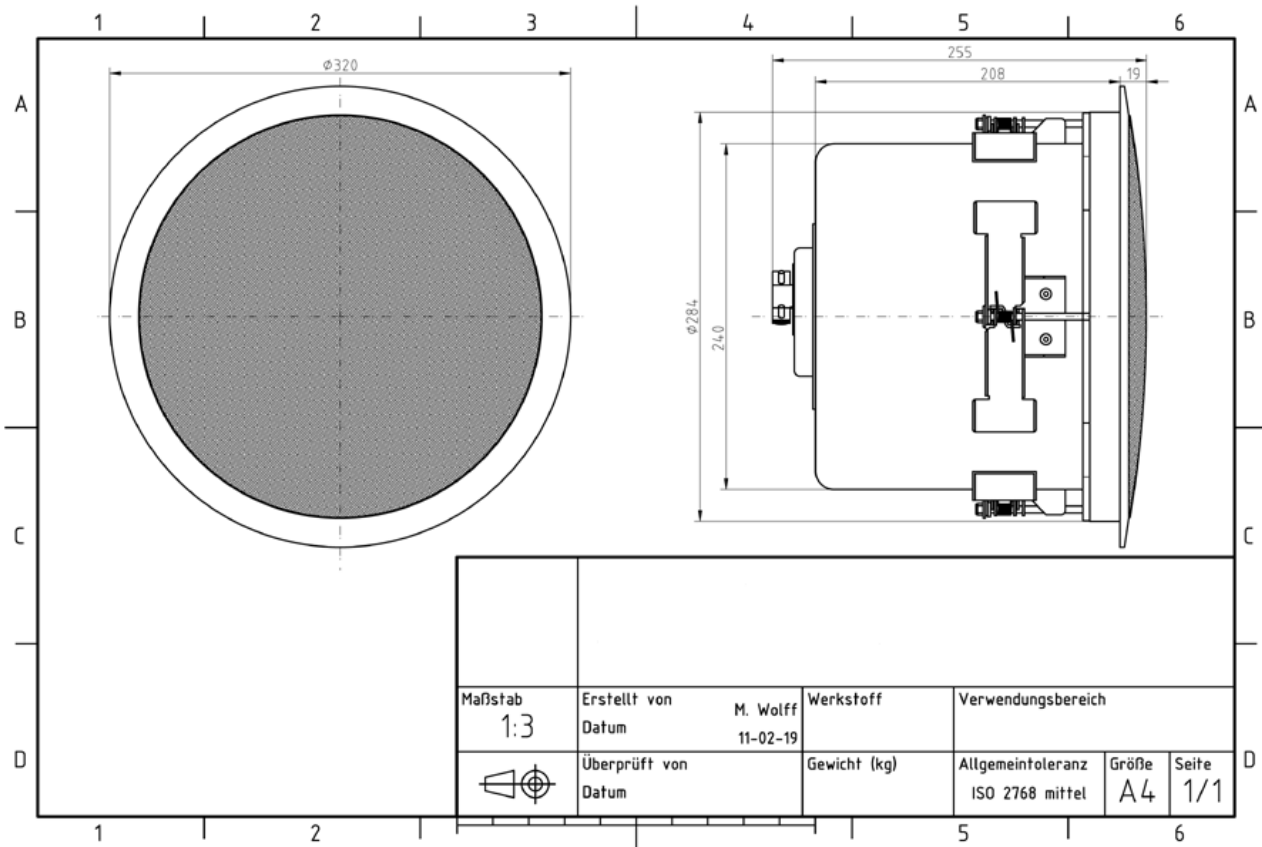


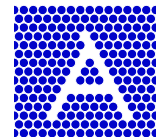
## FREQUENCY RESPONSE DIAGRAMS





**TECHNICAL DIAGRAMS**





## TECHNICAL DATA (ELECTRICAL)

Description	CSFD-60W-200
Power	60/30/15/7,5 (8) W
Impedance (100V)	167/333/667/1333 ohm
Frequency Range	63 - 22.200 Hz
Frequency Response	50 - 24.000 Hz
Sensitivity, IEC268-5, 1W/1m	93,1 dB
Sensitivity EN54-24, Pmax/4m	94,9 dB
Sensitivity EN54-24, 1W/4m	79,2 dB
Sensitivity EN54-24, 1W/1m	91,2 dB
Sensitivity 1W/1m @ 1KHz	89 dB
Dispersion -6dB, 500Hz	h/v 180°
Dispersion -6dB, 1KHz	h/v 165°
Dispersion -6dB, 2KHz	h/v 130°
Dispersion -6dB, 4KHz	h/v 80°

## TECHNICAL DATA (MECHANICAL)

Dimensions	319 x 254 mm
IP Rating	IP21
Weight (net)	4,7 kg
Temperature range	-10 / +55 °C
Mounting	Quick-mount clamps
Connector	4-pin screw terminal
Terminal diameter	2,5 mm
Maximum cable cross section	4,9mm <sup>2</sup>
Colour	RAL 9016

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