AUDEMO® SYSTEMS

CSFLD-50W-165
50 Watts Ceiling loudspeaker

Made in Germany

EN 54 24

- 2-way system
- thermal fuse
- magnetic fastening of grille

CE

23

EN 54-24:2008
Ref. Nr.: 009-19
ID-Code: SAA-LS09
0068-CPR-185/2023

AUDEMO-SYSTEMS GmbH Schatzbogen 62 81829 München, Germany

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
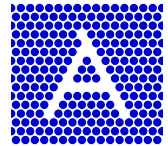
OVERVIEW

2-Way ceiling speaker with fire dome for voice alarm applications certified EN 54-24, suitable for voice announcements and background music with excellent sound quality in buildings. The 50W powered speaker is equipped with a 165mm 2-way system featuring a high-quality tweeter and a 100V transformer with 4 power adjustments. Low impedance operation is also possible. The sturdy metal housing in RAL 9016 guarantees long-term durability.

Thanks to an innovative magnetic fastening, the finely perforated speaker grille can quickly be removed or replaced by a grille of a different color, even after the installation.
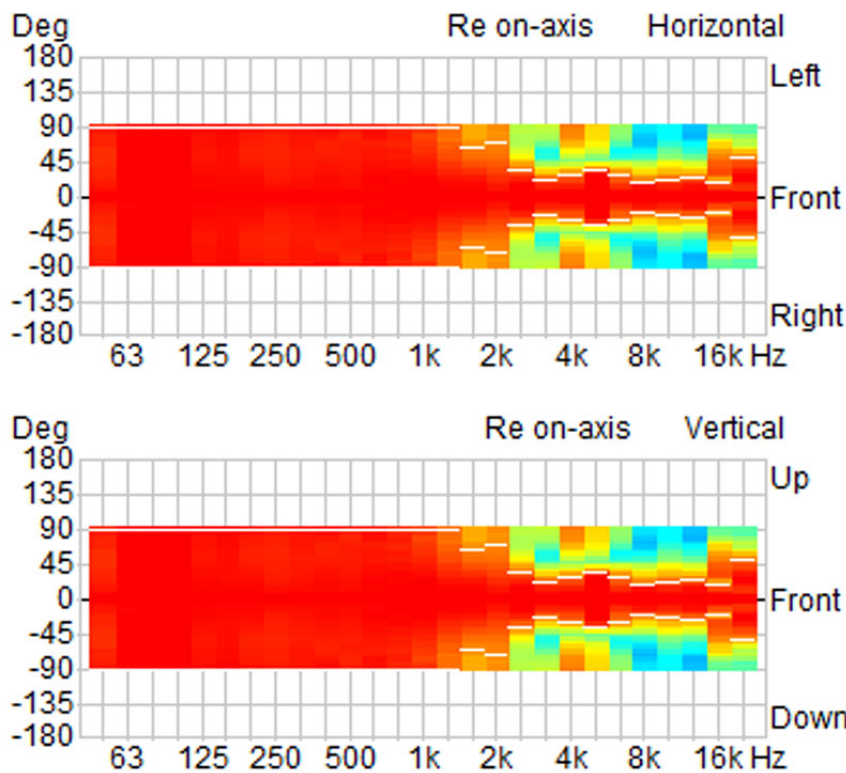The speaker is impregnated against dampness.
Protection class IP 21C secures the speaker against the risks of environmental influences.
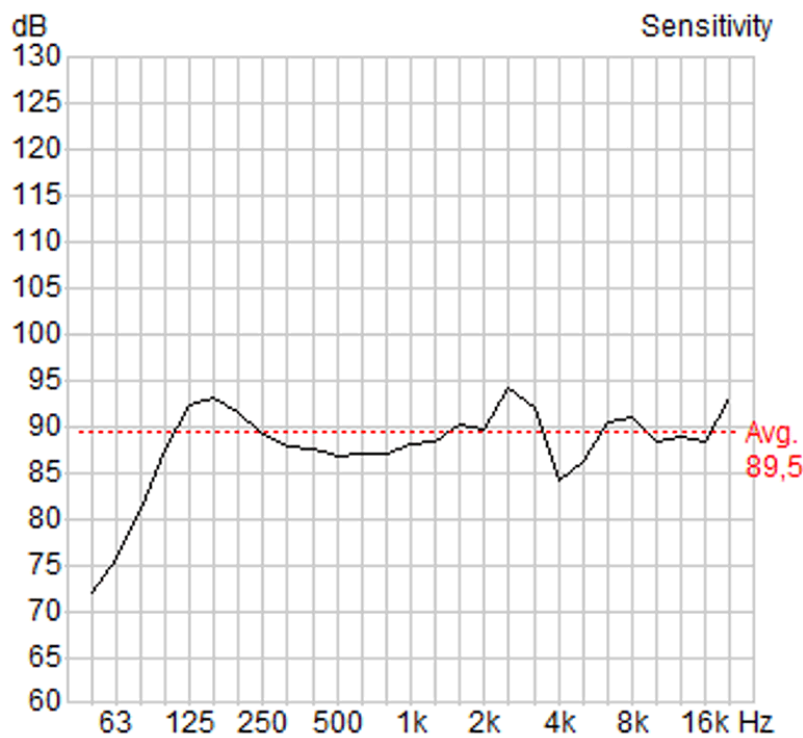Fast and easy installation via a screw mounting system.
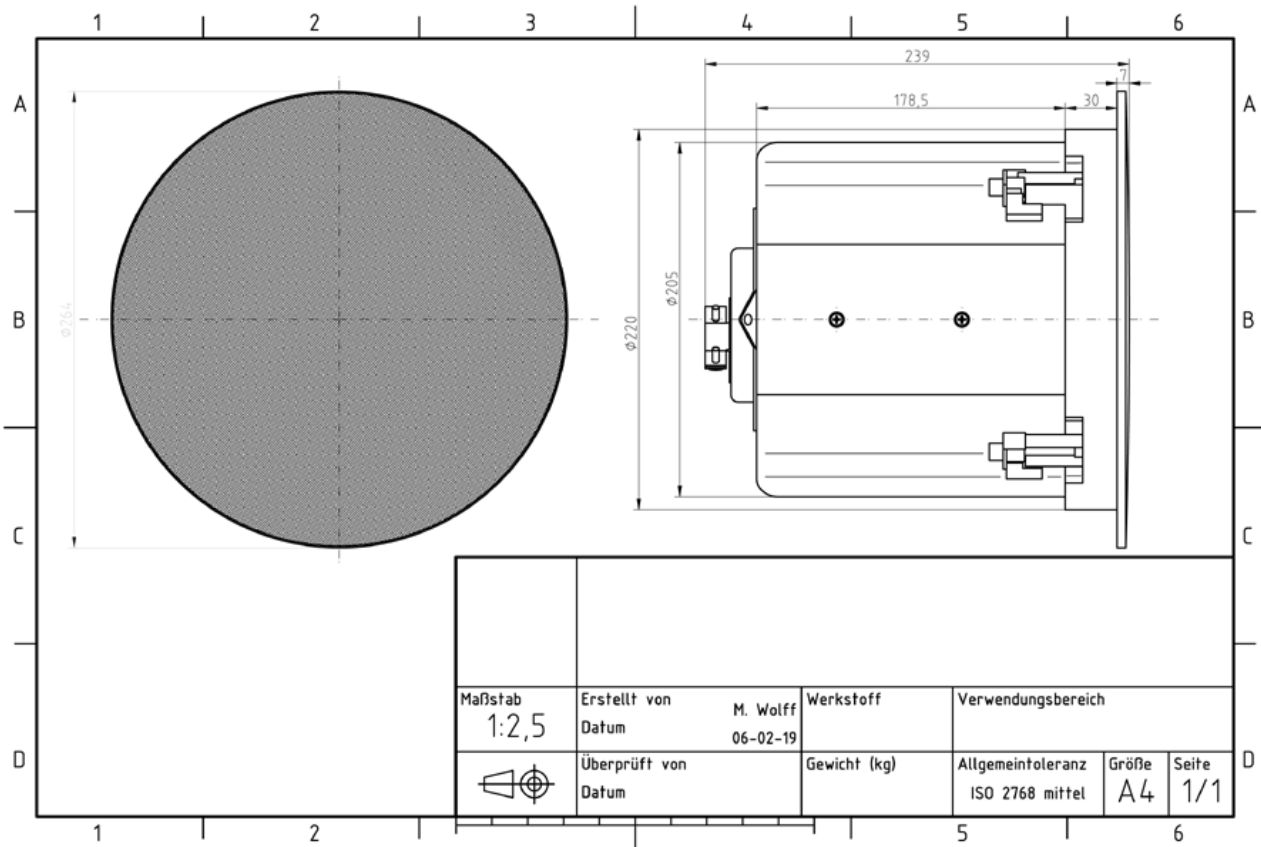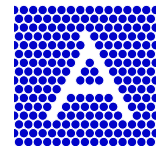
POLAR DIAGRAMS

FREQUENCY RESPONSE DIAGRAMS

TECHNICAL DIAGRAMS

Maßstab 1:2,5	Erstellt von M. Wolff Datum 06-02-19	Werkstoff	Verwendungsbereich		
	Überprüft von Datum	Gewicht (kg)	Allgemeintoleranz ISO 2768 mittel	Größe A4	Seite 1/1

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Version 201023

TECHNICAL DATA (ELECTRICAL)

Description	CSFLD-50W-165
Power	50/25/12,5/6,25/ (8) W
Impedance (100V)	200/400/800/1600/ ohm
Frequency Range	65-24.000 Hz
Frequency Response	80-22.200 Hz
Sensitity , IEC268-5, 1W/1m	89,5 dB
Sensitity , EN54-24, Pmax./4m	94,3 dB
Sensitity , rated noise power / 4m	94,3 dB
Sensitity EN54-24, 1W/4m	77,5 dB
Sensitity EN54-24, 1W/1m	89,5 dB
Sensitity 1W/1m @ 1KHz	88 dB
Dispersion -6dB, 500Hz	180°
Dispersion -6dB, 1KHz	180°
Dispersion -6dB, 2KHz	140°
Dispersion -6dB, 4KHz	56°

TECHNICAL DATA (MECHANICAL)

Dimensions	264 x 240 mm
IP Rating	IP21
Weight (net)	3,75 kg
Ceiling Cut-out	238 mm
Temperature range	-10 / +55 °C
Mounting	Screw system
Connector	4-pin screw terminal
Maximum cable cross section	4,9mm²
Max. cable cross section loop	2x4,9mm²
Colour	RAL 9016

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