

582412 (L-VCM06C/EN)

6.5" Ceiling loudspeaker with metal dome

- Intelligible voice and superior sound reproduction
- Blend easily with any indoor decorations
- Robust metal housing with fire-resistant dome
- Simple power setting and wiring
- Bayonet system for quick installation
- Complies with EN54 part 24 standard



General

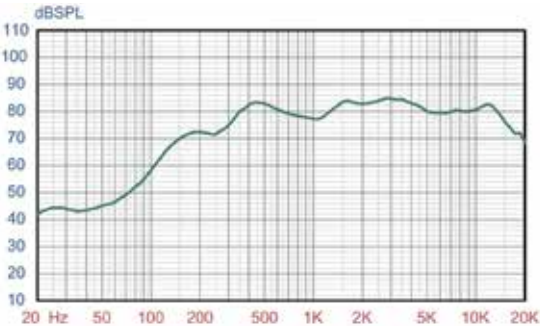
L-VCM06C/EN&582412 is a high performance 6W voice alarm ceiling loudspeaker. Its low distortion, and high sound pressure level ensures the delivery of intelligible voice and superior sound. The low profile makes it easy to blend and the stylish design matches most applications, such as hotels, shopping malls , conference rooms, cinemas, and exhibition halls.

Mounting

The loudspeaker is designed for easy ceiling mounting . Mount the frame to the cutting hole with springs. After wiring, mount the back dome and speaker-assembly into the frame by following installation instructions.

Power setting

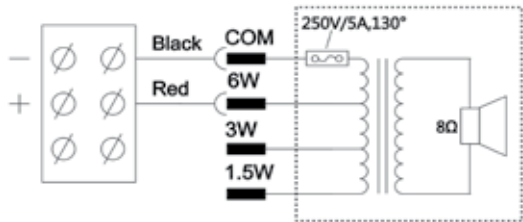
There are three primary taps: 6W, 3W and 1.5W. First, select the suitable tap on the transformer of the loudspeaker. And then wiring the cable to the ceramic terminal.



Frequency Response at 4m/1w,1/3 oct smoothing

		Horizontal	Vertikal
1/3 oct. pink noise	500 Hz	180 °	180 °
1/3 oct. pink noise	1 kHz	180 °	180 °
1/3 oct. pink noise	2 kHz	118 °	118 °
1/3 oct. pink noise	4 kHz	55 °	55 °

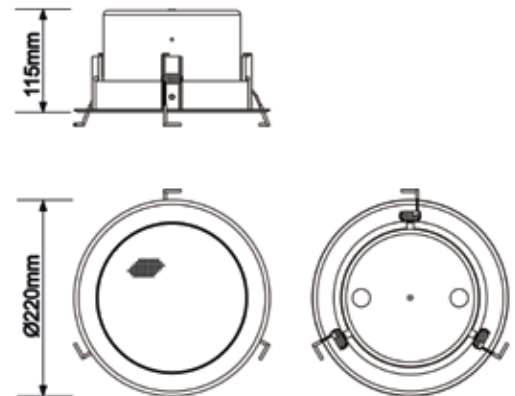
Dispersion angles



Circuit diagram

582412 (L-VCM06C/EN) Technical Specifications

TECHNICAL SPECIFICATIONS	
RATED POWER	6 W
TRANSFORMER POWER TAPS	6 / 3 / 1,5 W (100V) • 3 / 1,5 / 0,75 W (70V)
SPL 1W / 1M	92 dB
SPL 1W / 4M	80 dB
SPL 6W / 4M	87,5 dB
TRANSMISSION RANGE	350 ... 15.000 Hz (-10 dB)
RATED INPUT VOLTAGE	100V / 70V
RATED IMPEDANCE	1,67 k Ω / 3,33 k Ω / 6,67 k Ω
AMBIENT TEMPERATURE	-25 °C ... +55 °C
STORAGE TEMPERATURE	-40 °C ... +70 °C
AIR HUMIDITY	< 95%
COLOR	White, RAL 9010
WEIGHT	ca. 1,56 kg
DIMENSIONS	W: 220 mm H: 115 mm
SPEAKER SIZE	6,5"
ORDER INFORMATION	
PART NO.	
6.5" CEILING LOUDSPEAKER WITH METAL DOME L-VCM06C/EN	582412



Dimensional sketches

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