

PL 68EN

CEILING SPEAKER FIRE DOME



MAIN APPLICATIONS

- Voice evacuation system
- Schools
- Shopping malls
- Hospital
- Museums
- Hotels
- Office building

DESCRIPTION

The PL 68EN is a ceiling speaker featuring a flameproof steel bottom designed for recess installation in false ceilings or panels. It is especially suitable for broadcasting alarm messages thanks to highly intelligible sound reproduction and is resistant to the high temperatures reached during fires. The terminal connection boards are in ceramic material for input and output flameproof cables. A thermal fuse, protects the integrity of the line in case of heat affecting the speaker. Ground screw. Cables inside speaker made using flameproof leads.

MAIN FEATURES

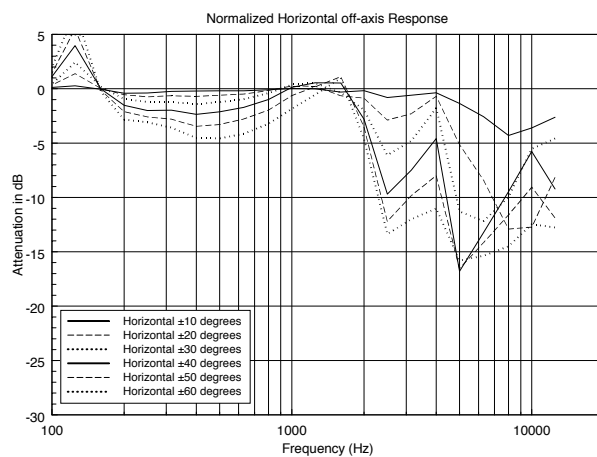
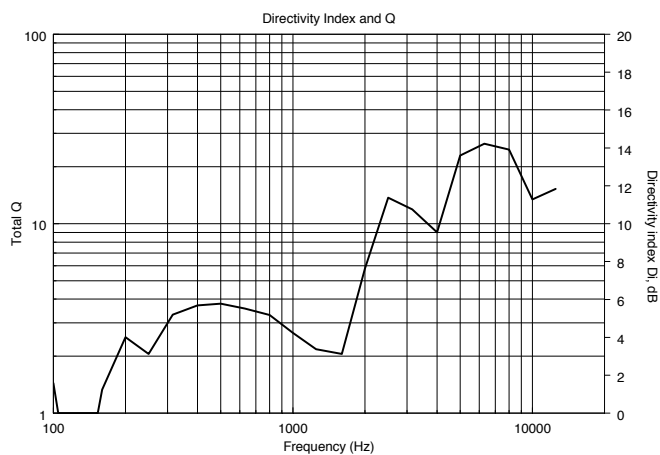
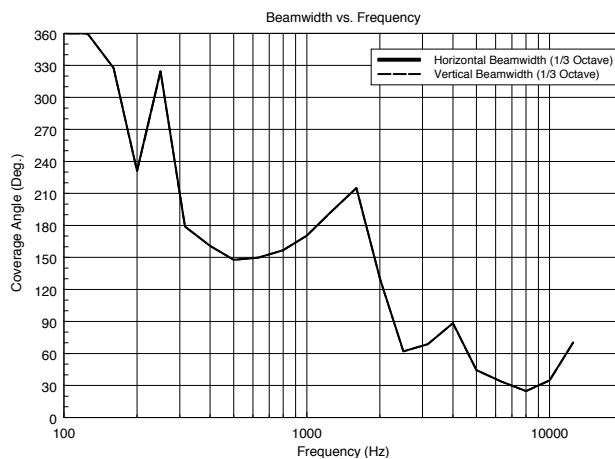
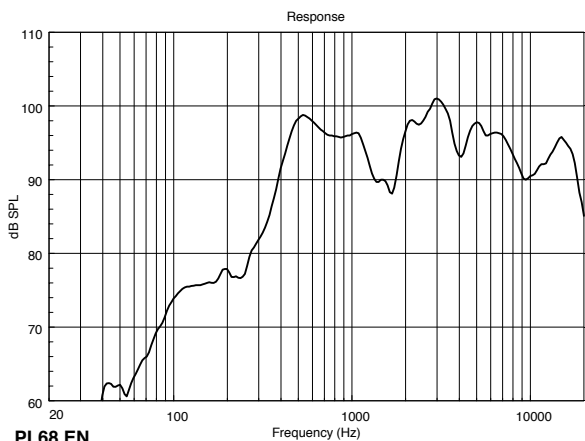
- Speaker for transmitting alarm voice messages with high intelligibility and background music
- Power (selectable) at 100V: 6 W – 3 W – 1.5 W (power values are halved at 70 V)
- 6" diameter dual cone wide band loudspeaker
- Steel protection Fire Dome, terminal strip in ceramic material for connecting flameproof input and output cables, thermal fuse, suitable internal wiring
- Conforms to EN 54-24 regulations
- Structure, front grille, and protection cap in steel, RAL 9003 White

SPECIFICATIONS

Loudspeaker	6" dual cone wide band
Power (on 8 Ohm load)	6 / 24 W (RMS / Music power)
Power	6 W - 3 W - 1.5 W (100V)
Sensitivity	94 dB (1 W / 1 m)
Mx. SPL	102 dB(A) (1 m / POWER MAX)
Frequency Response	130 Hz – 20 kHz
Angle of coverage	140°
Connector	Ceramic terminal block
Body colour	White RAL 9003
Main body material	Extra thick steel
Grill material	Steel
Dimensions	Ø 220 mm x 96 mm
Flush-mounting hole	Ø 200 mm
Max ceiling thickness	30 mm
Net weight	1.34 kg
Operating temperature	-25° to +55°
Relative humidity	90% non condensing

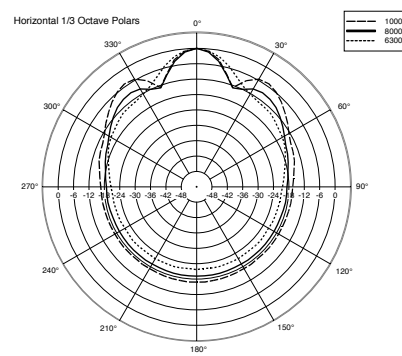
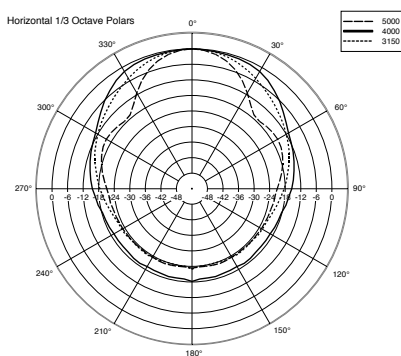
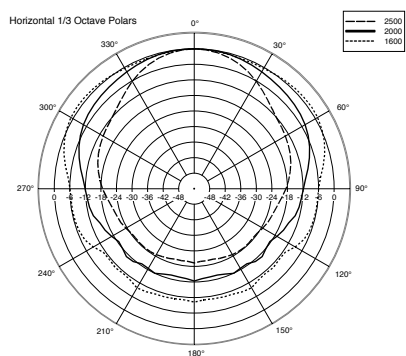
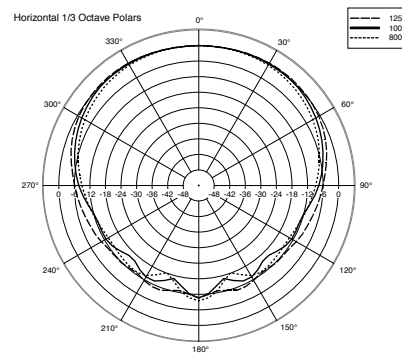
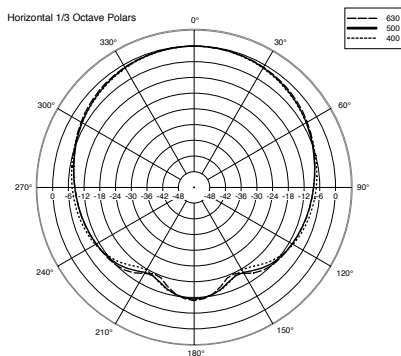
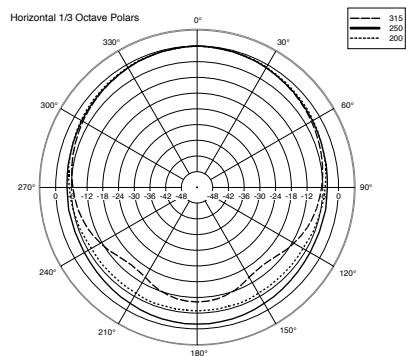


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HORIZONTAL 1/3 POLAR PLOT

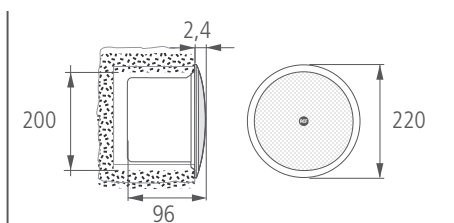


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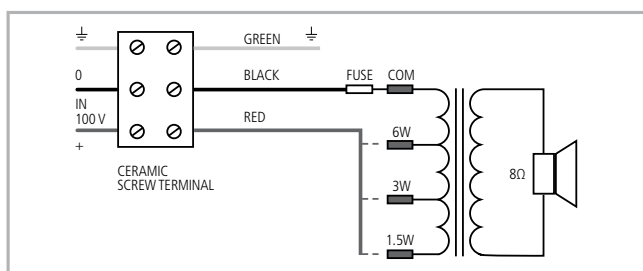
PART NUMBERS

13133068

DIMENSIONS (All data are in mm)



SCHEMATICS



INSTALLATION NOTES

The PL 68EN is designed for flush-mount installation in false ceilings. Before installing the loudspeaker, make sure there is sufficient space behind the false ceiling panel to hold the speaker: with respect to the support surface of the front flange of the loudspeaker, a free space 130 mm deep is necessary.

POWER SELECTION

Select the power value among 6 / 3 / 1.5 W (at 100V) on the loudspeaker transformer by linking the red wire to the proper terminal. If the line is 70 V, the power will be halved. Connect the black wire to the transformer COM terminal.

CERTIFICATIONS AND APPROVALS

- EN 54-24:2008 compliant

