Data Sheet

SP-CF2270 100mm (4") 100V 6W Metal Grille Ceiling Speaker White AS ISO7240.24
SP-CF2271 100mm (4") 100V 6W Metal Grille Ceiling Speaker Black AS ISO7240.24

Description

SP-CF2270 & SP-CF2271 are ceiling mount speakers certified to the AS ISO7240.24 standard for fire & evacuation announcements in buildings. Each speaker is fit-ted with a fire retardant speaker/transformer dome and is fitted with pluggable terminal blocks for easy on site termination. The speaker utilises the One-Shot 'snap fit' mounting system.

Specifications

Rated Noise Power	6 Watts (100V line)
Power Taps & Impedance (100V line)	0.375W (26.66kΩ), 0.75W (13.33kΩ), 1.5W (6.66kΩ), 3W (3.33kΩ), 6W (1.66kΩ)
Sensitivity	90dB (1W @ 1m), 78dB (1W @ 4m)
Maximum Sound Pressure Level	96dB (6W @ 1m), 84dB (6W @ 4m)
Frequency Response	100Hz - 15kHz (500Hz - 4kHz: ±3dB)
Coverage Angle (-6dB)	500Hz: >180°, 1000Hz: >180°, 2000Hz: 160°, 4000Hz: 75°
Environmental Type	A (for indoor applications as per standard)
Speaker Component	100mm (4") paper cone speaker
Mounting Hole	140mmØ
Mounting Method	3 x plastic spring loaded clip
Line Monitoring	Yes, 2.2µF bipolar capacitor
Applicable Cable	2.5mm² (14AWG) max conductor area
Connection	4 way pluggable screw terminal
Finish	White (2270) or black (2271) ABS grille & chassis (LG ABS181) Clear ABS spring clips (QM PC 110) Red ABS transformer dome cover (LG ABS181) Powdercoated steel grille insert (RAL9003 white, RAL9004 black)
Dimensions	159Ø x 70Dmm
Weight	710g
Quantities	24 per carton, 720 per pallet.

Test Method

This specification data was measured in an anechoic chamber with the microphone 4m from the speaker under test, according to the AS ISO7240.24. Specifications at 1m were calculated from the measurements at 4m in accordance with AS ISO7240.24.

Reference axis: Axis is on the centre of the grille surface and perpendicular to the grille surface.

Reference plane: Plane is on the grille surface and perpendicular to the reference axis.

Horizontal plane: Plane is containing the reference axis and perpendicular to the reference plane.

Dimensions (mm)