

Data Sheet

C 2270 100mm (4") 100V 6W Metal Grille Ceiling Speaker White AS ISO7240.24

C 2271 100mm (4") 100V 6W Metal Grille Ceiling Speaker Black AS ISO7240.24

Description

C 2270 & C 2271 are ceiling mount speakers certified to the AS ISO7240.24 standard for fire & evacuation announcements in buildings. Each speaker is fitted 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	2.5mm ² (14AWG) max conductor area
Connection	4 way pluggable screw terminal
Finish	White (C 2270) or black (C 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, according to the 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)

