

BOSCH LBC3099/41



DESCRIPTION

LBC 3099/41 Ceiling Loudspeaker

The LBC 3099/41 is a flush-mounting ceiling loudspeaker for applications where extra power is required, such as rooms with high ceilings. It delivers a high sound pressure level and has a wide frequency range to ensure excellent speech intelligibility and good quality music reproduction. It is used in applications like shops, department stores, schools, offices, sports halls, hotels and restaurants.

Functions

The LBC 3099/41 has a single-piece, 24 W, dual-cone loudspeaker. A 100 V matching transformer is mounted on the back of the frame. An attractive metal grille is integrated with the front, and finished in an unobtrusive white color (RAL 9010).

Voice alarm loudspeaker

Voice alarm loudspeakers are specifically designed for use in buildings where performance of systems for verbal evacuation announcements is governed by regulations. The LBC 3099/41 is designed for use in voice alarm systems and is compliant with emergency standards. The loudspeaker has built-in protection to ensure that, in the event of a fire, damage to the loudspeaker does not result in failure of the circuit to which it is connected. In this way, system integrity is maintained, ensuring loudspeakers in other areas can still be used to inform people of the situation. The loudspeaker has a ceramic terminal block, thermal fuse and heat resistant, high-temperature wiring. It can also be fitted with an optional fire-dome LBC 3082/00 to increase protection of the cable termination.

Certifications and approvals

All Bosch loudspeakers are designed to withstand operating at their rated power for 100 hours in accordance with IEC 268-5 Power Handling Capacity (PHC) standards. Bosch has also developed the Simulated Acoustical Feedback Exposure (SAFE) test to demonstrate that they can withstand two times their rated power for short durations. This ensures extra reliability under extreme conditions, leading to higher customer satisfaction, longer operating life, and much less chance of failure or performance deterioration.

TECHNICAL CHARACTERISTICS

Brand : BOSCH
Part number : LBC309941
Représentation / réalisation :
Certification : CE
AC input voltage : 100 V
Binding post : Yes
Connectivity technology : Wired
Depth : 89 mm
Frequency range : 60 - 18000 Hz
Height : 265 mm
Impedance : 417
Number of drivers : 1
Operating temperature (T-T) : -25 - 55 °C
Power source type : AC
Product colour : White
RMS rated power : 36 W
Sensitivity : 107 dB
Speaker placement : Ceiling-mountable
Storage temperature (T-T) : -40 - 70 °C
Weight : 1.8 kg
Width : 265 mm