

LBD8351/10 4W Compact Ceiling Loudspeaker

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- ▶ Suitable for speech and music reproduction.
- ▶ Flush-mounting in ceiling cavity.
- ▶ Easy to install.
- ▶ Simple power setting.
- ▶ Unobtrusive in virtually all interiors.

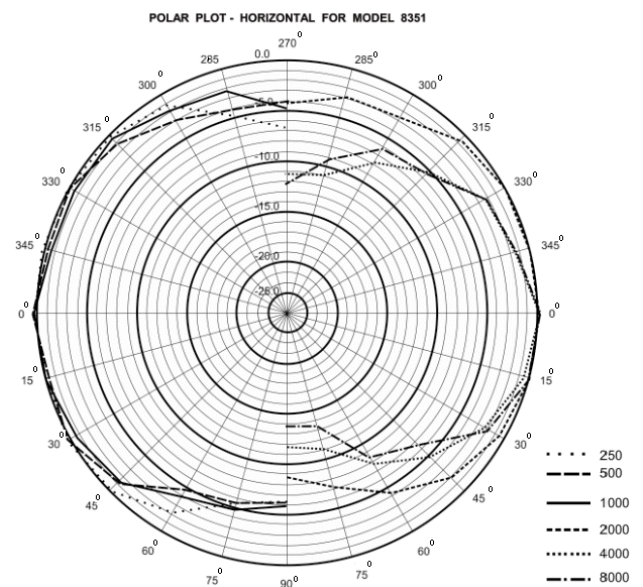
The LBD8351/10 is an economic flush-mounting ceiling loudspeaker for general purpose applications. It is a full range loudspeaker for speech and music reproduction in shops, department stores, schools, offices, sports halls, hotels and restaurants.

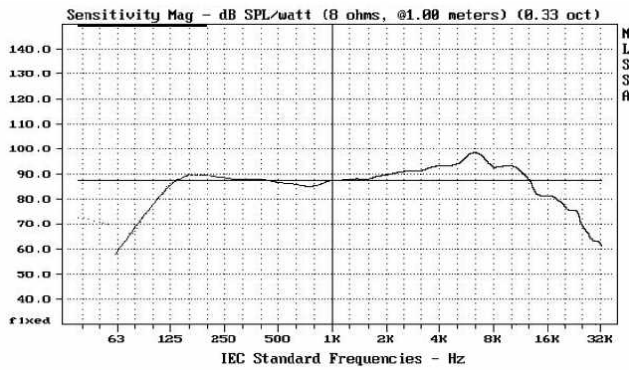
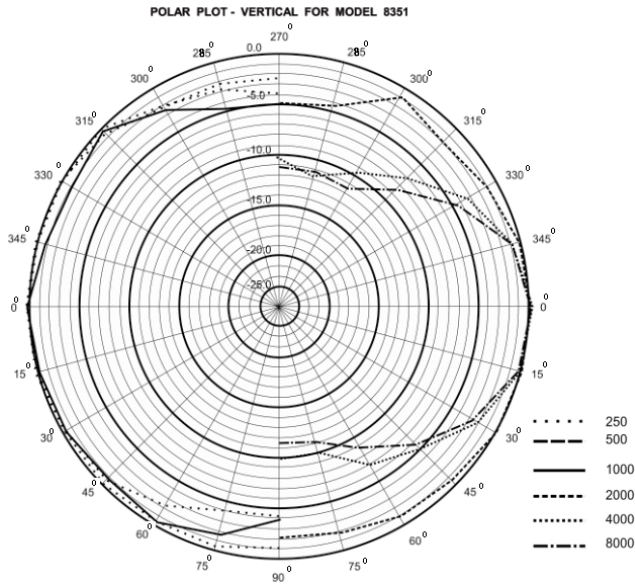
System overview

The LBD8351/10 has a single-piece, 4 W loudspeaker. A 100 V matching transformer is mounted behind the front panel assembly. The moulded plastic front panel is mounted onto the loudspeaker's metal frame, and a dust cover protects the rear. The appearance and colour are unobtrusive in any interior.

Installation

Installation is both quick and easy, as the units have two built-in spring-loaded locking clamps that secure them into holes in the ceiling.





Acoustical performance Specified per Octave

	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SPL1.1	88.5	86.5	87.2	88.8	92.7	92.8
SPL Max	97.5	94.3	95	96.6	100.5	100.6
Q Factor	3.9	5.0	6.3	10.0	15.1	15.8
Efficiency (in %)	0.4	0.3	0.3	0.5	1.2	1.2
H. Angle	175	180	180	155	95	98
V. Angle	180	180	180	180	90	80

Parts included

Quantity	Components
1	LBD8351/10 Ceiling Loudspeaker

Technical specifications

Electrical

Maximum Power	6W
Rated Power	4W
Sound Pressure level at 6 W / 1 W (1 KHz at 1m)	95.0 dB / 87.2 dB (SPL)
Effective frequency range (-10 dB)	150 Hz - 12kHz
Opening Angle at 1 KHz / 4 KHz (-6 dB)	180° / 95°
Rated Voltage	100 V
Rated impedance	2500 ohm

Mechanical

Diameter	165 mm
Maximum depth	65 mm
Weight	500 g

Environmental

Operating temperature	-25 °C to +55 °C
Storage temperature	-40 °C to +70 °C

Ordering information

LBD8351/10 4W Compact Ceiling Loudspeaker
Order number **LBD8351/10**

Represented by:

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10486837643 | en, V3, 17. Dec 2012