

# LBD8347 Industrial horn, 10 W

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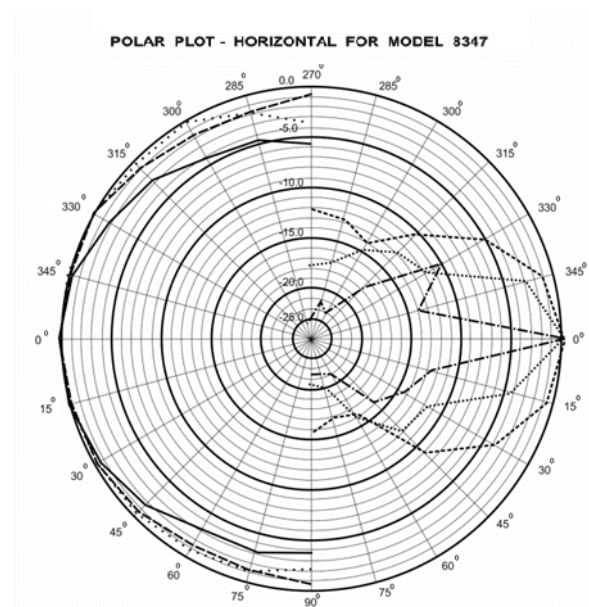


- ▶ High efficiency drivers
- ▶ Wide opening angle
- ▶ Excellent speech reproduction
- ▶ Easy to install

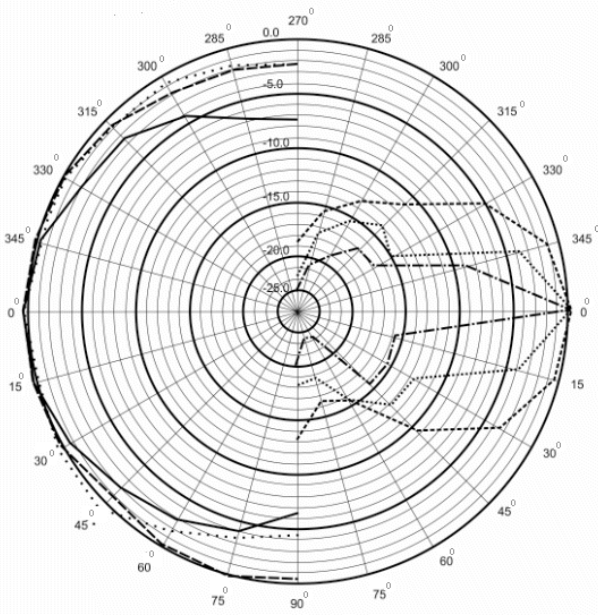
Bosch high-efficiency horn loudspeakers provide excellent speech reproduction and sound distribution for a wide scope of outdoor applications. They are ideal for sports grounds, parks, exhibitions, factories and swimming pools.

## System overview

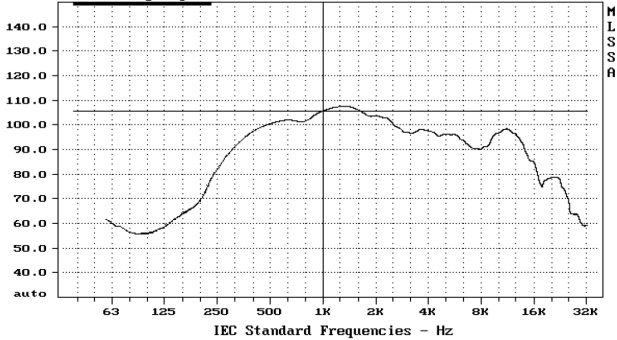
The LBD8347 is a circular, 10W horn loudspeaker. It is made from a combination of aluminum with ABS for optimum strength and low weight. The horn loudspeakers include a 100 V transformer. The horn loudspeakers are supplied complete with sturdy adjustable mounting brackets, allowing the sound beam to be accurately directed. The driver unit has to be fitted in to the horn waveguide. The grooves on the driver will make it easy to fit the driver to the horn waveguide.



POLAR PLOT - HORIZONTAL FOR MODEL 8347



Sensitivity Mag - dB SPL/watt (8 ohms, @1.00 meters) (0.33 oct)



Acoustical performance Specified per Octave

	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
SPL1.1	80.1	100.8	106.6	105.5	100.5	92.9
SPL Max	92.1	112.8	118.6	117.5	112.5	104.9
Q Factor	1.4	1.8	3.2	12.4	28.7	51.5
Efficiency (in %)	0.1	7.6	28.8	22.4	7.0	1.2
H. Angle	180	180	150	55	32	10
V. Angle	180	180	135	55	30	6

**Parts included**

Quantity	Component
1	LBD8347 Industrial horn, 10 W

**Technical specifications**

**Electrical**

Maximum Power	15W
Rated Power	10W
Sound Pressure level at 10 W / 1 W ( 1 KHz at 1m)	118.6 dB / 106.6 dB (SPL)
Effective frequency range (-10 dB)	400 Hz - 4 kHz
Opening Angle at 1 KHz / 4 KHz (-6 dB)	150° / 32°
Rated Voltage	100 V
Rated impedance	1000 ohm

**Mechanical**

Dimensions(HxWxD)	250x250x255 mm
Weight	3.1 Kg without driver unit

**Environmental**

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

**Ordering information**

**LBD8347 Industrial horn, 10 W**  
 Industrial horn, 10 W  
 Order number **LBD8347**

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