

DesignMax Luna DML88P

extended-range pendant loudspeaker system

Product Overview

The DesignMax Luna pendant loudspeaker offers full-range performance from a sleek, modern design—making it easy to get great sound in open-ceiling spaces.

The proprietary Ring Array™ configuration combines eight 2-inch mid-high drivers with an integrated 8-inch woofer, delivering clear, balanced sound down to 40 Hz. With 111 dB max SPL and consistent 140° coverage, Luna reduces the number of speakers needed while preserving clarity, aesthetics, and design flexibility. Single- or two-point suspension allows for fast installs and perfectly balanced hangs—even in challenging ceiling conditions—while concealed wiring keeps everything looking clean.

Luna marks a giant leap forward in pendant loudspeakers, raising the bar for what's sonically possible in retail stores, restaurants, fitness studios, and other design-conscious spaces.



Key Features

Proprietary Ring Array™ configuration delivers precise, balanced sound with no hot spots or dead zones

Integrated 8" woofer extends down to 40 Hz—no subs needed

Wide-throw 140° coverage reduces speaker count and installation costs

Flexible mounting lets you use a single cable—or two-point suspension—for fast installs and perfectly balanced hangs

Streamlined design with concealed wiring and premium finish options

Factory-optimized loudspeaker presets when combined with Bose Professional amplifiers and processors

Compatible accessories include DesignMax pendant threaded rod adapter and conduit adapter

Applications

Retail stores

Restaurants and breweries

Fitness clubs and studios

Amusement and recreation spaces

Education and gymnasiums

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Technical Specifications

SINGLE-LOUDSPEAKER PERFORMANCE		
Frequency Response (-3 dB) ¹	50 Hz – 15,000 Hz	
Frequency Range (-10 dB) ¹	40 Hz – 20,000 Hz	
Nominal Coverage (1 – 4 kHz)	140° conical	
AUDIO PERFORMANCE	AES Transducer Test ⁴	Bose Professional Extended-Lifecycle Test ⁵
Power Handling, Long-term Continuous	140 W	100 W
Power Handling, Peak	560 W	400 W
Sensitivity (SPL / 1 W @ 1 m) ²	85 dB	85 dB
Calculated Maximum SPL @ 1 m, Continuous ³	107 dB	105 dB
Calculated Maximum SPL @ 1 m, Peak	113 dB	111 dB
Crossover	600 Hz, passive 2-way crossover	
Loudspeaker EQ	Not required. Bose Professional EQ voicing and SmartBass available.	
Recommended High-pass Protection	40 Hz high-pass filter	
Transformer Taps	70V: 12 W, 25 W, 50 W, 100 W, bypass 100V: 25 W, 50 W, 100 W, bypass	
TRANSDUCERS		
Low Frequency	1 × 8.0-in (203 mm) woofer	
High Frequency	8 × 2.0-in (51 mm) drivers in circular array	
Nominal Impedance	8 Ω (transformer bypass)	
PHYSICAL		
Enclosure Material	Engineered plastics	
Grille	Perforated steel, powder-coated finish, paintable ⁶	
Logo	Rotatable, removable	
Color	Black (RAL 9005), white (RAL 9003), paintable ⁶	
Environmental	Indoors only	
Certifications	UL Listed, UL 1480A, NFPA 70 & NFPA 90A, CE-compliant	
Operating Temperature Range	0 °C to 50 °C (32 °F to 122 °F)	
Connectors	6-pin Euroblock connector with loop-through, mounted on top. Accepts 18 AWG – 14 AWG (0.8 mm² – 2.1 mm²) wire.	
Suspension / Mounting	(I) 3-hole suspension cable attachment point. Attach to (A) 1 main suspension cable & 1 secondary suspension cable with slack for safety or (B) 2 suspension cables supporting load equally with pendant located halfway between 2 suspension beams	

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Product Dimensions (enclosure diameter × depth)	308 mm × 492 mm (12.1 in × 19.4 in)
Cable Dimensions (diameter × length)	3 mm × 4.6 m (0.13 in × 15.0 ft)
Net Weight, Single Loudspeaker	10.0 kg (22.0 lb)
Shipping Weight	12.8 kg (28.3 lb)
Package Contents	(1) DesignMax Luna DML88P, (1) connection panel cover, (1) adjustable suspension cable system, (4) cable ties, (1) installation guide
Optional Accessories	Threaded rod adapter, conduit adapter
PRODUCT CODES	
DesignMax Luna DML88P, black	892117-0100 DESIGNMAX DML88P BLK
DesignMax Luna DML88P, white	892117-0200 DESIGNMAX DML88P WHT
Threaded rod adapter (pair)	850571-0010 DESIGNMAX PENDANT THREADED ROD ADAPTER
Conduit adapter (pair)	854381-0010 DESIGNMAX PENDANT CONDUIT ADAPTER

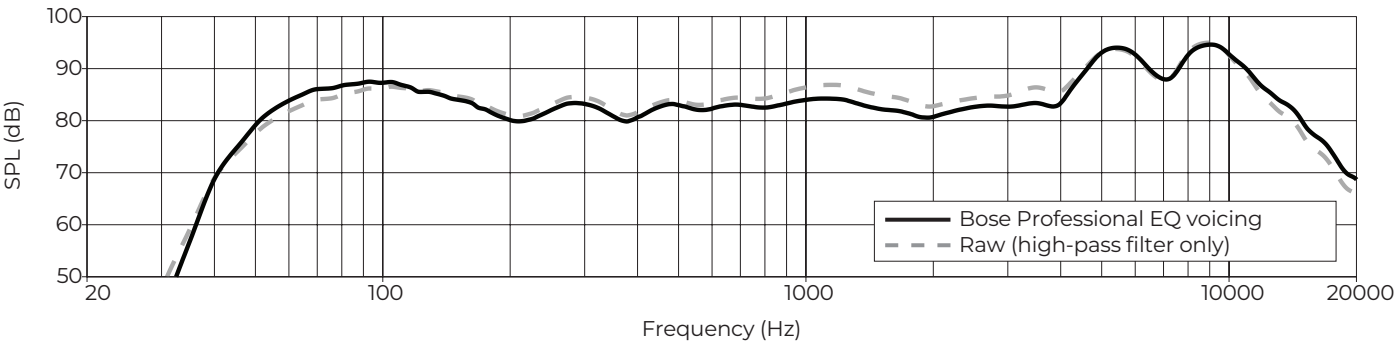
Footnotes

- 1. Frequency response and range measured on-axis in whole-space environment with recommended EQ voicing.
- 2. Sensitivity measured on-axis in whole-space environment averaged 100 Hz – 10 kHz using recommended high-pass protection.
- 3. Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression.
- 4. AES standard 2-hour duration with IEC system noise.
- 5. Bose Professional extended-lifecycle test using pink noise filtered to meet IEC 268-5, 6-dB crest factor, 1000-hour duration.
- 6. Choose a paint that is specifically designed for use with polypropylene (PP) plastics.

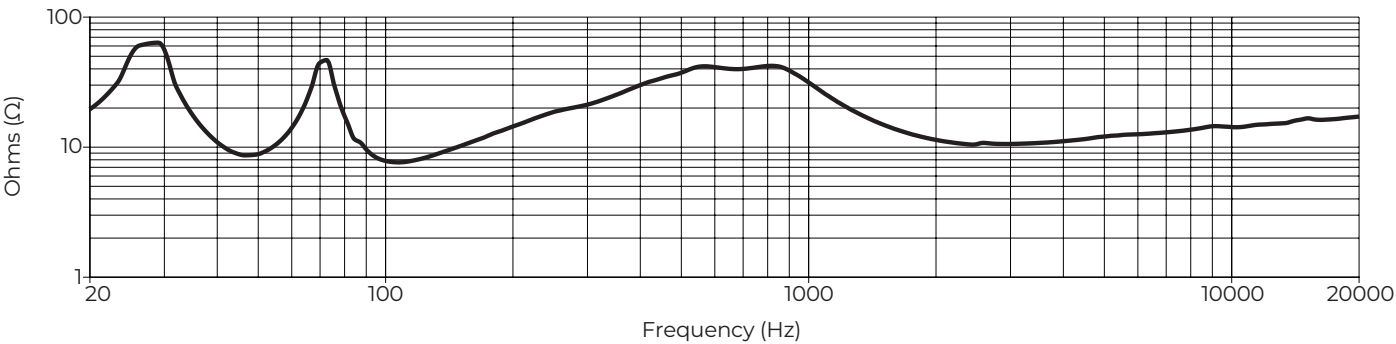
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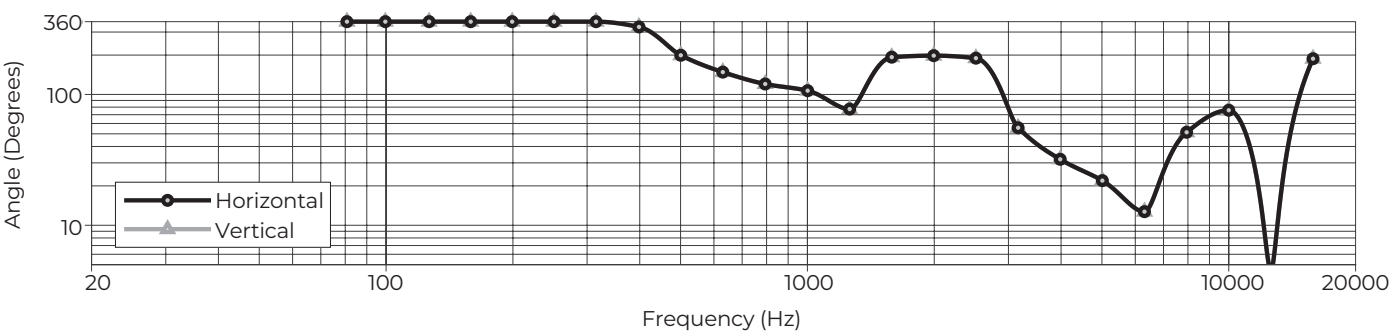
Frequency Response



Impedance



Beamwidth⁷

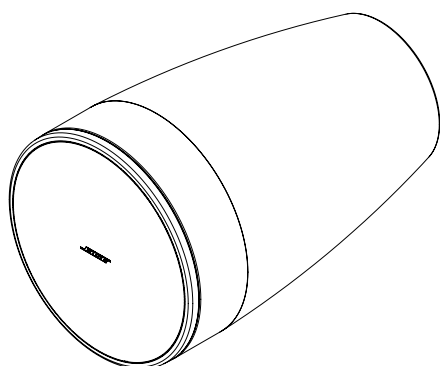


7. Measured in whole-space environment.
For additional specifications and application information, visit [BoseProfessional.com](https://www.boseprofessional.com). Specifications are subject to change. 11/2025

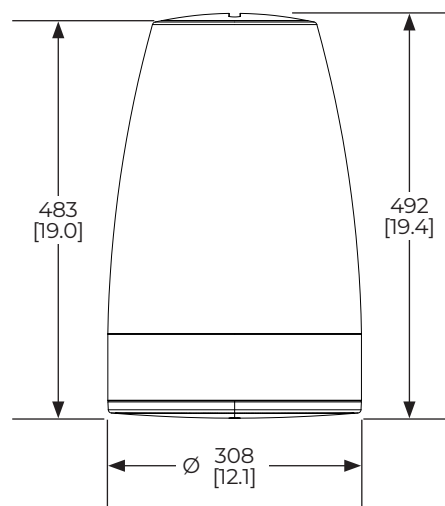
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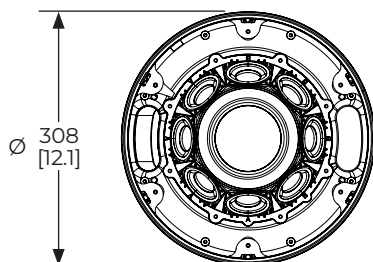
Dimensions⁸



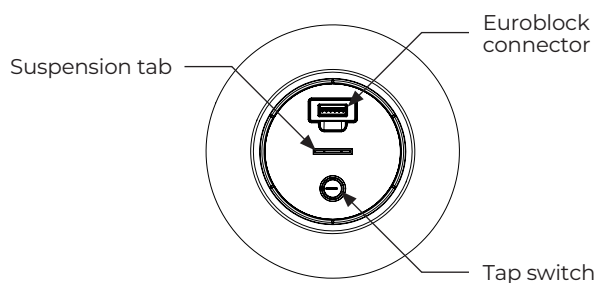
Side View
(with connection panel cover)



Bottom View
(without grille)



Top View
(without connection panel cover)



8. Dimensions are shown in millimeters over inches.

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