

## Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	300W
Resonance	34Hz
Usable Frequency Range***	47Hz-3kHz
Sensitivity	98
Magnet Weight	80 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

## Thiele & Small Parameters

Resonant Frequency (fs)	34Hz
DC Resistance (Re)	6.15
Coil Inductance (Le)	0.33mH
Mechanical Q (Qms)	5.9
Electromagnetic Q (Qes)	0.36
Total Q (Qts)	0.34
Compliance Equivalent Volume (Vas)	336 liters / 11.9 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	411cc
Mechanical Compliance of Suspension (Cms)	0.31mm/N
BL Product (BL)	16.0 T-M
Diaphragm Mass inc. Airlod (Mms)	70 grams
Efficiency Bandwidth Product (EBP)	95
Maximum Linear Excursion (Xmax)	4.8mm
Surface Area of Cone (Sd)	856.3 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	9.5mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	54-65 liters/ 1.9-2.3 cu.ft.
Vented	54-159 liters/ 1.9-5.6 cu.ft.
Overall Diameter	15.21", 386.4mm
Baffle Hole Diameter	14.0", 355.3mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.28", 7.1mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.5", 165mm
Net Weight	17.3 lbs., 7.9 kg
Shipping Weight	19.4 lbs., 8.8 kg

## Materials of Construction

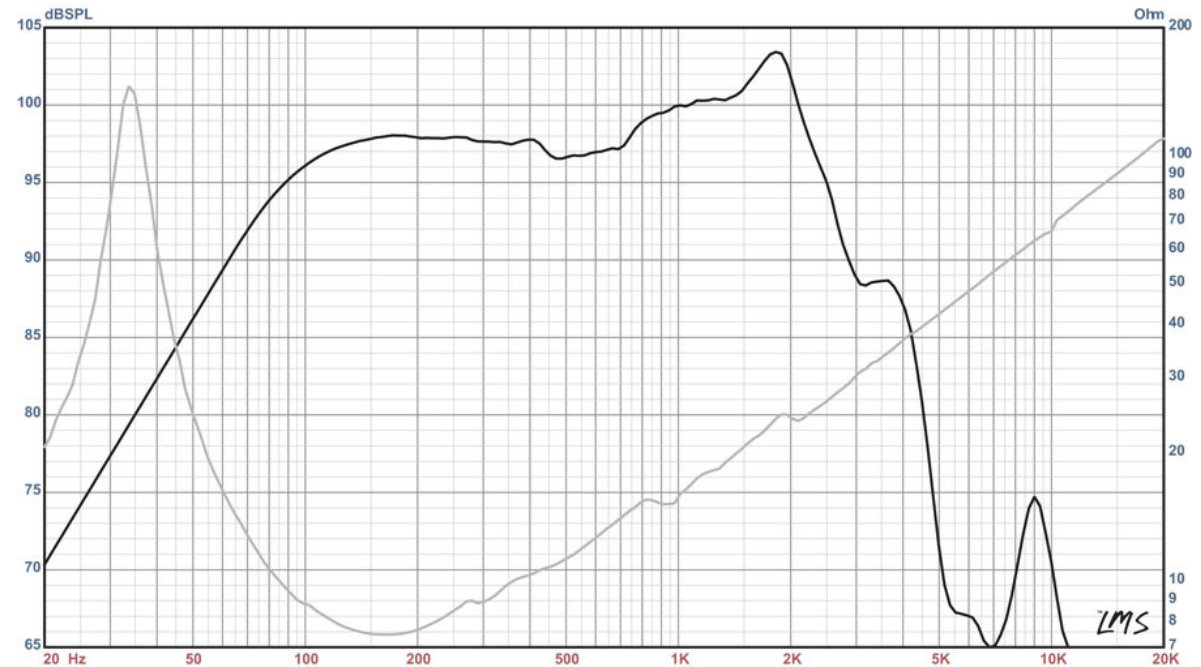
Copper voice coil  
Polyimide former  
Ferrite magnet  
Vented and extended core  
Die-cast aluminum basket  
Paper Cone  
Cloth cone edge  
Solid composition paper dust cap

  
**EMINENCE®**  
The Art and Science of Sound



## LEGEND CB15

Recommended for professional bass guitar applications in a sealed or vented enclosure.



\* Please inquire about alternative impedances.

\*\* Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

\*\*\* The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)