

## Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	
Watts	125W
Music Program	250W
Resonance	90Hz
Usable Frequency Range***	70Hz-5.5kHz
Sensitivity	101
Magnet Weight	4 oz
Gap Height	0.28", 7.2mm
Voice Coil Diameter	2", 50.8mm

## Thiele & Small Parameters

Resonant Frequency (fs)	95Hz
DC Resistance (Re)	14.9
Coil Inductance (Le)	0.72mH
Mechanical Q (Qms)	11.36
Electromagnetic Q (Qes)	0.90
Total Q (Qts)	0.83
Compliance Equivalent Volume (Vas)	36 ltr/1.28 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	66cc
Mechanical Compliance of Suspension (Cms)	0.01mm/N
BL Product (BL)	17.1 T-M
Diaphragm Mass inc. Airlod (Mms)	30 grams
Efficiency Bandwidth Product (EBP)	106
Maximum Linear Excursion (Xmax)	1.3mm
Surface Area of Cone (Sd)	519.5cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	N/A

## Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Overall Diameter	12.03", 305.5mm
Baffle Hole Diameter	10.95", 278.1mm
Front Sealing Gasket	Fitted As Standard
Rear Sealing Gasket	Fitted As Standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.59", 294.3mm
Depth	5.07", 129mm
Net Weight	4.1 lbs, 1.9 kg
Shipping Weight	5.8 lbs, 2.6 kg

## Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Neodymium
Core Details	Non-Vented
Basket Materials	Pressed Steel
Cone Composition	Paper
Cone Edge Composition	Paper
Dust Cap Composition	Zurette



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

## LIL' TEXAS™ 16



A lightweight 12" speaker with a little Texas edge.

**Coloration:** Very balanced with crisp mids and top end bite. Tight bottom end, very American tonality.

**Genre:** Classic Rock, Blues Country.



\* Please inquire about alternative impedances.

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

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

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 | 2 ft. X 2 ft. 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)