CELESTION

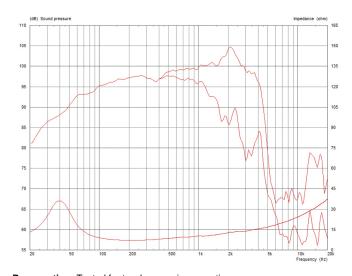
LF Loudspeakers **TF1230SL**



Mounting Information

Overall diameter 309mm / 12.17in Overall depth 137mm / 5.4in Cut-out diameter 283mm / 11.14in 7.9mm / 0.31in Mounting hole dimensions Number of mounting holes Mounting hole PCD 297mm / 11.68in Unit weight 4.3kg / 9.5lb

Frequency Response and Impedance Curves



Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous power rating: Defined as 3dB greater than the AES

rating.

Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. **Xmax:** 0.5*(Hvc-Hg) + 0.25*Hg

12-inch pressed steel chassis, ferrite magnet bass/mid driver

• Airflow vented magnet assembly for dynamic heat dispersion

Compact high flux Dual Magnet Motor design

700W Continuous power rating 97dB sensitivity

3in

Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in Power Rating 350W 700W Continuous power rating EIA power rating 500W Rated impedance 8 ohm Sensitivity 97dB Frequency range 50-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.7kg / 60oz Voice coil diameter 75mm / 3in Voice coil material Round copper Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 16mm / 0.63in Additional impedances 4 ohm

Sd 530.93cm2 / 82.29in2 Fs 56.80Hz Mms 58.32g / 2.06oz Qms 3.635 0.437 Qes Qts 0.390 Re 5.17 ohm 53.76l / 1.90ft³ Vas 15.68Tm ВΙ 0.14mm/N Cms Rms 5.72kg/s Le (at 1kHz) 0.89mH 6mm / 0.24in **Xmax**

Packed Dimensions & Weight

Multi pack qty

Multi pack size W x D x H 1080mm x 980mm x 880mm /

42.5in x 38.6in x 34.6in

Multi pack weight 285kg / 620lb

