CELESTION

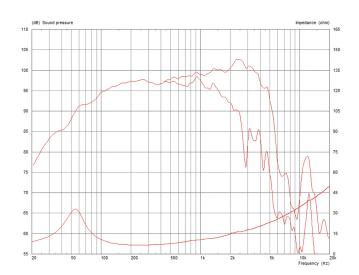
LF Loudspeakers **TF1220**



Mounting Information

Overall diameter 309mm / 12.17in Overall depth 131mm / 5.2in Cut-out diameter 283mm / 11.14in 7.9mm / 0.31in Mounting hole dimensions Number of mounting holes Mounting hole PCD 297mm / 11.69in Unit weight 4.0kg / 8.8lb

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

300W Continuous power rating **97dB** sensitivity

2in Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in Power Rating 150W Continuous power rating 300W 250W EIA power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 60-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.2kg / 42oz Voice coil diameter 50mm / 2in 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) 12mm / 0.47in

Parameters

Sd 530.93cm2 / 82.29in2 Fs 55.80Hz 44.51g / 1.57oz Mms Qms 3.327 0.441 Qes Qts 0.389 5.46 ohm Re 72.79I / 2.57ft³ Vas ВΙ 13.91Tm Cms 0.18mm/N Rms 4.69kg/s Le (at 1kHz) 0.71mH 4mm / 0.16in

Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight Multi pack qty

Multi pack size W x D x H

Multi pack weight

330mm x 330mm x 150mm / x

13in 13in x 5.9in 4.5kg / 9.9lb

1080mm x 980mm x 880mm /

42.5in x 38.6in x 34.6in

275kg / 600lb

