CELESTION

LF Loudspeakers **TF0818**



Mounting Information

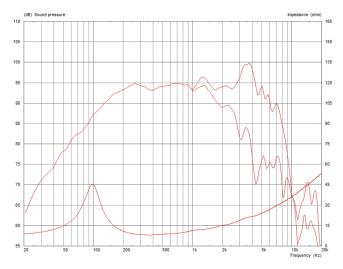
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

208mm / 8.19in 99mm / 3.9in 183mm / 7.2in 9.5x5.5mm / 0.37x0.22in

195-199mm / 7.68-7.83in

2.3kg / 5.1lb

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

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

200W Continuous power rating 94dB sensitivity

1.75in Round copper voice coil

General Specifications

Nominal Diameter 203mm / 8in Power Rating 100W Continuous power rating 200W 150W EIA power rating Rated impedance 8 ohm Sensitivity 94dB Frequency range 70-6000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.88kg / 31oz Voice coil diameter 44mm / 1.75in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 6mm / 0.24in VC winding height (Hvc) 13mm / 0.51in Additional impedances 4 ohm , 16 ohm

Parameters

Sd 226.98cm² / 35.18in² Fs 100 00Hz Mms 19.57g / 0.69oz 3.311 Qms Qes 0.493 0.429 Ots Re 6.72 ohm Vas 9.44I / 0.33ft³ Ы 12.95Tm 0.13mm/N Cms Rms 3.72kg/s Le (at 1kHz) 0.75mH 5mm / 0.2in **Xmax**

Packed Dimensions & Weight

Single pack size W x D x H 230mm x 230mm x 110mm / x

9.1in 9.1in x 4.3in Single pack weight 2.8kg / 6.2lb Multi pack qty

Multi pack weight 350kg / 770lb

