## CELESTION

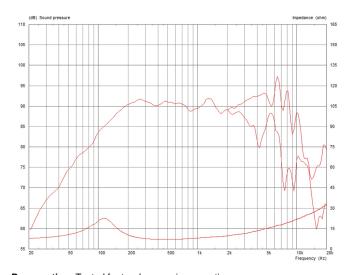
# LF Loudspeakers **TF0510**



## **Mounting Information**

Overall diameter 136x151mm / 5.35x5.94in Overall depth 68mm / 2.7in Cut-out diameter 117mm / 4.61in 4.5mm / 0.18in Mounting hole dimensions Number of mounting holes Mounting hole PCD 140mm / 5.51in Unit weight 1.0kg / 2.2lb

## 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

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

**60W** Continuous power rating **91dB** sensitivity

1-inch Round copper

voice coil

## **General Specifications**

Nominal Diameter 127mm / 5in Power Rating 30W Continuous power rating 60W 50W EIA power rating Rated impedance 8 ohm Sensitivity 91dB Frequency range 130-8000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.37kg / 13oz Voice coil diameter 25mm / 1in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Cloth-sealed Suspension Single Gap height (Hg) 5mm / 0.2in VC winding height (Hvc) 7.3mm / 0.29in

#### **Parameters**

Sd 78.54cm<sup>2</sup> / 12.17in<sup>2</sup> Fs 128.10Hz 7.02g / 0.25oz Mms Qms 2.376 0.768 Qes Qts 0.580 6.32 ohm Re 7.38I / 0.26ft<sup>3</sup> Vas Bi 6.82Tm Cms 0.22mm/N Rms 2.38kg/s Le (at 1kHz) 0.33mH 2.4mm / 0.09in

## **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

170mm x 180mm x 70mm / x

6.7in 7.1in x 2.8in 1.5kg / 3.3lb

320mm x 550mm x 190mm / x

12.6in 21.7in x 7.5in 15kg / 33lb

