# CELESTION

# LF Loudspeakers

# FTR15-3070E



### **Mounting Information**

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

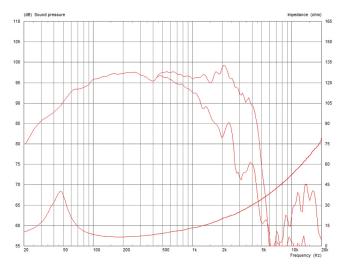
Unit weight

385mm / 15.16in 161mm / 6.3in 351mm / 13.82in 10x7mm / 0.39x0.27in

365-375mm / 14.37-14.76in

6.4kg / 14.1lb

## 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

# 15-inch, cast aluminium chassis, ferrite magnet LF driver

- Glass loaded paper cone with weather-resistant impregnation
- Airflow vented magnet assembly for dynamic heat dispersion

800W Continuous power rating 97dB

Round copper sensitivity voice coil

### **General Specifications**

Nominal Diameter 381mm / 15in Power Rating 400W 800W Continuous power rating EIA power rating 500W Rated impedance 8 ohm Sensitivity 97dB Frequency range 40-4000Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 2.3kg / 81oz 75mm / 3in Voice coil diameter Voice coil material Round copper Former material Glass fibre Cone material Glass loaded paper (weather-resistant)

Surround material Cloth-sealed Suspension Single Gap height (Hg) 9mm / 0.35in VC winding height (Hvc) 20mm / 0.79in Additional impedances 4 ohm

### **Parameters**

Sd  $855.30 cm^2 / 132.57 in^2$ 45.90Hz Mms 85.53g / 3.02oz 3 409 Oms Qes 0.426 0.379 Qts Re 5.52 ohm 145.75I / 5.15ft<sup>3</sup> Vas BI 17.87Tm Cms 0.14mm/N Rms 7.23kg/s Le (at 1kHz) 1.21mH 7.75mm / 0.31in **Xmax** 

## **Packed Dimensions & Weight**

Single pack size W x D x H 435mm x 435mm x 200mm / x 17.1in 17.1in x 7.9in

Single pack weight 7.7kg / 17.0lb

Multi pack qty

Multi pack size W x D x H 1210mm x 1050mm x 980mm /

47.6in x 41.3in x 35.4in

Multi pack weight 260kg / 570lb

