## CELESTION

# LF Loudspeakers FTR15-3070C



### **Mounting Information**

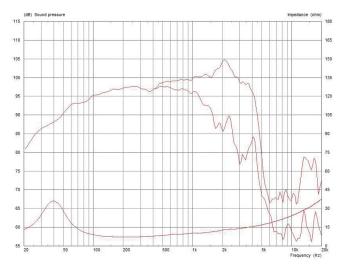
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

385mm / 15.16in 158mm / 6.2in 351mm / 13.82in 10x7mm / 0.39x0.27in

365-375mm / 14.37-14.76in

6.3kg / 13.8lb

## 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

## 15-inch, cast aluminium chassis, ferrite magnet bass/mid driver

- Full gap flux saturation for increased Bl and reduced distortion
- Glass loaded paper cone with weather-resistant impregnation
- Airflow vented magnet assembly for dynamic heat dispersion

800W Continuous power rating 99dB sensitivity

3in

Round copper voice coil

## **General Specifications**

**Nominal Diameter** Power Rating Continuous power rating EIA power rating Rated impedance Sensitivity Frequency range Chassis type Magnet type Magnet weight Voice coil diameter Voice coil material Former material Cone material

500W 8 ohm 99dB 40-4000Hz Cast aluminium Ferrite 2.3kg / 81oz 75mm / 3in Round copper Glass fibre Glass loaded paper (weather-resistant)

381mm / 15in 400W

800W

Surround material Cloth-sealed Suspension Single Gap height (Hg) 10mm / 0.39in VC winding height (Hvc) 16mm / 0.63in

#### **Parameters**

Sd  $855.30 cm^2 / 132.57 in^2$ 41.40Hz Mms 81.73g / 2.88oz 3 5 1 0 Oms Qes 0.429 0.382 Qts Re 6.07 ohm 187.62I / 6.63ft<sup>3</sup> Vas BI 17.33Tm Cms 0.18mm/N Rms 6.05kg/s Le (at 1kHz) 0.59mH 5.5mm / 0.22in **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