# CELESTION

# LF Loudspeakers FTR18-4080FD



#### **Mounting Information**

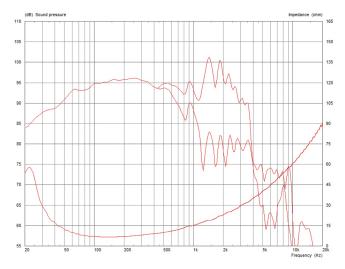
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

452mm / 17.8in 205mm / 8.1in 416mm / 16.38in 10x7mm / 0.39x0.27in

429-440mm / 16.89-17.32in

9.8kg / 21.6lb

## 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

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

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

**2000W** 

power rating

Continuous

97dB sensitivity

4in

Round copper voice coil

### **General Specifications**

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

457mm / 18in 1000W 2000W 8 ohm 97dB 30-2500Hz Cast aluminium Ferrite 3.1kg / 110oz 100mm / 4in Round copper Glass fibre Glass loaded paper

(weather-resistant) Surround material Cloth-sealed Suspension Double Gap height (Hg) 10mm / 0.39in VC winding height (Hvc) 22mm / 0.87in

Le (at 1kHz)

**Xmax** 

Sd 1134.12cm<sup>2</sup> / 175.79ft<sup>3</sup> Fs 25.20Hz Mms 177.81g / 6.27oz Qms 4.750 0.304 Qes Qts 0.286 5.62 ohm Re 408.72I / 14.43ft<sup>3</sup> Vas 22.81Tm ВΙ 0.23mm/N Cms Rms 5.92kg/s

# Packed Dimensions & Weight

Single pack size W x D x H 500mm x 500mm x 240mm / x

1.50mH 8.5mm / 0.34in

19.7in 19.7in x 9.4in Single pack weight 11.5kg / 25.3lb

Multi pack qty

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

47.6in x 41.3in x 35.4in

265kg / 580lb Multi pack weight