CELESTION

LF Loudspeakers

FTR12-4080DL



Mounting Information

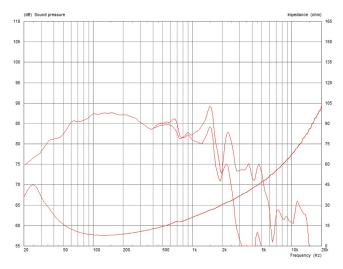
Overall diameter Overall depth Cut-out diameter Mounting hole dimensions Number of mounting holes Mounting hole PCD Unit weight

313mm / 12.3in 169mm / 6.7in 282mm / 11.1in 10x7mm / 0.39x0.27in

291-301mm / 11.7-11.9in

10.2kg / 22.4lb

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

12-inch, cast aluminium chassis, ferrite magnet LF driver

Half-roll elastomer surround

Long excursion: 13.6mm mathematical Xmax

Glass loaded paper cone with weather-resistant impregnation

Optimised double suspension

Airflow vented magnet assembly for dynamic heat dispersion

1400W

88dB sensitivity

4in

Continuous

Round copper voice coil

General Specifications

Nominal Diameter 305mm / 12in Power Rating 700W 1400W Continuous power rating Rated impedance 8 ohm Sensitivity 88dB Frequency range 20-300Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 3.6kg / 126oz Voice coil diameter 100mm / 4in Voice coil material Round copper Former material Aluminium Glass loaded paper Cone material

(weather-resistant) Surround material Suspension Double

9.5mm / 0.37in Gap height (Hg) VC winding height (Hvc) 32mm / 1.26in Additional impedances

Parameters

Xmax

530.93cm² / 82.29in² Sd Fs 28 90Hz Mms 176.07g / 6.21oz 2.466 Qms 0.345 Qes Ots 0.303 Re 6.24 ohm Vas 68.60l / 2.42ft3 ΒΙ 24.05Tm 0.17mm/N Cms 12.97kg/s Rms Le (at 1kHz) 2.07mH

Packed Dimensions & Weight

360mm x 3860mm x 200mm / Single pack size W x D x H 14.2 in x 14.2in x 7.9in Single pack weight 11.5kg / 25.3lb

Multi pack qty

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

13.6mm / 0.54in

47.6in x 41.3in x 35.4in

Multi pack weight 400kg / 880lb