CELESTION

LF Loudspeakers

FTR12-3070C



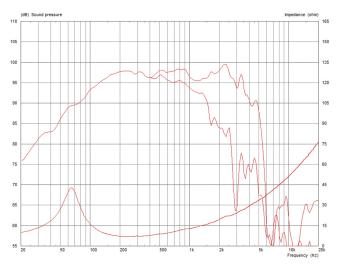
Mounting Information

Overall diameter 318mm / 12.5in Overall depth 102mm / 4in Cut-out diameter 286mm / 11.26in 10x7mm / 0.39x0.27in Mounting hole dimensions Number of mounting holes

Mounting hole PCD 298-304mm / 11.7-12.0in

Unit weight 6.3kg / 13.9lb

Frequency Response and Impedance Curves



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

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

700W Continuous power rating 96dB

Round copper sensitivity voice coil

16mm / 0.63in

General Specifications

Nominal Diameter 305mm / 12in Power Rating 350W 700W Continuous power rating EIA power rating 500W Rated impedance 8 ohm Sensitivity 96dB 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) 10mm / 0.4in

VC winding height (Hvc)

Sd 530.93cm² / 82.29in² Fs 65.10Hz Mms 54.61g / 1.93oz Qms 2.804 0.362 Qes Qts 0.321 5.59 ohm Re Vas 43.70l / 1.54ft³ 18.58Tm ВΙ Cms 0.11mm/N Rms 7.96kg/s Le (at 1kHz) 1.09mH 5.5mm / 0.22in **Xmax**

Packed Dimensions & Weight

350mm x 350mm x 180mm / x Single pack size W x D x H

13.8in 13.8in x 7.1in Single pack weight 6.3kg / 13.9lb

Multi pack qty

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

47.6in x 41.3in x 35.4in

410kg / 900lb Multi pack weight

Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker

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

