### CELESTION

## LF Loudspeakers CF1540F



#### **Mounting Information**

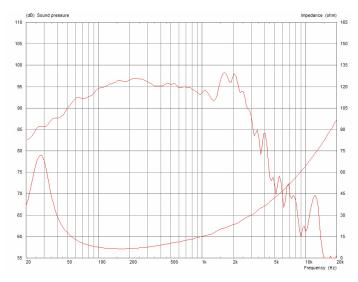
Overall diameter
Overall depth
Cut-out diameter
Mounting hole dimensions
Number of mounting holes
Mounting hole PCD
Unit weight

392.7mm / 15.5in 181.8mm / 7.16in 354.5mm / 13.96in 10x7mm / 0.39x0.27in

367-374mm / 14.45-14.72in

9.62kg / 21.2lb

#### Frequency Response and Impedance Curves



# 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

1200W

power rating

97dB sensitivity

4in Round copper voice coil

22mm / 0.87in

#### **General Specifications**

Nominal Diameter 381mm / 15in Power Rating 600W 1200W Continuous power rating Rated impedance 8 ohm Sensitivity 97dB Frequency range 35-2,000Hz Chassis type Cast aluminium Magnet type Ferrite Magnet weight 3.1kg / 110oz Voice coil diameter 100mm / 4in Round copper Voice coil material Former material Glass Fibre Cone material Glass loaded cellulose Surround material Cloth-sealed Suspension Single Gap height (Hg) 9.5mm / 0.37in

#### **Parameters**

VC winding height (Hvc)

855.3cm<sup>2</sup> / 132.6in<sup>2</sup> Sd Fs 29.1Hz 128.9g/4.54oz Mms Qms 6.531 0.243 Qes Qts 0.235 5.53 ohm Re 227.867l/8.05ft<sup>3</sup> Vas ВΙ 23.15Tm Cms 0.232mm/N Rms 3.61kg/s Le (at 1kHz) 1.74mH 8.6mm / 0.34in

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

