- **Proprietary design with Neo magnets Kapton diaphragm**
- **high sensitivity and flat resistive impedance**
- **extremely low distortion due to absence of voice coil inductance and related intermodulation effects**
- **exceptional sonic transparency and resolution surpassing conventional HF drivers**
- **wide and even horizontal dispersion**
- **reliable design, successfully proven in long term operations in residential and commercial applications**
- **optimized for line arrays with maximized ratio of radiating slots to total driver length**
- **optional configurations available for <u>custom orders</u>: weatherproof version, open back version with dipole radiation pattern**

SPECIFICATIONS	
Nominal size	2.80"/71mm
Radiating configuration Closed back (with rear cup) Dipole (open back)/ custom cup	 standard optional
Rated impedance	5 Ω
Power handling, AES[1]	20 W
Long-term maximum power, IEC[1]	30 W
Short-term maximum power, IEC[1]	60 W
Sensitivity, 1W/1m, on waveguide[2]	96 dB
Effective frequency range[3]	1.2 kHz – 40 kHz
Recommended min XO frequency	2 kHz
Horizontal coverage angle[4]	120 deg
Vertical coverage angle[4]	60 deg
Diaphragm	Kapton
Current carrying conductors	Aluminum foil
Displacement limit for VC	0.5 mm
Minimum impedance = Re (inductive component is absent)	Impedance is predominantly constant @ Re=4.1 Ω
Magnet material	Neodymium
Driver plates material	Powder coated steel
Recommended minimum XO point 12 dB/Oct. 6 dB/Oct.	 1.8-2 kHz 3 kHz
Net weight	59 g (0.13 lb.)
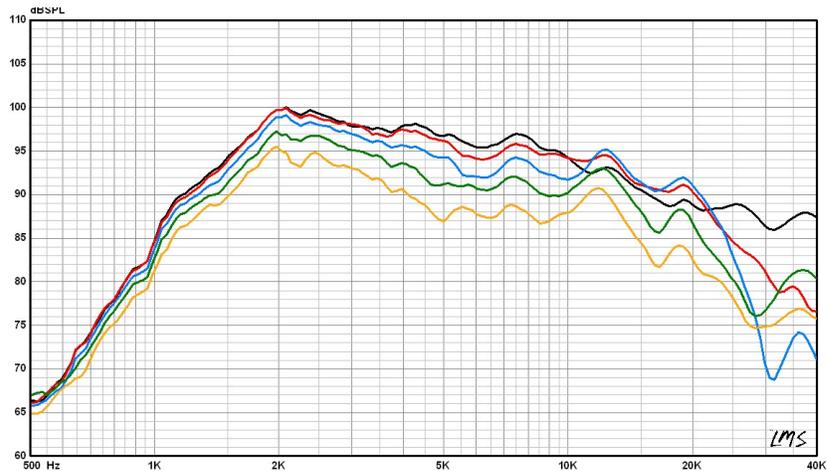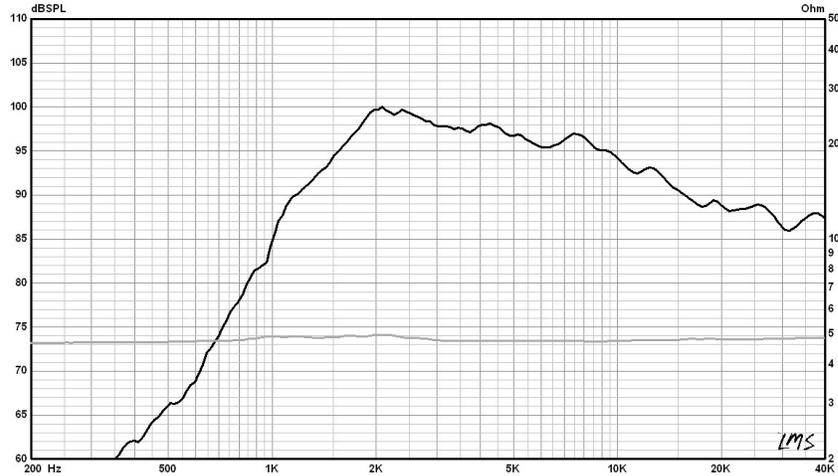
4: 0 deg	6: 30 deg	8: 60 deg
5: 15 deg	7: 45 deg	
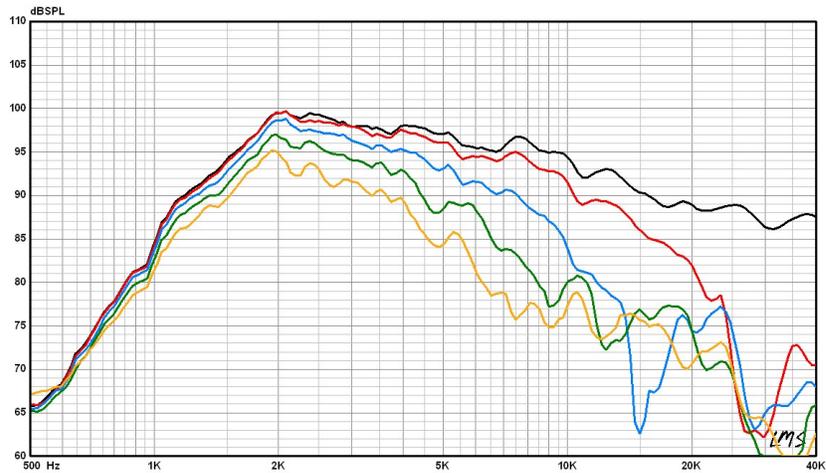
10: 0 deg	12: 30 deg	14: 60 deg
11: 15 deg	13: 45 deg	

LT2 – SPL graphs, vertical directivity

1. AES refers to AES2-1984 Rev.2003. IEC refers to IEC 60268-5.

2. Specified number is calculated based on measured response data at 1m/ 2.83V averaged within 2.0 kHz- 10 kHz range. Driver mounted on a shallow waveguide 100x100x20 mm size and tested in 15x30 cm baffle.

3. Measured in accordance with IEC 60268-5, defined at -10 dB below 1W/1m sensitivity SPL level.

4. Horizontal coverage angle defined at -6dB, averaged on octave band center points in 2 kHz-20 kHz range. Vertical coverage is defined for 2-12.5 kHz range