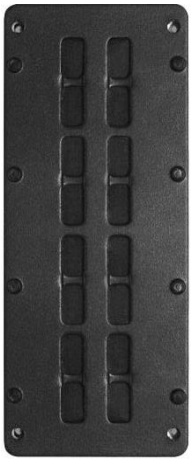
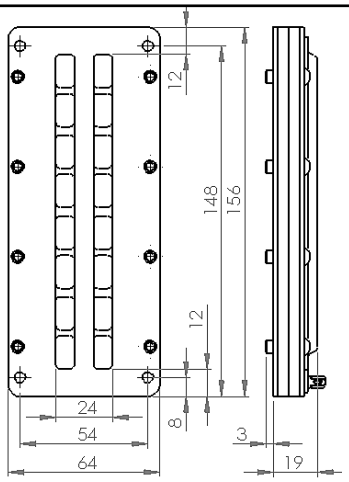
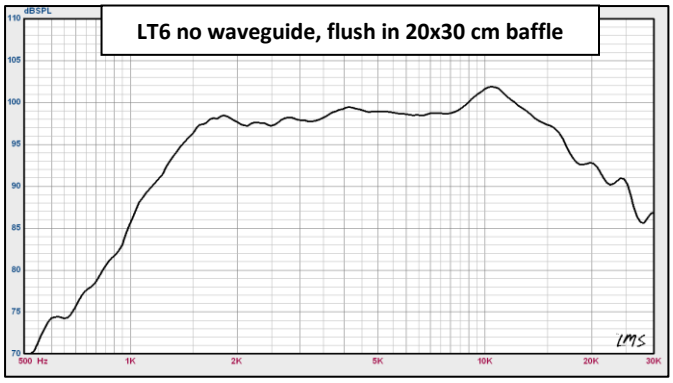
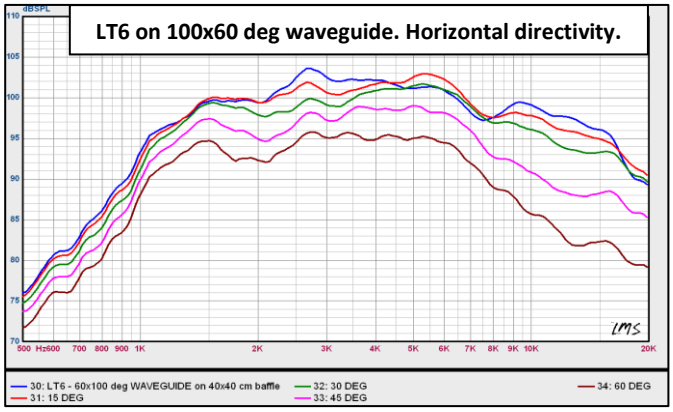
LT6

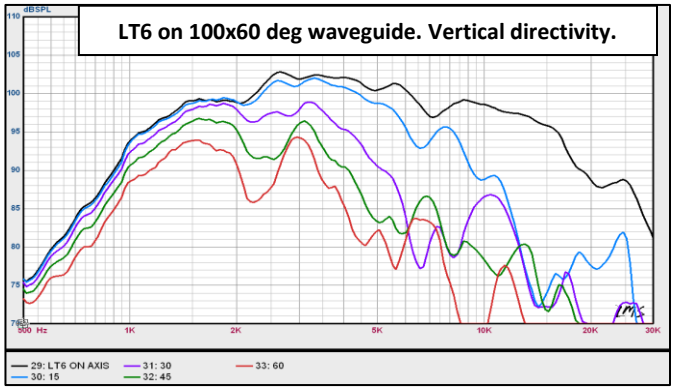
HF Planar ribbon transducer











- **Neo magnets and Kapton diaphragm**
- **extremely smooth response, high sensitivity**
- **superior sonic transparency and resolution**
- **wide and even horizontal dispersion**
- **reliable design for long term operation in residential and commercial applications**
- **environmental protection**
- **optimized for line arrays**

SPECIFICATIONS	
Nominal size	6”/156mm
Radiating configuration Closed back (with rear cup) Dipole (open back)/ custom cup	 standard optional
Rated impedance	9 Ω
Power handling, AES[1]	40 W
Long-term maximum power, IEC[1]	80 W
Short-term maximum power, IEC[1]	150 W
Sensitivity, 1W/1m,no waveguide [2]	99 dB
Sensitivity, 1W/1m, on waveguide [2]	103 dB
Effective frequency range[3]	1.2 kHz – 30 kHz
Horizontal coverage angle[4]	100 deg
Vertical coverage angle[4]	40 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=7.3 Ω
Magnet material	Neodymium
Driver plates material	Powder coated steel
Recommended XO point (12 dB/Oct.) 6 dB/Oct.	1.7-2 kHz 3.5 kHz
Net weight	0.54 kg (1.2 lb.)

1. AES refers to AES2-1984 Rev.2003. IEC refers to IEC 60268-5. AES power handling tested using IEC60268-1 noise signal for duration of 2 hours in effective frequency range in free air.
2. Specified for two cases. Raw driver without waveguide mounted on 20x30 cm baffle. With 100x60 deg, 240x240x70 mm constant directivity waveguide mounted on 40x40 cm baffle. The number is calculated based on measured response data at 1m/ 2.83V averaged within 2 kHz- 5 kHz range and scaled to 1W/1m value.
3. Measured in accordance with IEC 60268-5, defined at -10 dB below SPL averaged in 2 kHz- 5 kHz range.
4. Horizontal coverage angle defined at -6dB, averaged on octave band points in 2 kHz-20 kHz range. Driver mounted on a 100x60 deg waveguide (240x240x70 mm) and tested in 40x40 cm baffle. Vertical directivity is estimated within 2-10 kHz range.

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