



# 08W35-8TP

## BASS/MID RANGE DRIVER



### GENERAL SPECIFICATIONS

Part Number	08W35-8TP
Nominal Diameter	210.5mm (8in)
Nominal Impedance	8Ω
Minimum Impedance	6.2Ω
AES Power Handling <sup>1</sup>	150W
Maximum Power Handling <sup>2</sup>	300W
Sensitivity (1W/1m) <sup>3</sup>	94dB
Resonance Frequency	65Hz
Frequency Range	65Hz-4kHz
Voice Coil Diameter	35.5mm
Winding Material	Copper
Former Material	Polyimide
Winding Depth	10.2mm
Magnetic Gap Depth	6mm
Xmax <sup>4</sup>	4.1mm
Flux Density	1.3T
Basket Material	Pressed Steel
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	W-Roll Cloth-sealed
Cone Material	Curvilinear Paper
Net Weight	2.2kg

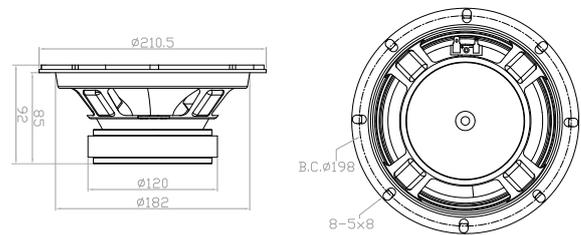
### TS Parameters<sup>5</sup>

Fs	68Hz	Qms	6.3
Re	5.9Ω	Qes	0.50
Le	0.30mH	Qts	0.46
Mms	18g	Vas	19L
Mmd	16g	Ref. Efficiency	1.2%
Cms	0.30mm/N	Sd	214cm <sup>2</sup>
BL	9.6Tm	EBP	136Hz

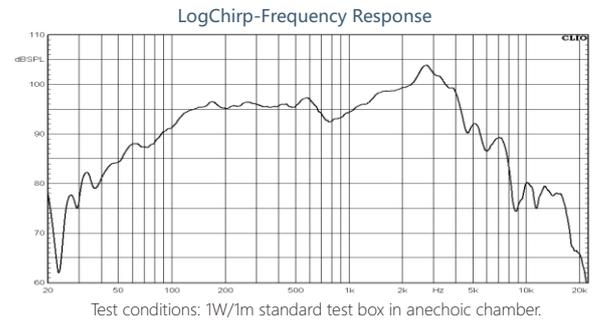
### KEY FEATURES

- 94dB 1W/1m sensitivity
- 150W AES power handling
- 65Hz-4kHz frequency response
- 35.5mm (1.4in) copper voice coil
- Suitable for compact two way systems and multi-way systems

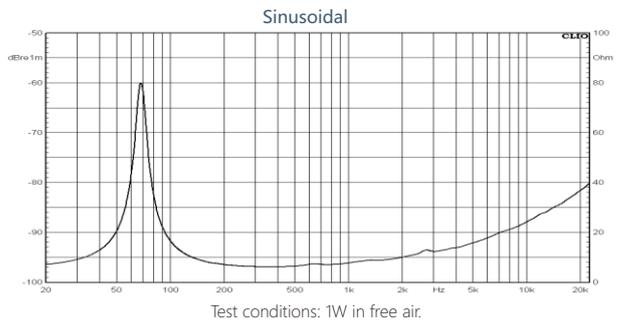
### MECHANICAL DRAWING



### FREQUENCY RESPONSE CURVE



### IMPEDANCE CURVE



### NOTES

1. Two hours test according to AES 2-1984 Rev. 2003. Power calculated on rated minimum impedance.
2. Maximum power is defined as 3dB greater than Nominal power.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Xmax=[(winding depth-magnetic gap depth)/2]+(magnetic gap depth/3).
5. Thiele-Small parameters are measured after a preconditioning test.
6. Power test by continuous pink noise signal within the frequency range.