

# Specification Sheet

Model # LC8W-4B



## MISCO®

### Key Features:

- 8" (205mm), Cast Aluminum, 8 ohm
- Woofer, 50 watts
- Ferrite magnet, Polypropylene cone with rubber surround
- RoHS compliant

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Outdoor
RoHS Compliant	Yes

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	8.0	inch
	205.0	mm
Rated Impedance	8	ohms
Rated Power	50.0	Watts
Program Power	100	Watts
Frequency Range	40 - 4,000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	92	dB SPL
Voice Coil Diameter	1.5 / 38.1	inch / mm
Magnet Weight	20.0 / 568	oz / gr
Transformer		

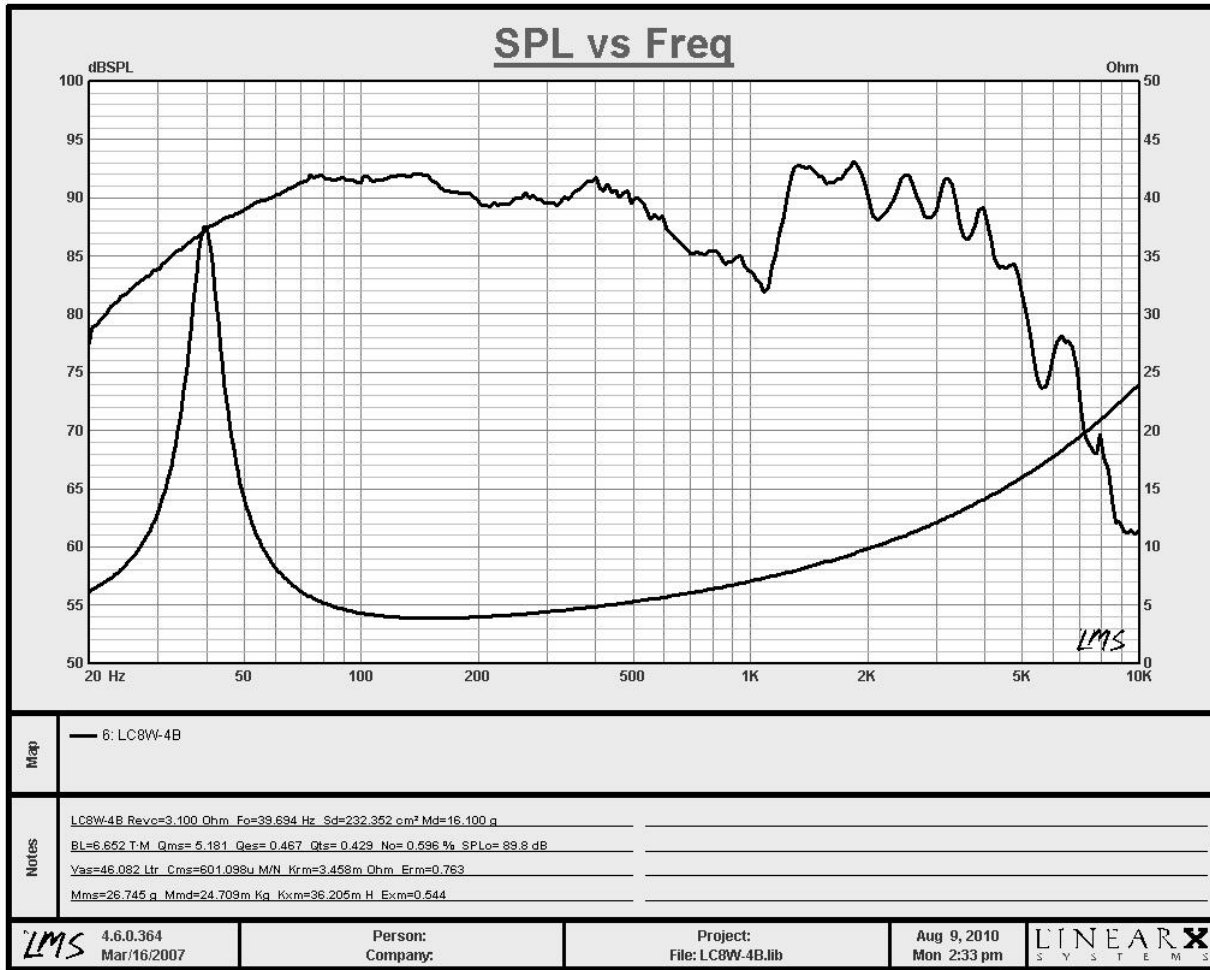
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	40	Hz
D.C. Resistance (Re)	3.1	ohms
Mechanical Q (Qms)	5.2	
Electrical Q (Qes)	0.47	
Total Q (Qts)	0.43	
Compliance Equivalent Volume (Vas)	46.1	ltr
BL Product (BL)	6.7	T-M
Maximum Linear Excursion (Xmax)	5.7	mm
Surface Area of Cone (Sd)	232.0	cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Cast Aluminum
Terminal Size	0.25 X 0.03 / 0.19 X 0.02
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Polypropylene
Cone Edge	Rubber
Dust Cap	Plastic

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	8.6 in.	+/- 0.020"
CD	Cutout Diameter	7.6 in.	+/- 0.020"
MG	Magnet Diameter	4.5 in.	+/- 0.050"
HD	Hole Diameter	0.2 in.	+/- 0.010"
MD	Mounting Diameter	8.2 in.	+/- 0.010"
ID	Internal Depth	3.6 in.	+/- 0.025"
FT	Flange Thickness	0.21 in.	+/- 0.050"
NW	Net Weight	2269.0 g	

