

# KappaLite 3012LF Large Sealed Design

By Jerry McNutt, Eminence Speaker LLC

Limit power to 375 Watts; F3 at 92 Hz. High pass at 95-100 for high power use. Great for a floor wedge.



## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.998 cu.ft

V(total) = 1.998 cu.ft

Qtc = 0.497

QL = 20

F3 = 92.15 Hz

Fill = normal

## Driver Properties

--Description--

Name: KappaLite 3012LFA

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Cast Neo Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 37.02 Hz

Qms = 6.94

Vas = 3.766 cu.ft

Xmax = 0.358 in

Sd = 84.54 sq.in

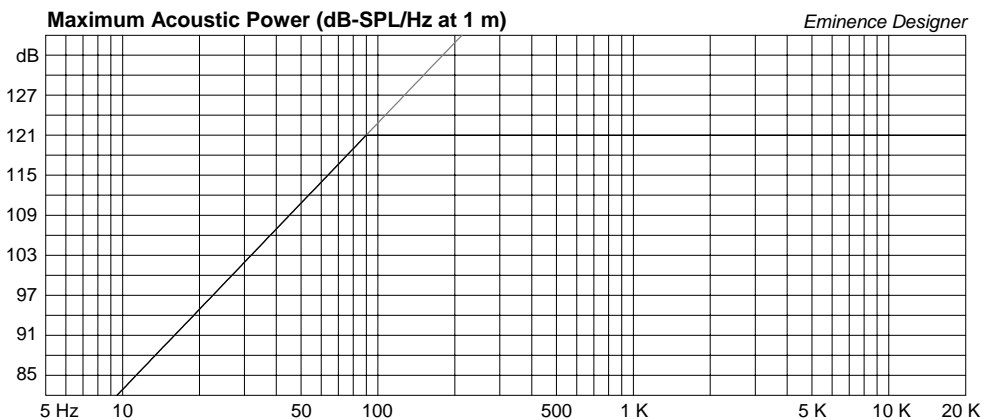
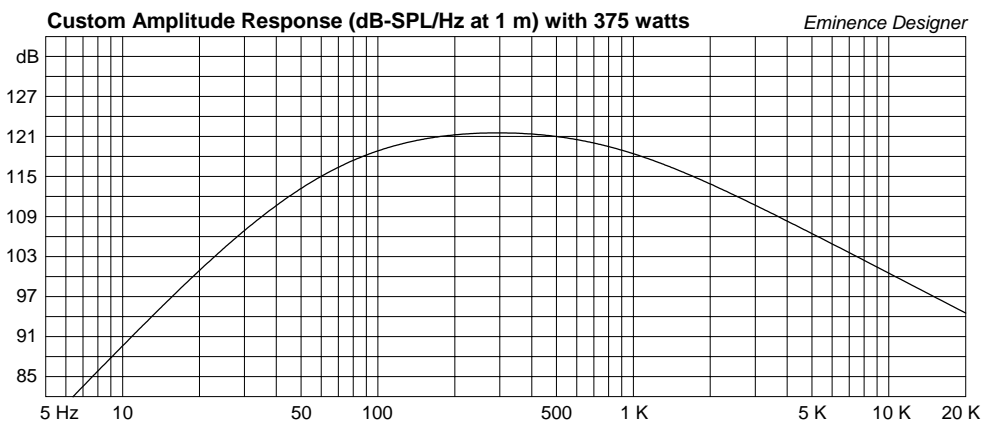
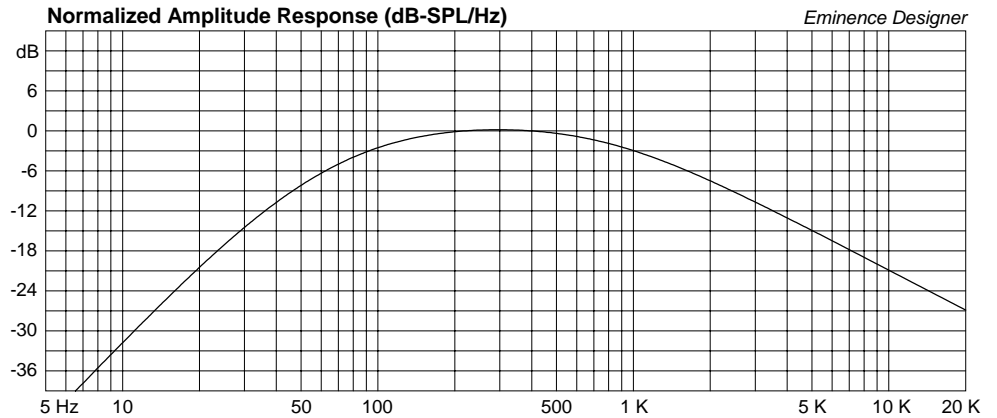
Qes = 0.34

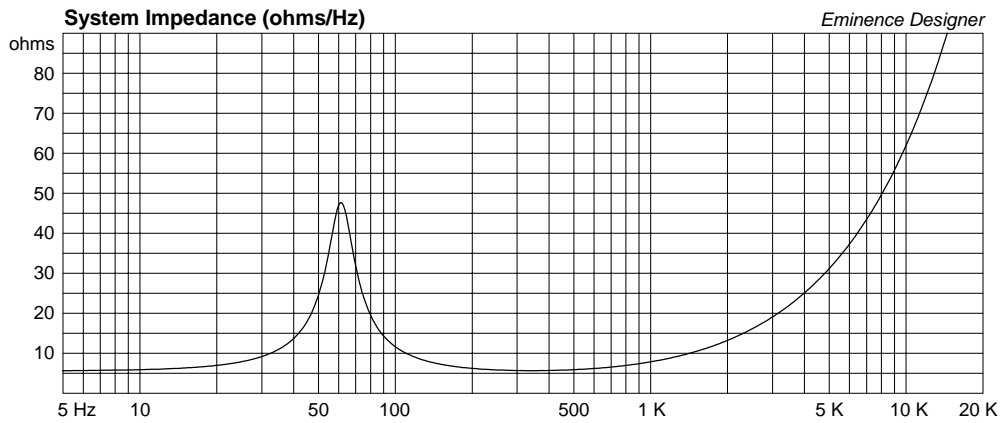
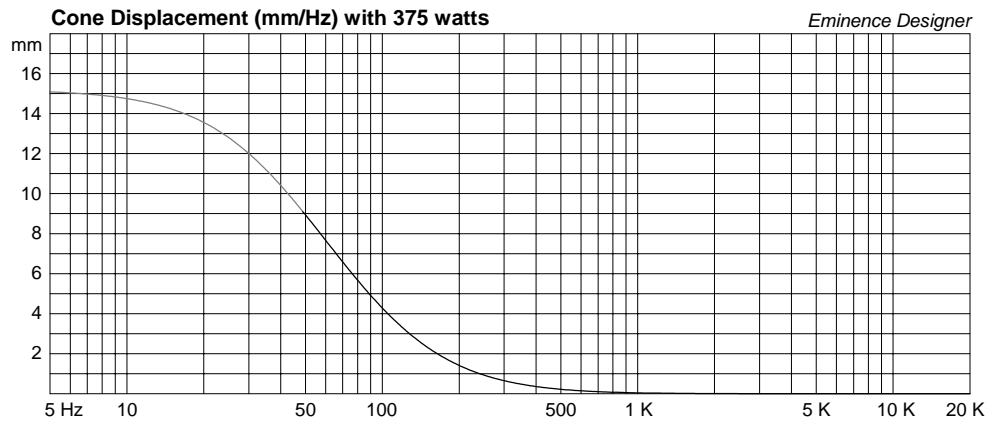
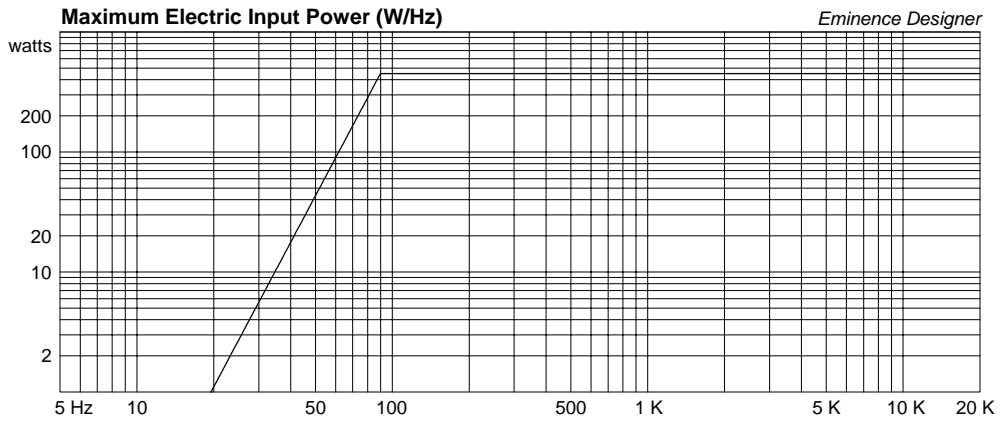
Re = 5.59 ohms

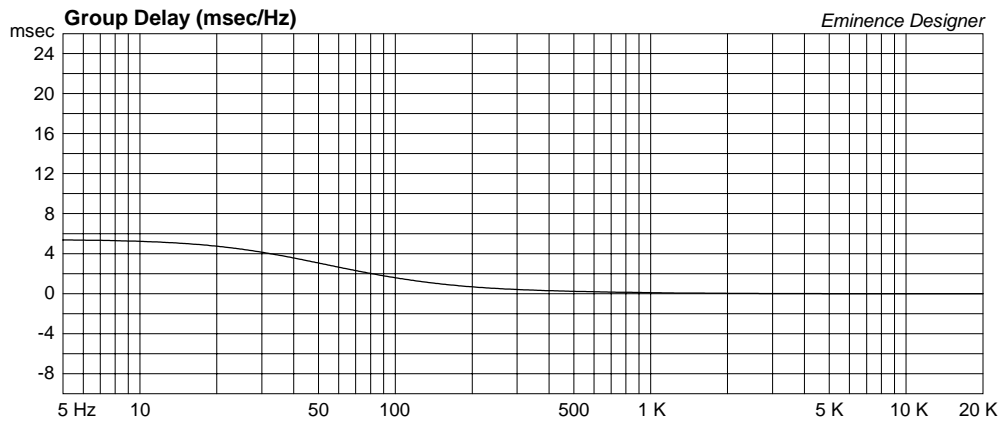
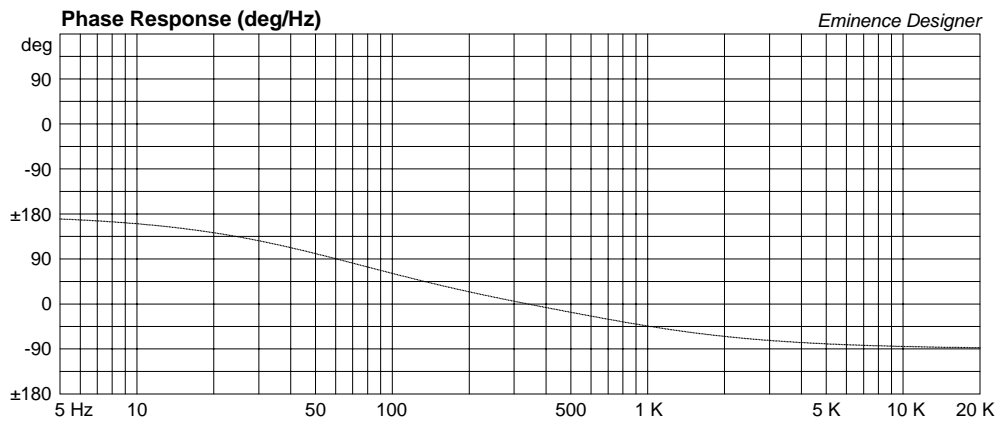
Le = 0.98 mH

Z = 8 ohms

Pe = 450 watts







# KappaLite 3012LF Small Sealed Design

By Jerry McNutt, Eminence Speaker LLC

Limit power to 375 Watts; F3 at 90 Hz. High pass at 95-100 for high power use. Great for a floor wedge.



## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.899 cu.ft

V(total) = 0.899 cu.ft

Qtc = 0.647

QL = 19.97

F3 = 89.83 Hz

Fill = normal

## Driver Properties

--Description--

Name: KappaLite 3012LFA

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Cast Neo Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 37.02 Hz

Qms = 6.94

Vas = 3.766 cu.ft

Xmax = 0.358 in

Sd = 84.54 sq.in

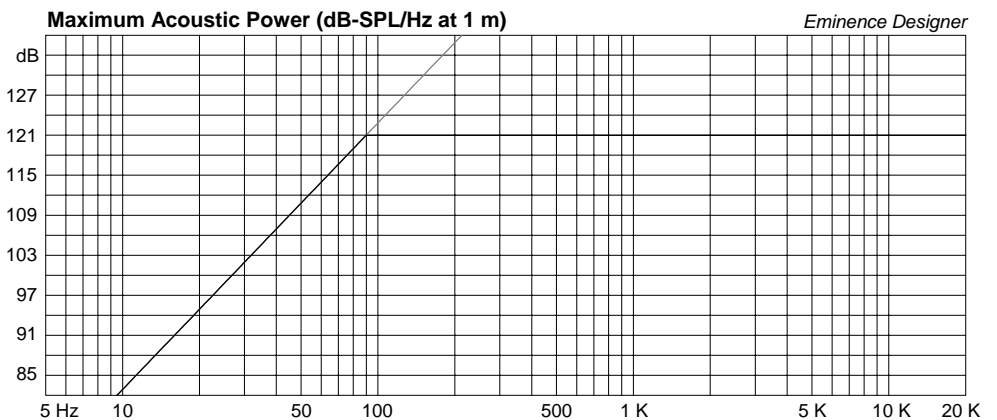
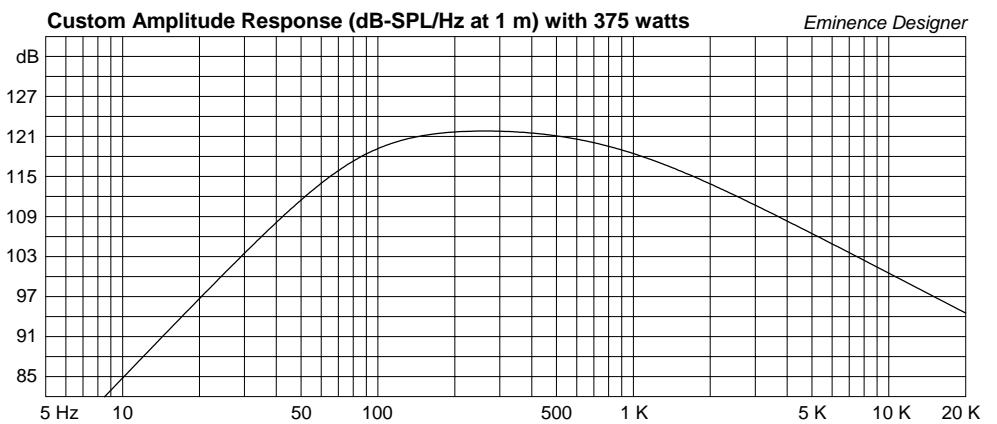
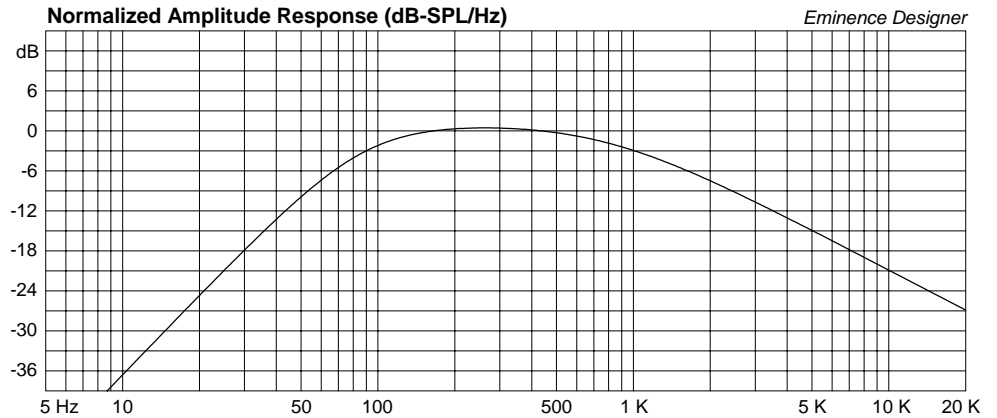
Qes = 0.34

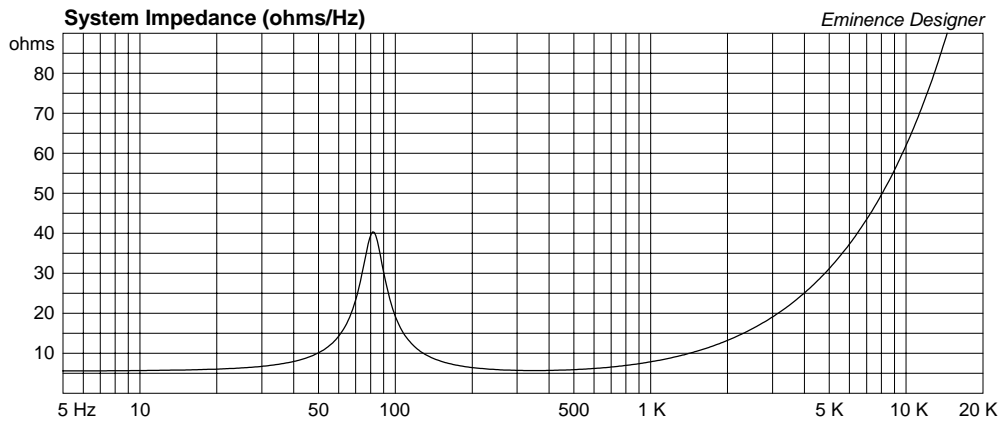
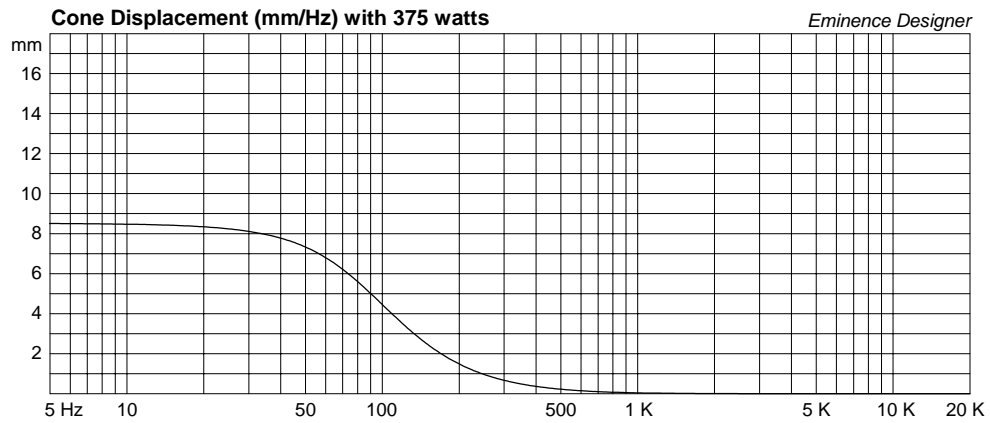
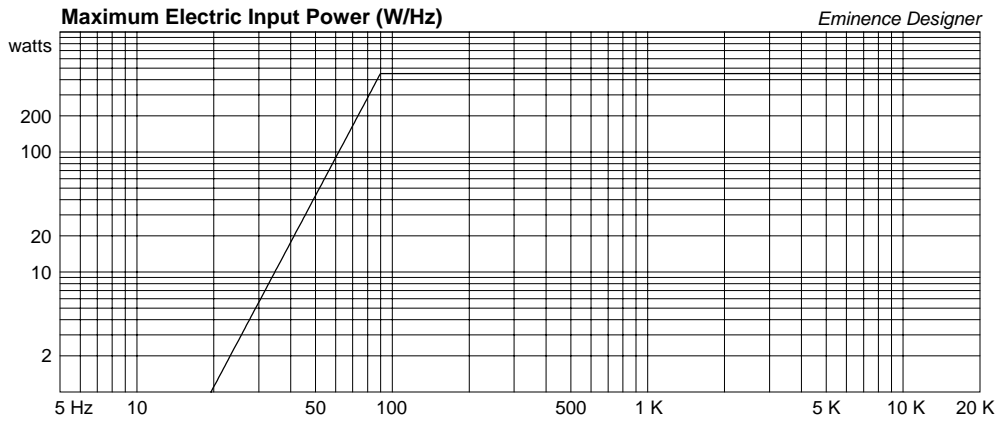
Re = 5.59 ohms

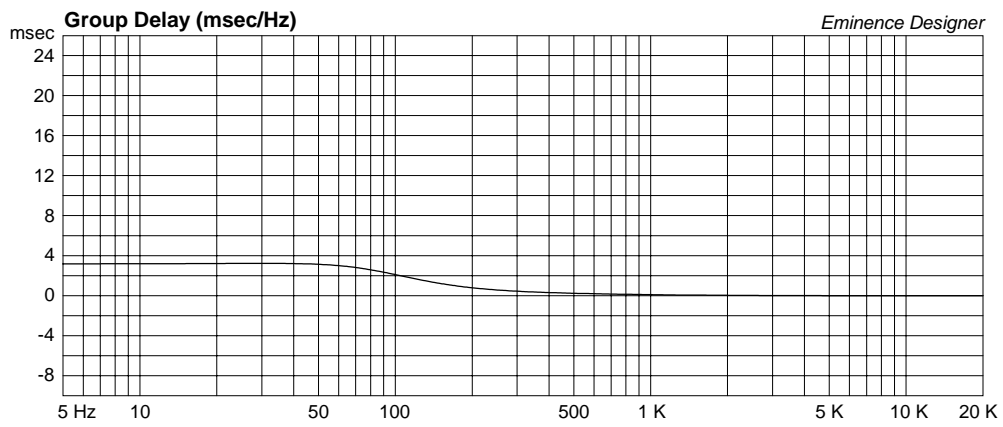
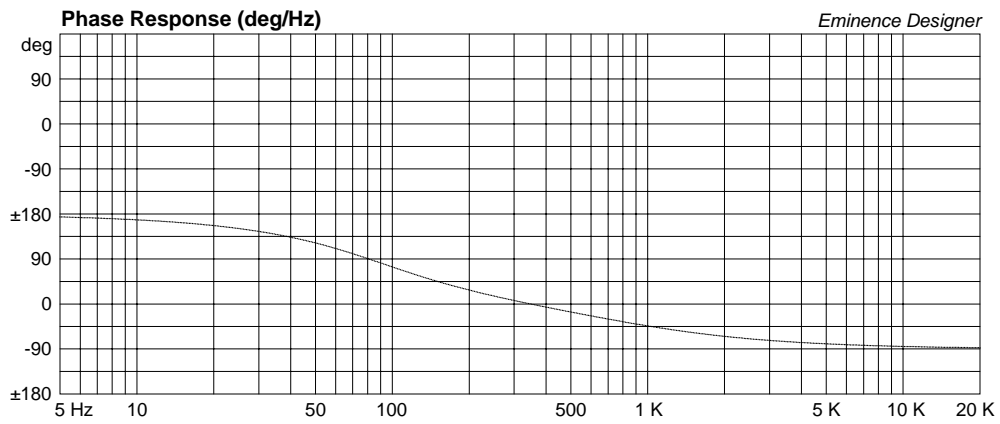
Le = 0.98 mH

Z = 8 ohms

Pe = 450 watts







# KappaLite 3012LF Med Vented Design

By Jerry McNutt, Eminence Speaker LLC  
400 Watts; F3 of 55 Hz, F10 of 37 Hz. High pass at 30 Hz.  
Great for small PA Sub or Bass Guitar Cabinet Bottom



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.6 cu.ft

V(total) = 1.859 cu.ft

Fb = 44 Hz

QL = 7

F3 = 54.5 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3.25 in

Lv = 11.15 in

## Driver Properties

--Description--

Name: KappaLite 3012LFA

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Cast Neo Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 37.02 Hz

Qms = 6.94

Vas = 3.766 cu.ft

Xmax = 0.358 in

Sd = 84.54 sq.in

Qes = 0.34

Re = 5.59 ohms

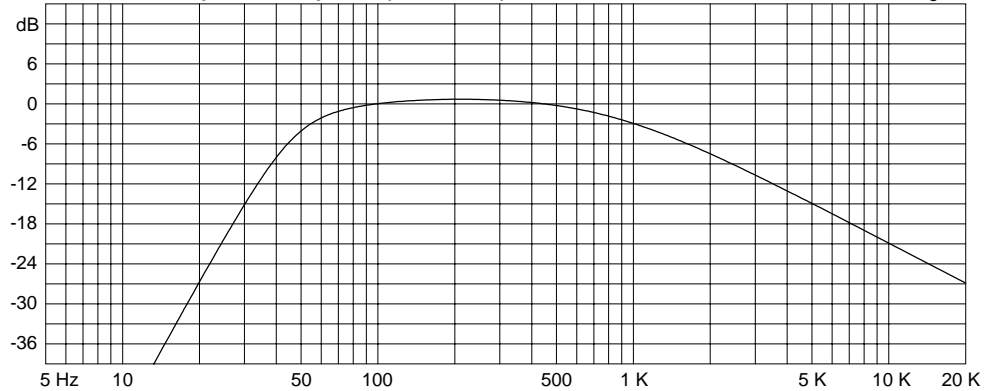
Le = 0.98 mH

Z = 8 ohms

Pe = 450 watts

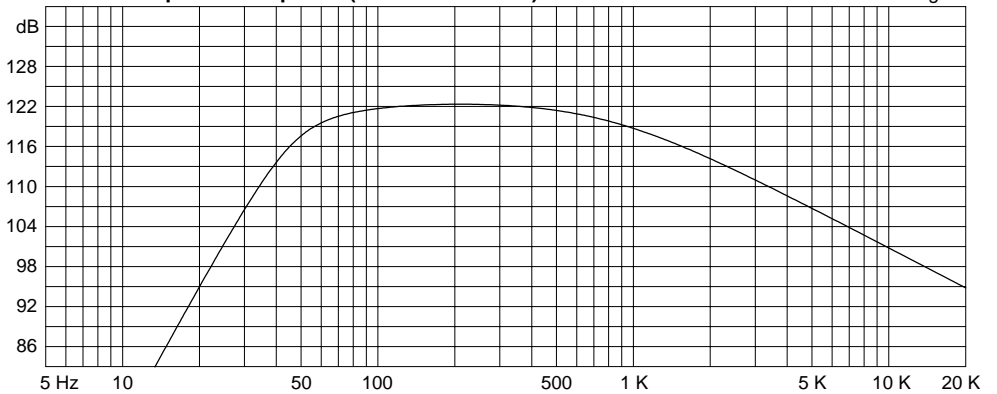
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



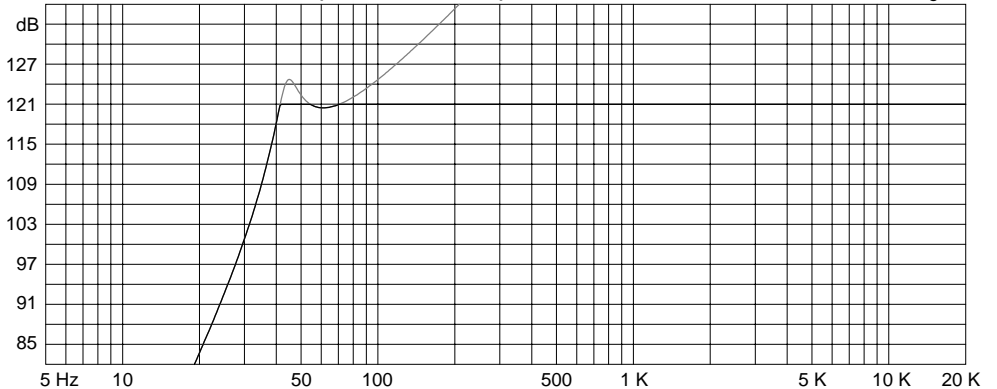
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 400 watts

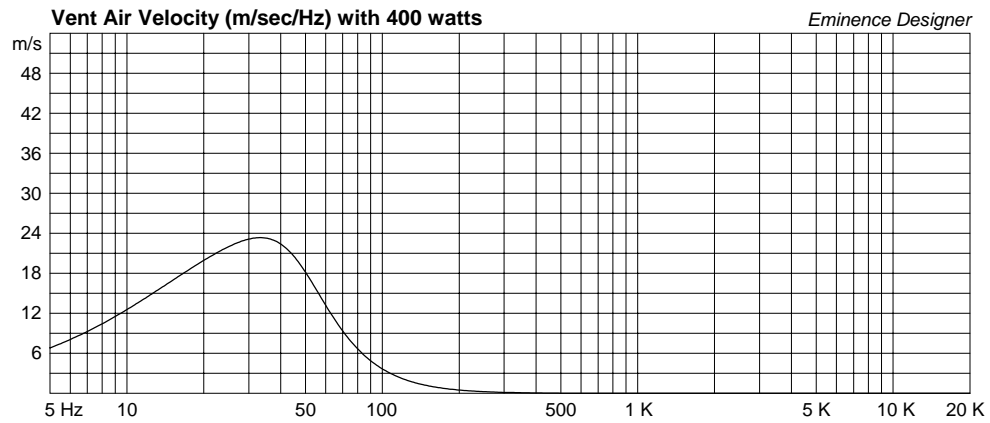
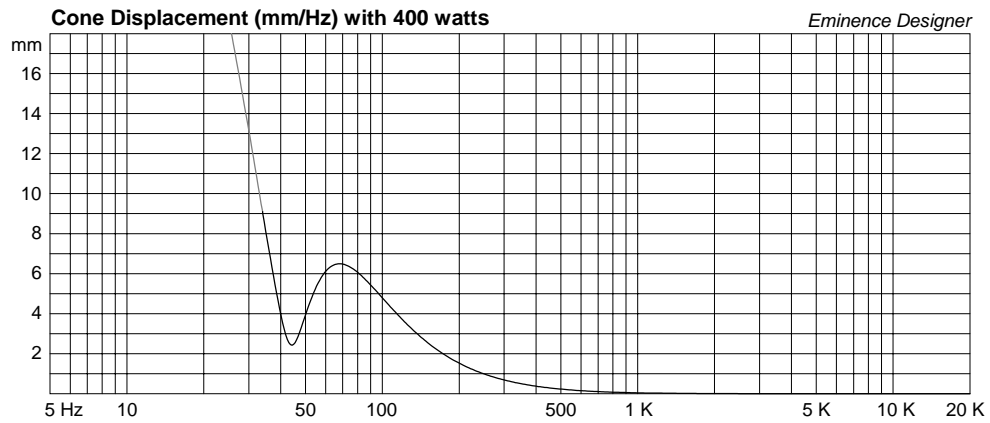
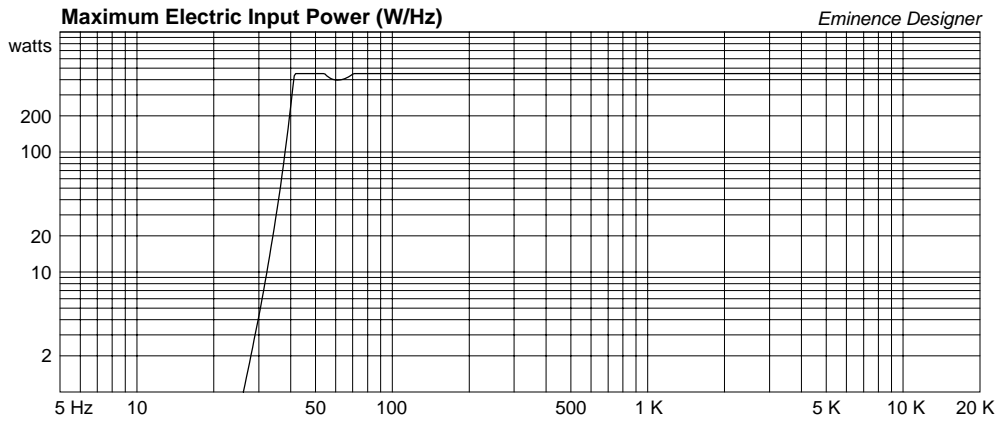
Eminence Designer



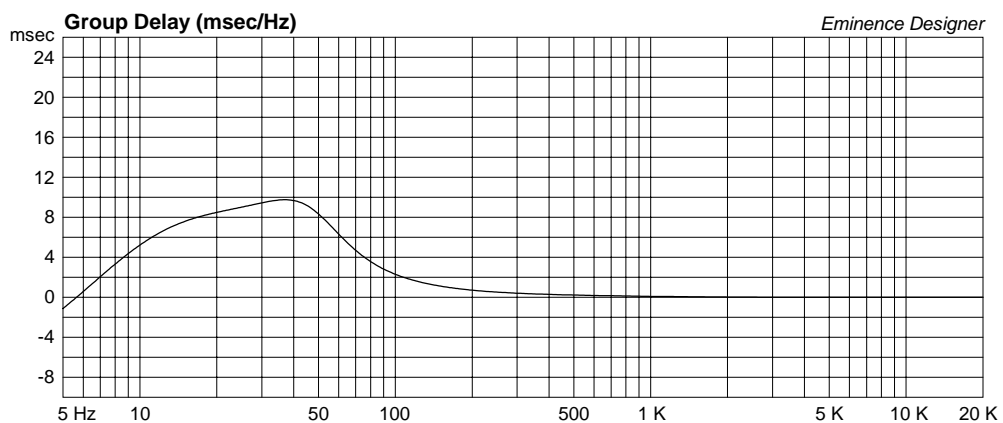
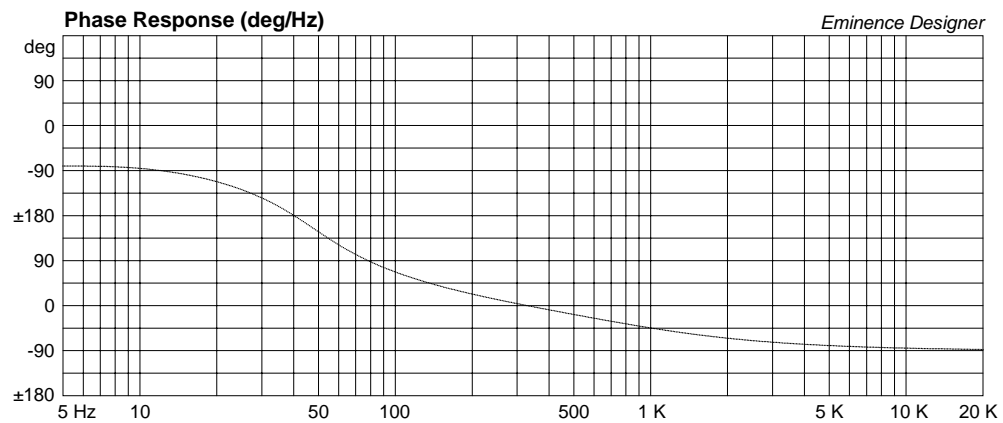
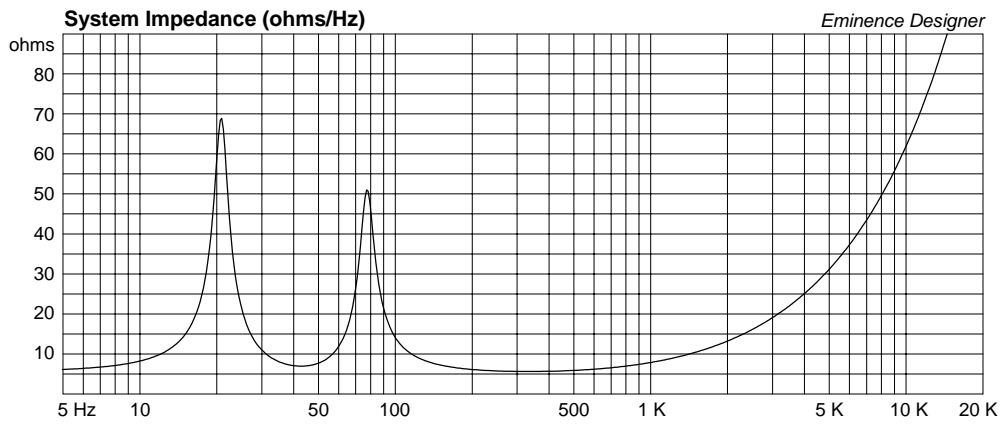
Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer









# KappaLite 3012LF Large Vented Design

By Jerry McNutt, Eminence Speaker LLC

400 Watts; F3 of 46 Hz, F10 of 35 Hz. High pass at 30 Hz.

Great for small PA Sub or Bass Guitar Cabinet Bottom



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.4 cu.ft

V(total) = 2.705 cu.ft

Fb = 44 Hz

QL = 7

F3 = 45.13 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 10.4 in

## Driver Properties

--Description--

Name: KappaLite 3012LFA

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Cast Neo Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 37.02 Hz

Qms = 6.94

Vas = 3.766 cu.ft

Xmax = 0.358 in

Sd = 84.54 sq.in

Qes = 0.34

Re = 5.59 ohms

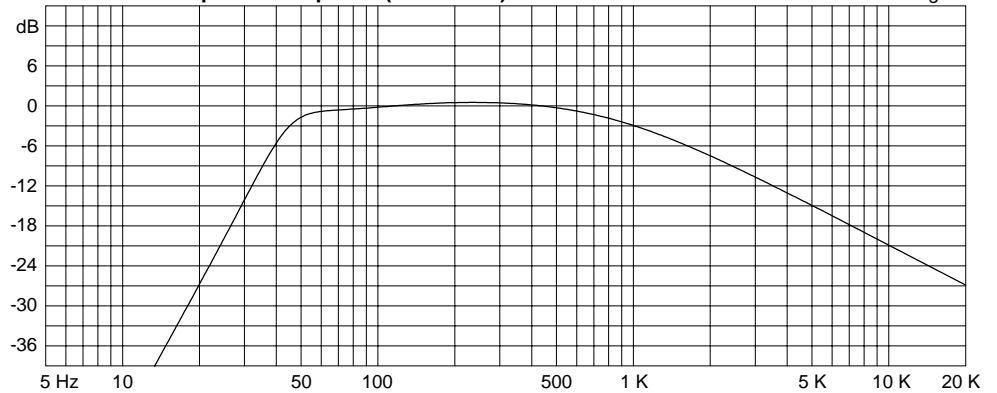
Le = 0.98 mH

Z = 8 ohms

Pe = 450 watts

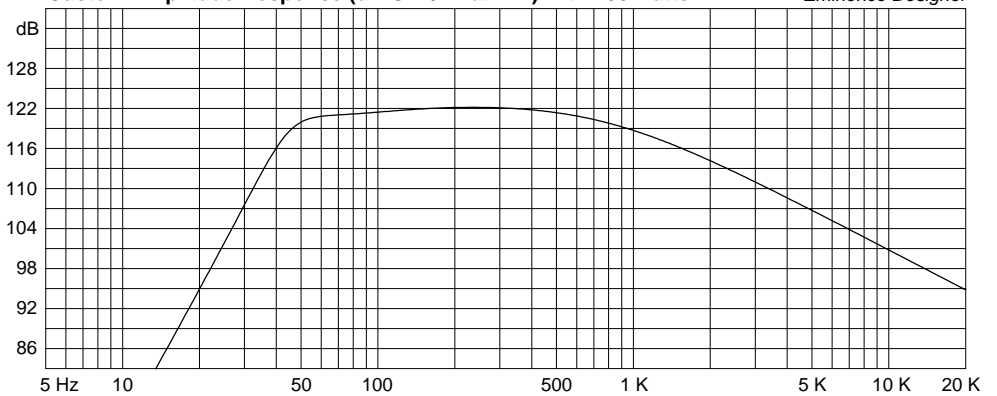
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



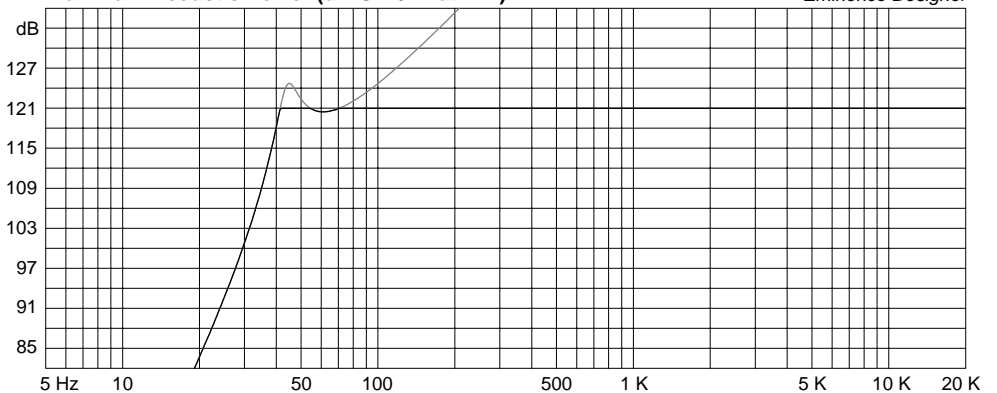
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 400 watts

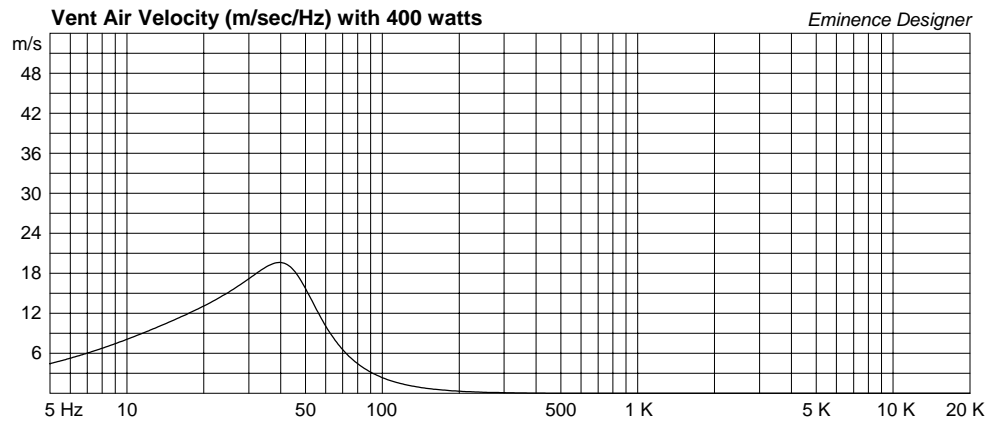
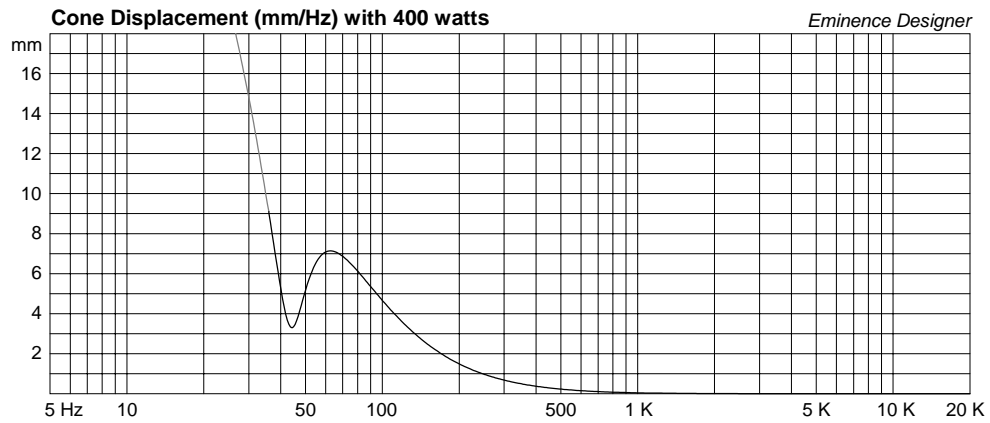
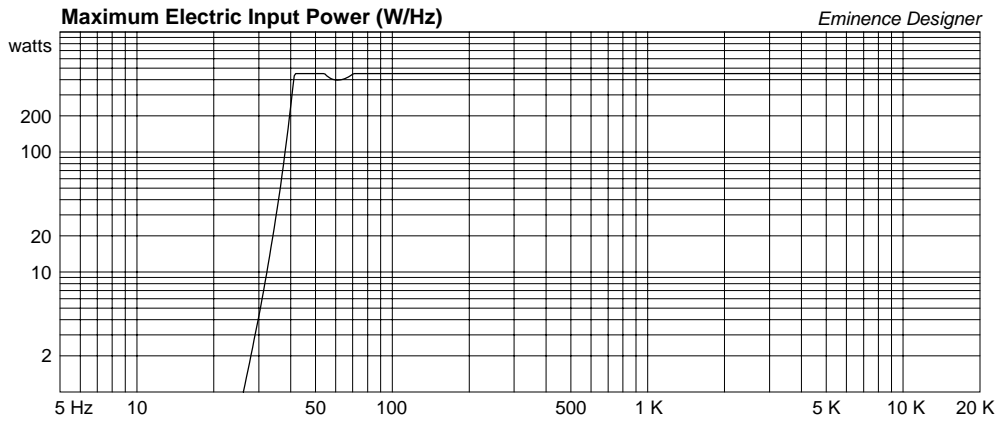
Eminence Designer

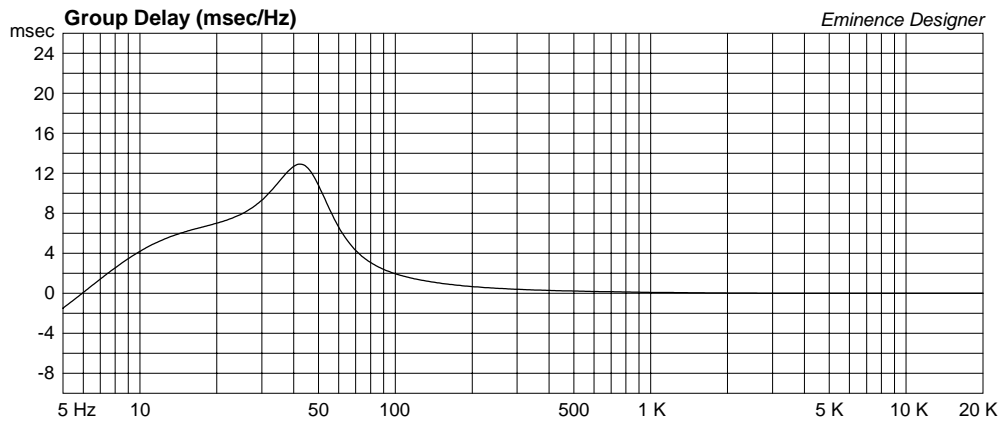
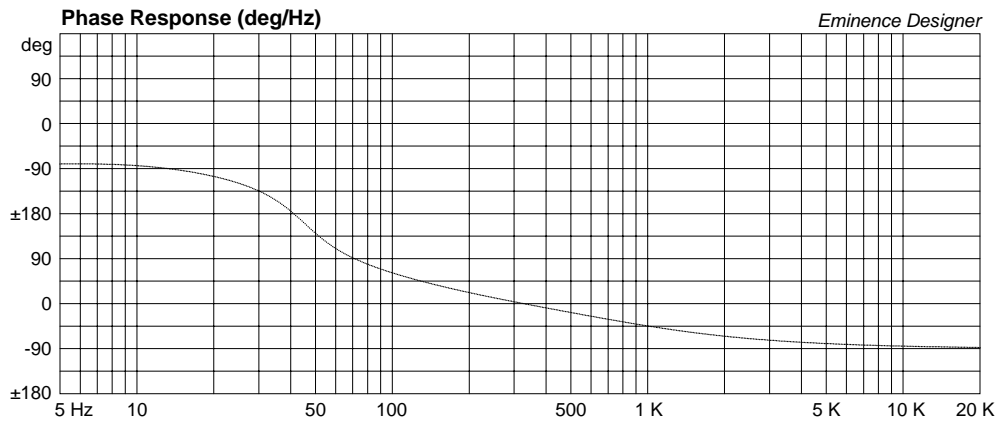
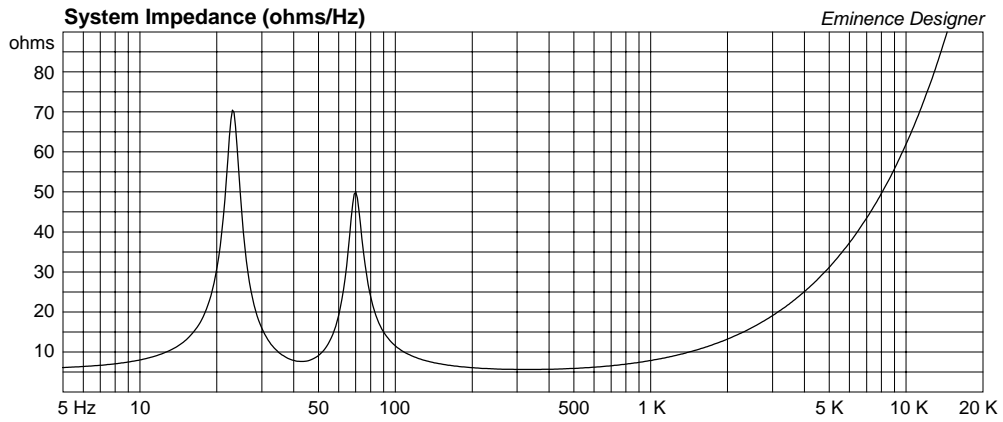


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer







# KappaLite 3012LF Small Vented Design

By Jerry McNutt, Eminence Speaker LLC  
450 Thermal Limit; F3 of 63 Hz, F10 of 43 Hz. High pass at 35 Hz.  
Great for high power floor wedge or woofer box.



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.1 cu.ft

V(total) = 1.339 cu.ft

Fb = 50 Hz

QL = 7

F3 = 62.36 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 10.84 in

## Driver Properties

--Description--

Name: KappaLite 3012LFA

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Cast Neo Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 37.02 Hz

Qms = 6.94

Vas = 3.766 cu.ft

Xmax = 0.358 in

Sd = 84.54 sq.in

Qes = 0.34

Re = 5.59 ohms

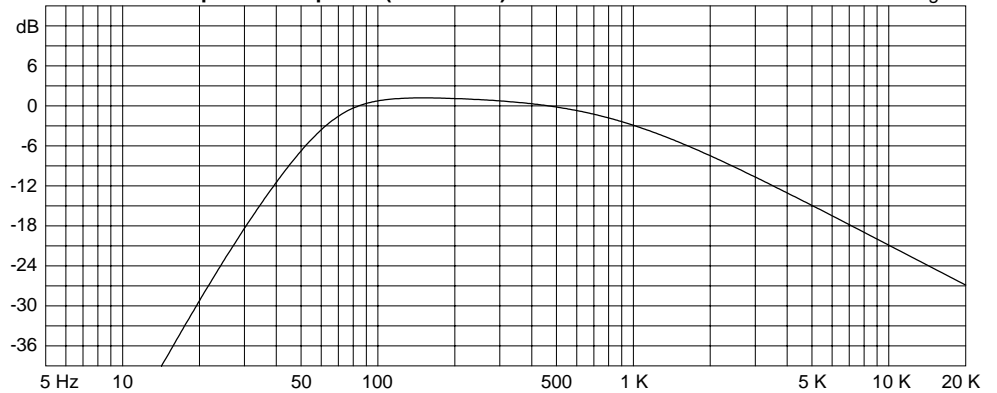
Le = 0.98 mH

Z = 8 ohms

Pe = 450 watts

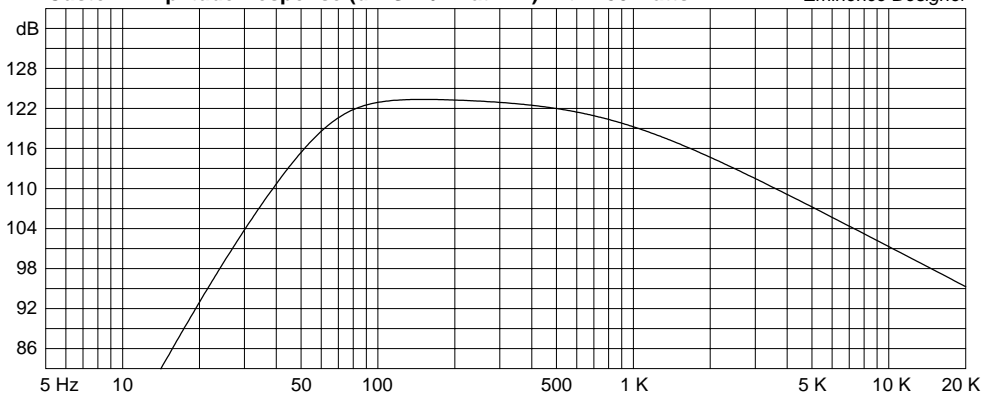
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 450 watts

Eminence Designer



Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer

