



# kirei

## ACE BAFFLES

### Acoustic Baffles

Bring bold lines and acoustic absorption to any ceiling with the long elegant planes of the Ace Baffle. Featuring an open-core design to increase acoustic performance, the Ace Baffle's flush end-caps add a refined look of precision to any space. Available in three standard lengths and over 35 colors with the option of Kirei Ink printing, the Ace Baffle tunes down sound waves with impeccable form.

Product shown: Ace Baffles in Navy and Vanilla with Kirei Ink (Pine)

# Specs

Style	Standard (LxH)	Width	Weight	LF/Unit
48" Baffle	48" x 8.4"	5.5"	4.5 lbs	4
72" Baffle	72" x 8.4"	5.5"	6 lbs	6
96" Baffle	96" x 8.4"	5.5"	8 lbs	8
108" Baffle	108" x 8.4"	5.5"	9 lbs	9

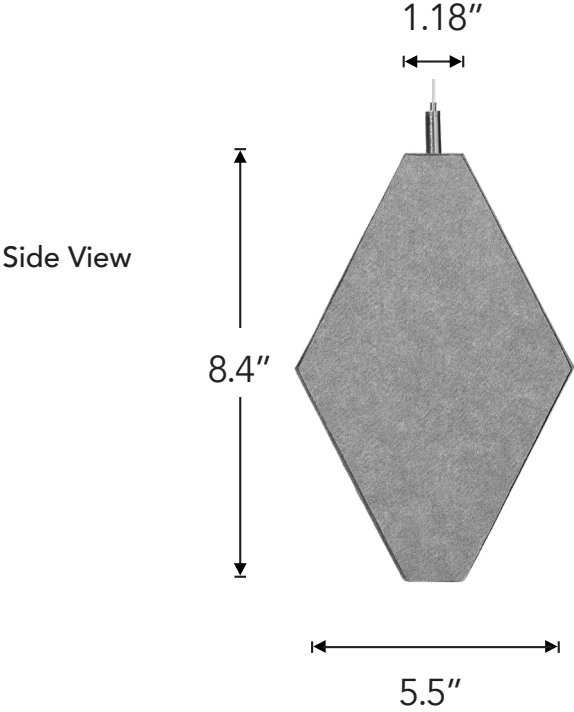
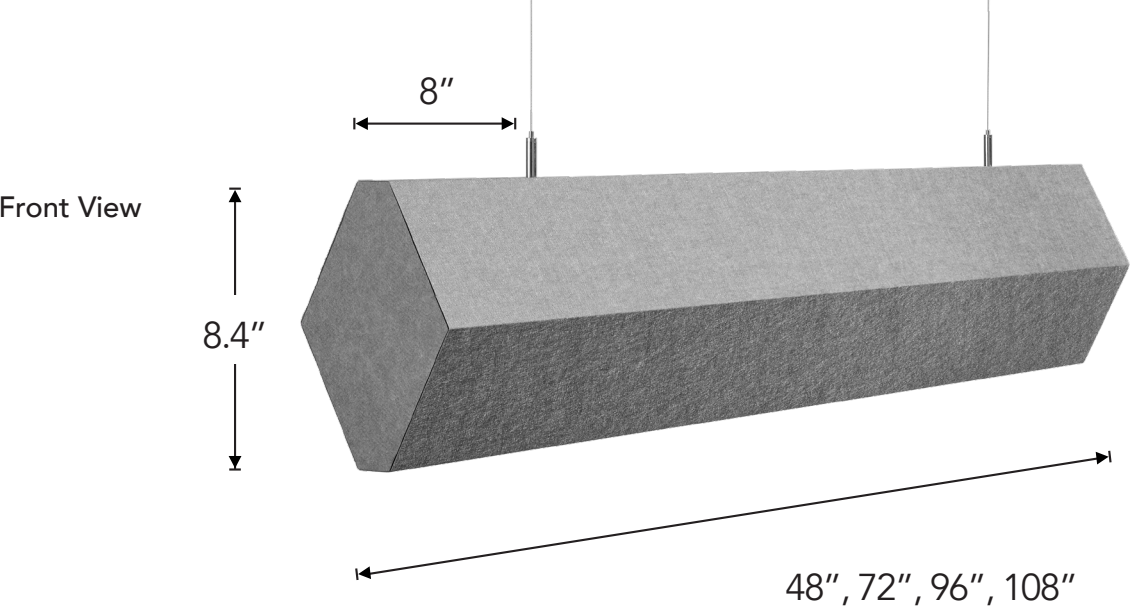
All specs refer to singular products and not multiples unless specified. Due to the nature of the material, cutting and fabrication process, minor dimensional variances may occur. Ace Baffles have 150 in<sup>3</sup> per foot of airspace. This can vary based on cores and hardware locations in the baffle.

Designer	Kirei
Material	100% PET (60% post-consumer recycled content)
Fire Rating	ASTM E84 Class A
Custom Options	Available upon request
Lead Time	Please refer to <a href="http://kireiusa.com">kireiusa.com</a> for updated lead times.
VOC Emissions	CDPH (CA 01350) Compliant TVOC: <0.5 mg/m <sup>3</sup>

\*Actual lead times are determined when the project goes into production and can change based on production schedule and all quantities, color and thicknesses being in stock at time of order. See [Kirei's Product Lead Time Disclosure](#) for more information.



# Product Dimensions



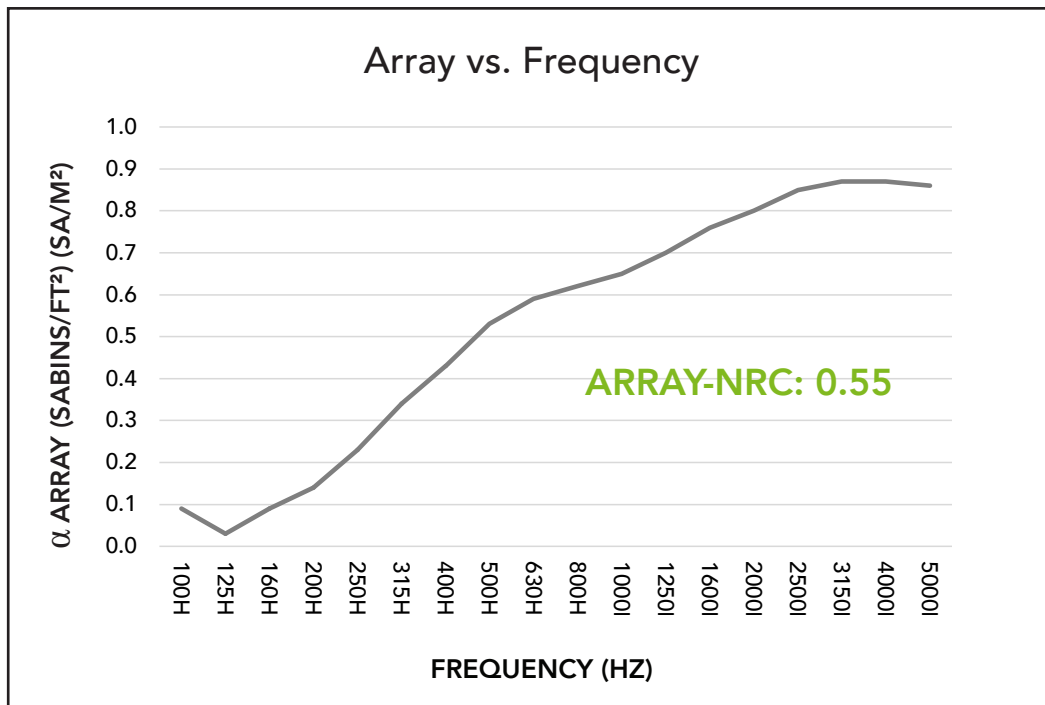
# Acoustic Data - Ace Baffle (48")

## Sound Absorption

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.03	0.23	0.53	0.65	0.80	0.87	0.55	0.55

## Sabins per Array

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	3.53	25.34	56.78	70.47	86.29	94.38



Acoustic data is measured in Array-NRC per Ace Baffle (48") at 6 units, one row, units spaced 24" apart. For more information, see the [full acoustic test](#).

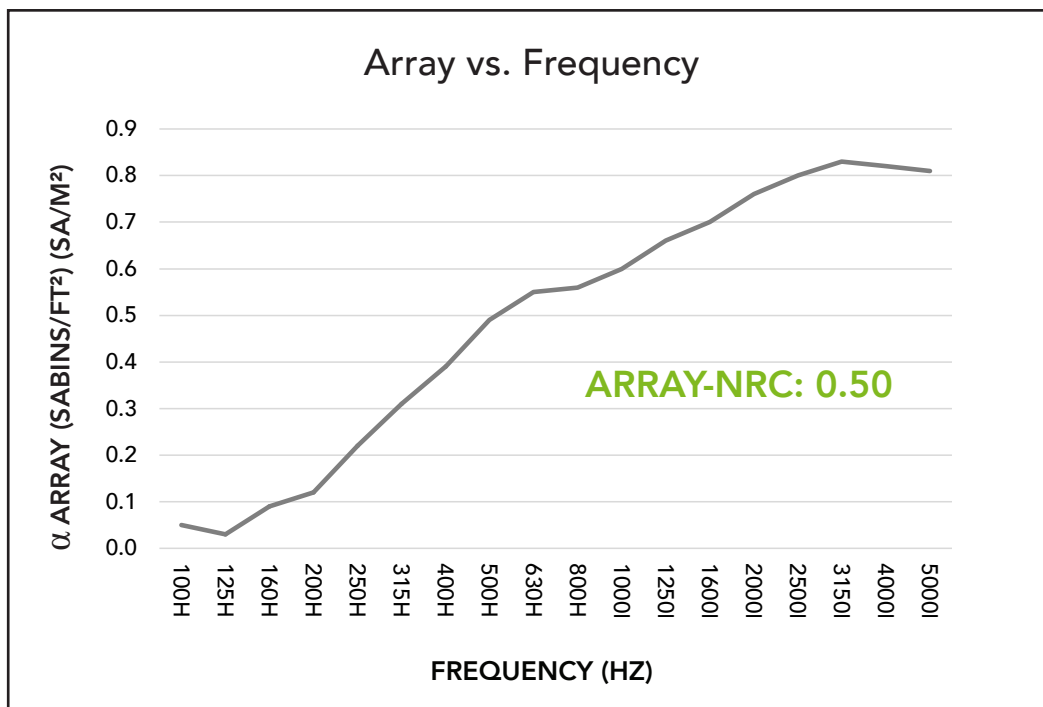
# Acoustic Data - Ace Baffle (48")

## Sound Absorption

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	Array-NRC	Array-SAA
$\alpha$ array (Sabins/ft <sup>2</sup> ) (SA/m <sup>2</sup> )	0.03	0.22	0.49	0.60	0.76	0.82	0.50	0.51

## Sabins per Array

Frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Sabins	3.02	26.06	58.30	71.76	91.15	97.95



Acoustic data is measured in Array-NRC per Ace Baffle (48") at 12 units, two row, units in each row spaced 24" apart. For more information, see the [full acoustic test](#).

# Available Colors



Color variation between dye lots is a natural characteristic of recycled PET felt due to the manufacturing process. Slight differences between samples and finished product may occur.

# Installation

Ace Baffles have two attachment points and come with Griplock hardware. To install Ace Baffles, attach the specified ceiling mounting hardware and suspension cable/chain/rod/etc. with the appropriate connector at the bottom end. Once the ceiling hardware is installed, attach the connector to the supplied attachment hardware on the Ace Baffle. For instructions on how to install baffles in a variety of ways, see the [Ace Baffles Installation Guide](#).

*Note: Kirei does not provide ceiling mounting hardware or cable/chain/rod.*



Griplock Mounting Hardware

## Custom Printing with Kirei Ink

Ace Baffles can be custom printed in house with Kirei Ink. We would love to work with you to print your own custom color, pattern, graphic or material. Reach out and our team will be ready to assist!

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Product shown: Ace Baffles in Navy



Product shown: Ace Baffles in Navy



Product shown: Ace Baffles in Navy and Vanilla with Kirei Ink (Pine)

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