



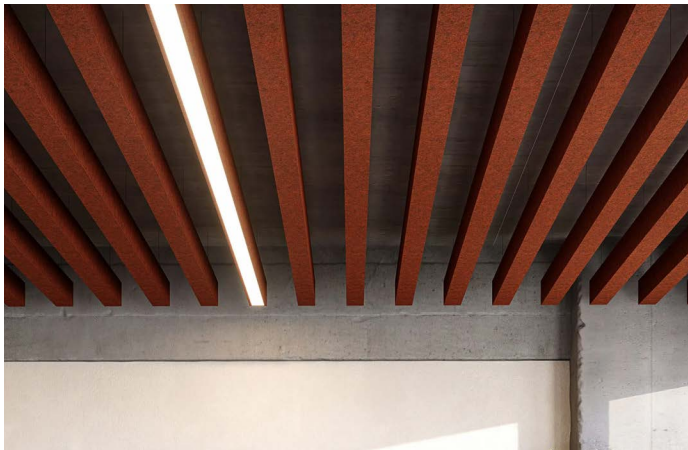
Truss LED Ceiling Baffles

Premier Collection

Popular Truss Ceiling Baffles with integrated LED lighting produce a lean, aerodynamic look. Diffused LED lighting channels embedded in sound absorbing baffles reduce noise while efficiently illuminating the space. Acoufelt's advanced manufacturing technology gives you the latitude to specify a standard lighting option or embed your own lighting components.

Specifications

Surface	Ceiling
Material	FilaSorb™ polyester felt
Weight	0.49 lb./ft ² (±10%)
Standard Sizes	Height: 3" up to 20" H (1" increments) Width: 3" up to 12" W (1" increments) Length: 12" up to 108" L (6" increments), 110" L <i>See page 4 for more details. Custom sizes available</i>



Truss LED Ceiling Baffles in Peppercorn

Technical

NRC Rating	1.65*
Fire Test	ASTM E84, Class A CAN/ULC-S102 Flame spread index: 15 Smoke developed index: 200
Water Sorption	ASTM C1104-2019 (A Modified) Water sorbed by weight: 0.20% (based on a 12mm thick panel)
Colorfastness	ISO 105-B02, 6-7

* Test results available upon request

Details

Lead Time	3 - 6 weeks
Origin	Manufactured and assembled in the US
Warranty	Product: 20 years* Colorfastness: 20 years*

* Conditions apply

Environmental

Recycled Content	Minimum 60%
Energy	Generated using 40% solar energy
Indoor Air Quality	VOC less than/equal to 0.5mg/m ³
Recyclable	100%*
Certifications	Environmental Product Declaration Declare Certification - LBC Red List Free (third-party verified) SCS Global Indoor Advantage Gold

* PET is recyclable through participating partners



For questions or additional product information, visit [acoufelt.com](https://www.acoufelt.com) or call **800.966.8557**.

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Colorways

PREMIER



White
WH12



Milkyway
MI74



Ivory
IV11



Pearl
PE21



Valentine
VA70



Quartz
QU67



Stonewash
ST72



Sea Salt
SE57



Platinum
PL04



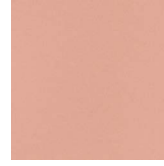
Almond
AL55



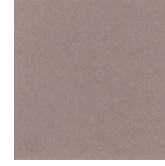
Pistachio
PI25



Turmeric
TU60



Flamingo
FL61



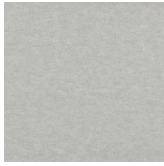
Amethyst
AM69



Periwinkle
PE23



Peacock
PE20



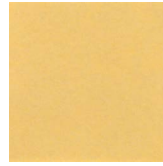
Metal
ME03



Mushroom
MU75



Celery
CE65



Wheat
WH68



Peach
PE19



Lilac
LI13



Marine
MA15



Sencha
SE58



Grey
GR02



Umber
UM54



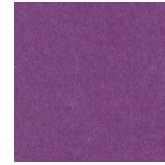
Wasabi
WA29



Popcorn
PO26



Currant
CU59



Berry
BE06



Azure
AZ05



Oregano
OR18



Charcoal
CH01



Walnut
WA56



Eucalyptus
EU71



Carrot
CA08



Loganberry
LO77



Granite
GR62



Denim
DE09



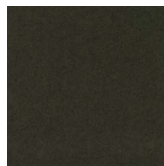
Kale
KA12



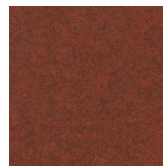
Piano Black
PI24



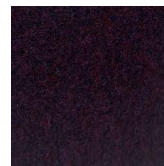
Slate
SL27



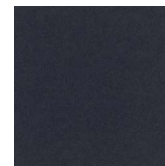
Nori
NO76



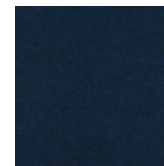
Peppercorn
PE22



Shiraz
SH63



Flint
FL64



Midnight
MI16

Order samples at acoufelt.com/colorways



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visit acoufelt.com or call 800.966.8557.

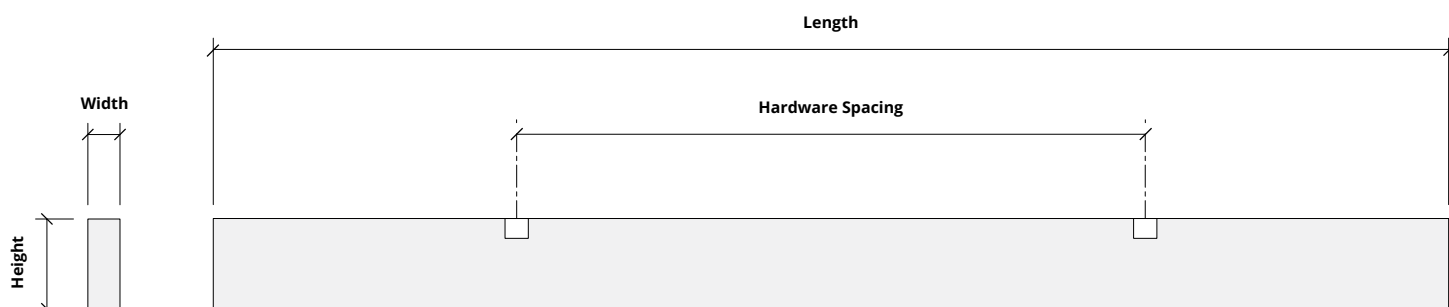
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Sizes

Standard Sizes Height: 3" up to 20" H (1" increments)
 Width: 3" up to 12" W (1" increments)
 Length: 12" up to 108" L (6" increments), 110" L
Custom sizes available

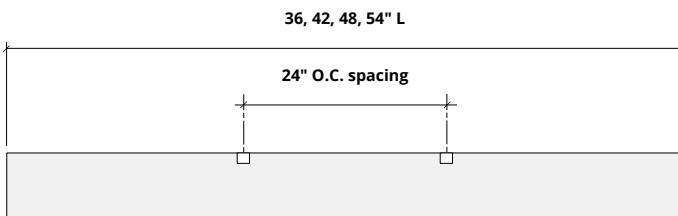
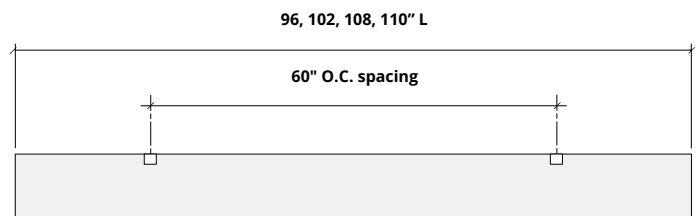
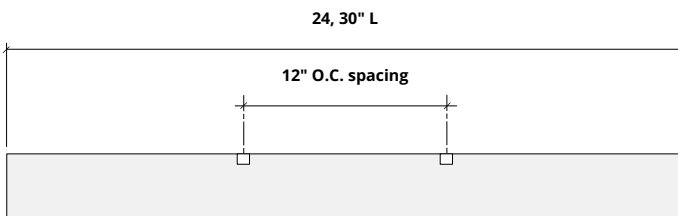
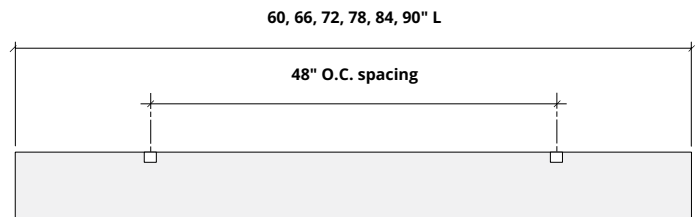
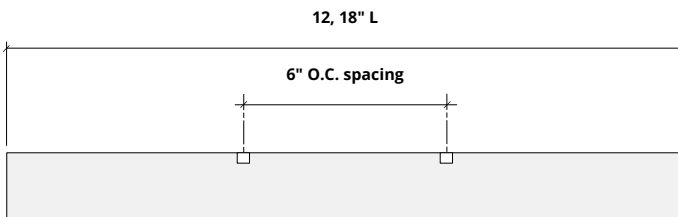
	3"H	4"H	5"H	6"H	7"H	8"H	9"H	10"H	11"H	12"H	13"H	14"H	15"H	16"H	17"H	18"H	19"H	20"H
3"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
4"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
5"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
6"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
7"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
8"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
9"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
10"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
11"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
12"W	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard

 Standard sizes



Hardware Spacing

12, 18" L	6" on center spacing
24, 30" L	12" on center spacing
36, 42, 48, 54" L	24" on center spacing
60, 66, 72, 78, 84, 90" L	48" on center spacing
96, 102, 108, 110" L	60" on center spacing



How to Specify

1. Choose Height

2. Choose Width

3. Choose Length

4. Choose Colorways

5. Choose Lighting

Select height based on desired design: 3" up to 20" H (1" increments)

1. Choose Height

2. Choose Width

3. Choose Length

4. Choose Colorways

5. Choose Lighting

Select width: 2" 4", 6", 8", 10" or 12" W.

1. Choose Height

2. Choose Width

3. Choose Length

4. Choose Colorways

5. Choose Lighting

Truss baffles come in the standard lengths of: 12", 18", 24", 30", 36", 42", 48", 54", 60", 66", 72", 78", 84", 90", 96", 102", 108, 110" L.

1. Choose Height

2. Choose Width

3. Choose Length

4. Choose Colorways

5. Choose Lighting

See colorway choices on page 3.

1. Choose Height

2. Choose Width

3. Choose Length

4. Choose Colorways

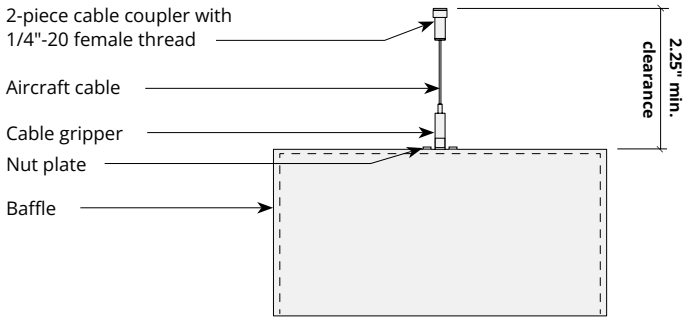
5. Choose Lighting

Select lumen output and color temperature:

- LED output: 600 lm/ft or 1000 lm/ft
- CCT: 3000K, 3500K or 4000K
- CRI: 90+

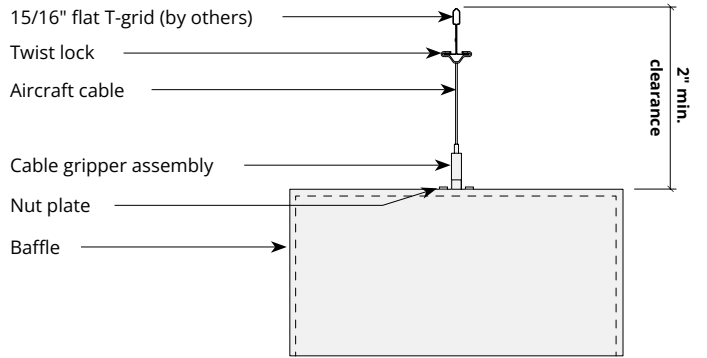
Mounting Methods

Cable to deck



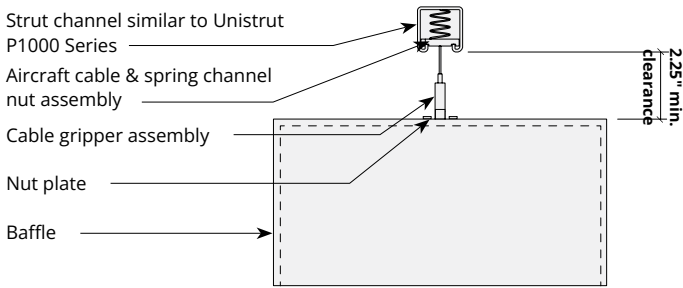
Hardware Kits:
 HK1006 - 48" Cable
 HK1010 - 120" Cable

Cable to T-grid



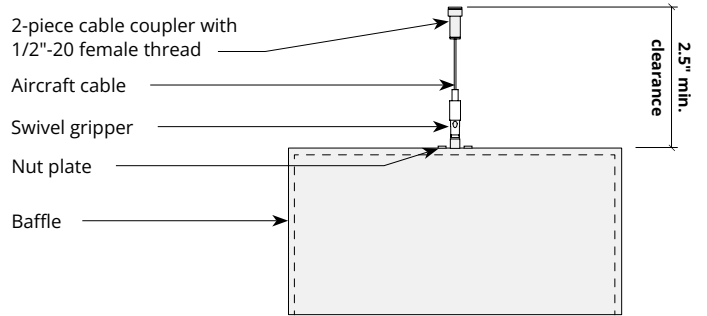
Hardware Kits:
 HK1008 - 48" Cable
 HK1012 - 120" Cable

Cable to strut channel



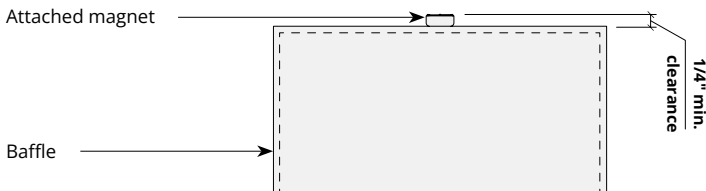
Hardware Kits:
 HK1009 - 48" Cable
 HK1013 - 120" Cable

Swivel cable to deck



Hardware Kits:
 HK1007 - 48" Cable
 HK1011 - 120" Cable

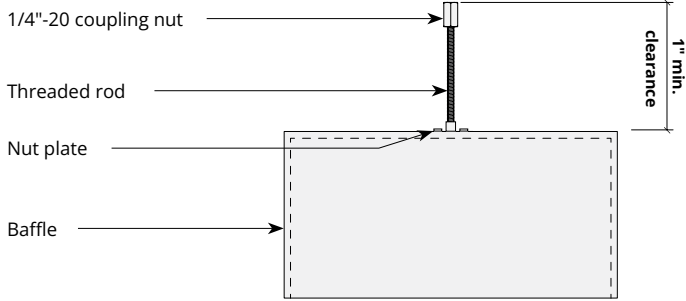
Magnet



Hardware Kits:
 HK1279

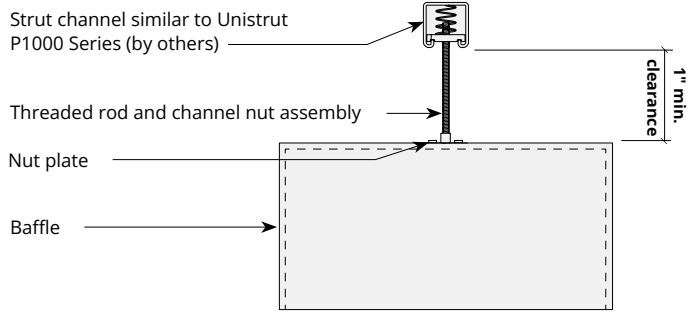
Mounting Methods cont'd.

Threaded rod



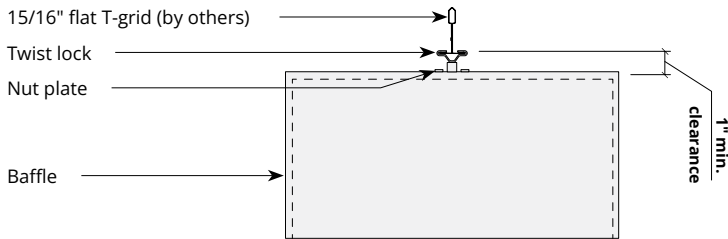
Hardware Kits:
HK1014 - 24" Cable
HK1015 - 48" Cable

Threaded rod to strut channel



Hardware Kits:
HK1277 - 24" Cable
HK1278 - 48" Cable

Twist lock to T-grid



Hardware Kits:
HK1017

Acoustic Performance

Test Method	ASTM E795-16
Install Method	J-600
Rating Method	ASTM C423-17
Mounting Method	Sample tested 5 baffles 110" L x 12" D x 3" thickness, hanging 600mm from floor and 152mm from each other
Test Results	NRC 1.65 SAA 1.68




Frequency f (Hz)	125	250	500	1000	2000	4000	NRC
3" Truss Baffle	0.26	0.86	1.25	2.02	2.49	2.49	1.65

What is a Noise Reduction Coefficient (NRC)?

You'll find the NRC rating in the specifications of all of our products. This acronym stands for Noise Reduction Coefficient, and is expressed as a single number, a rating that describes the degree to which acoustic products can absorb sound.

You can use NRC values to understand the overall performance of our acoustic wall and ceiling products. The higher the NRC, the better the product is at soaking up the sound.

Performance Indices: Noise Reduction Coefficient (NRC) results represent the absorption coefficients measured at the one third octave bands at 125, 250, 500, 1000, 2000 and 4000 Hz rounded to the nearest 0.05. Acoustic testing has been performed according to the methods mentioned above. Customization of installation of the product could alter the results. Sound Absorption Average (SAA) indicates the absorption coefficient average for the twelve one-third octave bands ranging between 200 and 2500 Hz.

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