

Cargo LED Baffles

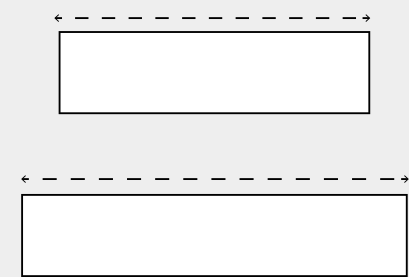




Our classic baffle now
brightens up your space along
with dampening noise in
modest fashion. Include Cargo
LED in a cloud of Cargo Baffles
to tackle the trickiest of lighting
and acoustic settings.

How to Specify

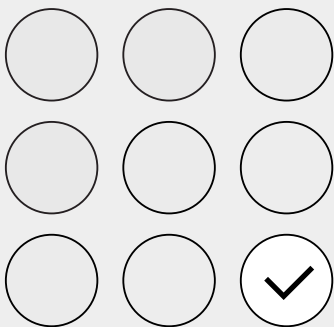
Step by step instructions on how to specify Cargo LED Baffles.



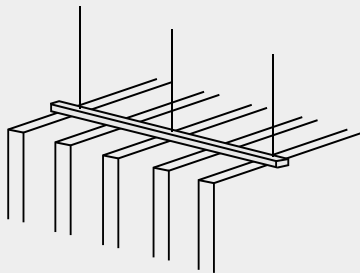
01
Choose baffle length.
(pg 03)



02
Choose lighting colour temperature.
(pg 04)



03
Choose baffle colour.
(pg 05-06)



04
Choose installation method.
(pg 07)

Dimensions

Standard Dimensions (mm)

610 L (min.) x 305 H

2440 L (max.) x 305 H

(Size variations come in 305 mm increments due to LED lengths)

Standard Thicknesses (mm)

60, 75

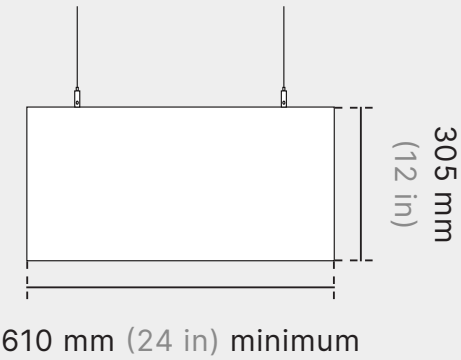
Edge Detail



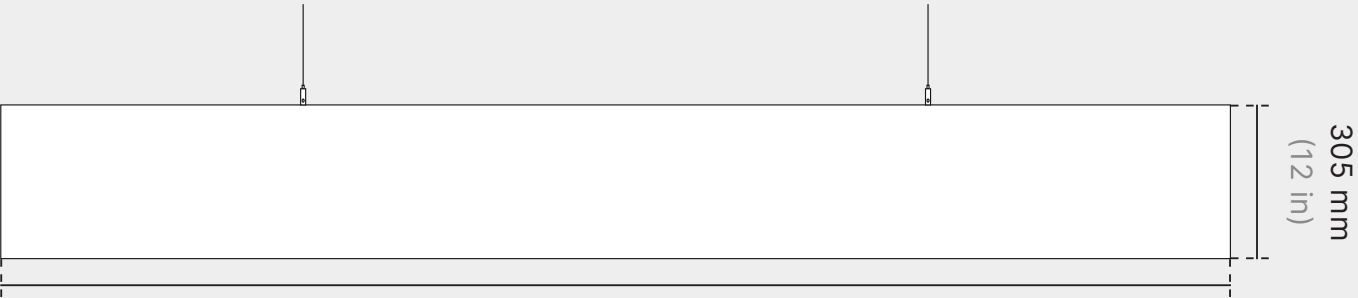
Box Edge

Customization

Length and Height can be customized to fit your space.



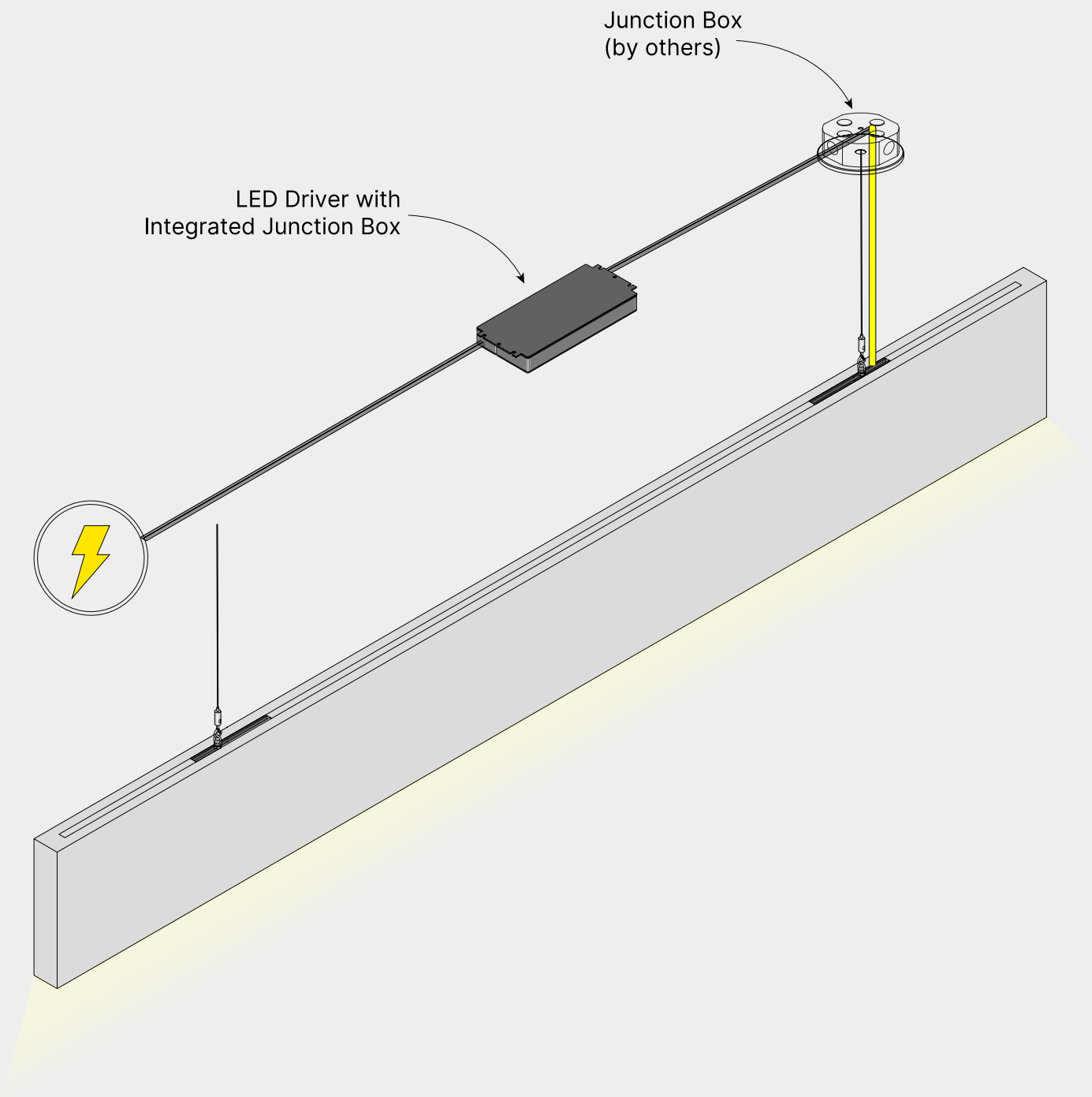
610 mm (24 in) minimum



2440 mm (96.1 in) maximum

Luminaire Specifications

Voltage	
Universal 120-277 VAC	
Direct Output & Wattage	
550 lm/ft	6.6 W/ft
850 lm/ft	12.6 W/ft
(Based on 3500 K luminaire)	
Colour Rendering Index (CRI)	
80+	
Correlated Colour Temperature (CCT)	
3000 K, 3500 K, 4000 K	
Nominal Length	
2 ft, 3 ft, 4 ft, 5 ft, 6 ft, 7 ft, 8 ft	
Dimming	
TRIAC, 0-10 V	
Safety	
UL 1598 approved	

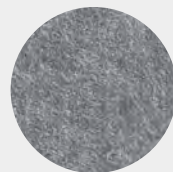
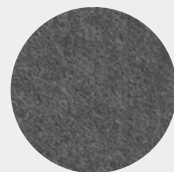
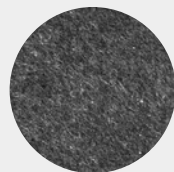
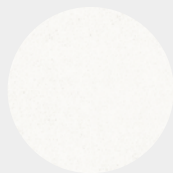
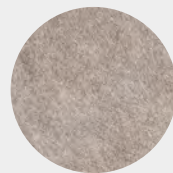
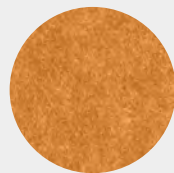
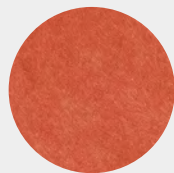
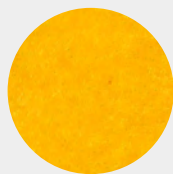
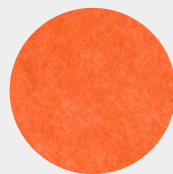
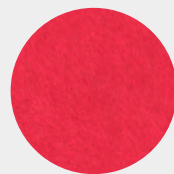
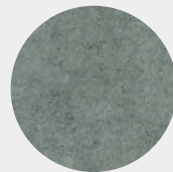
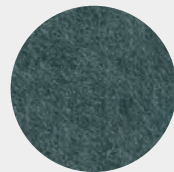
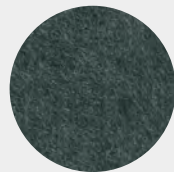
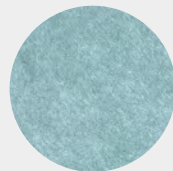
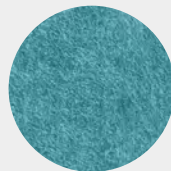
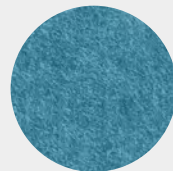


Standard Colours

Choose from any one of our standard colours.

Don't see something you love? Ask us about creating your own custom colour.

* Available in 12 / 24 mm only.
All other colours available in 9, 12, 18, and 24 mm.

CARGO LED				BAFFLES		AKUSTUS.COM	
							
Pure White SP 07	Urban Grey SP 79	Pumice SP 11	Warm Grey SP 76	Cool Grey SP 36	Mid Grey SP 37	Graphite SP 03	Black SP 13
							
Ivory SP 77	Almond SP 91	Beige SP 04	Sandstone SP 12	Taupe Grey SP 90	Castlerock* SP 80	Yam SP 28	Tangerine* SP 92
							
Sunflower SP 05	Mustard* SP 87	Orange SP 46	Scarlet* SP 93	Blush Pink SP 81	Red SP 08	Plum SP 72	Purple SP 50
							
Pistachio* SP 95	Chartreuse SP 43	Olive* SP 88	Moss* SP 89	Desert Sage SP 78	Peacock SP 82	Ocean Green* SP 86	Forest Green SP 17
							
Aquamarine SP 73	Pale Teal SP 74	Lagoon* SP 84	Dark Turquoise SP 71	Azure* SP 85	Jordy Blue* SP 94	Sky Blue SP 25	Navy SP 01
							
Krypton SP 30	Deep Sea Blue* SP 83	Midnight Blue SP 19					

Textures

Create a natural look and feel with printed textures.



White Oak



Silver Oak



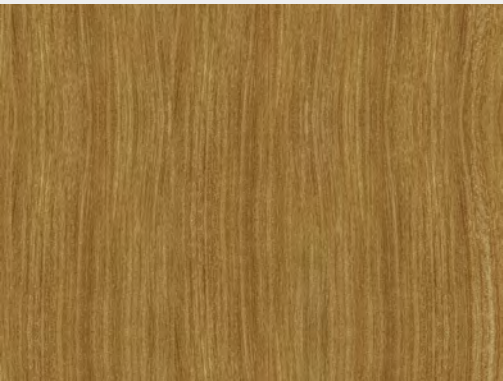
Greige Oak



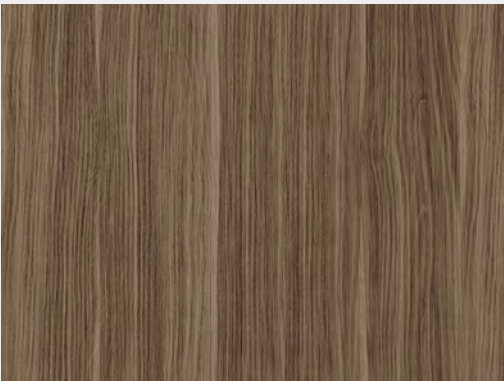
Ebony Oak



Cafe Oak



Golden Oak



Teak



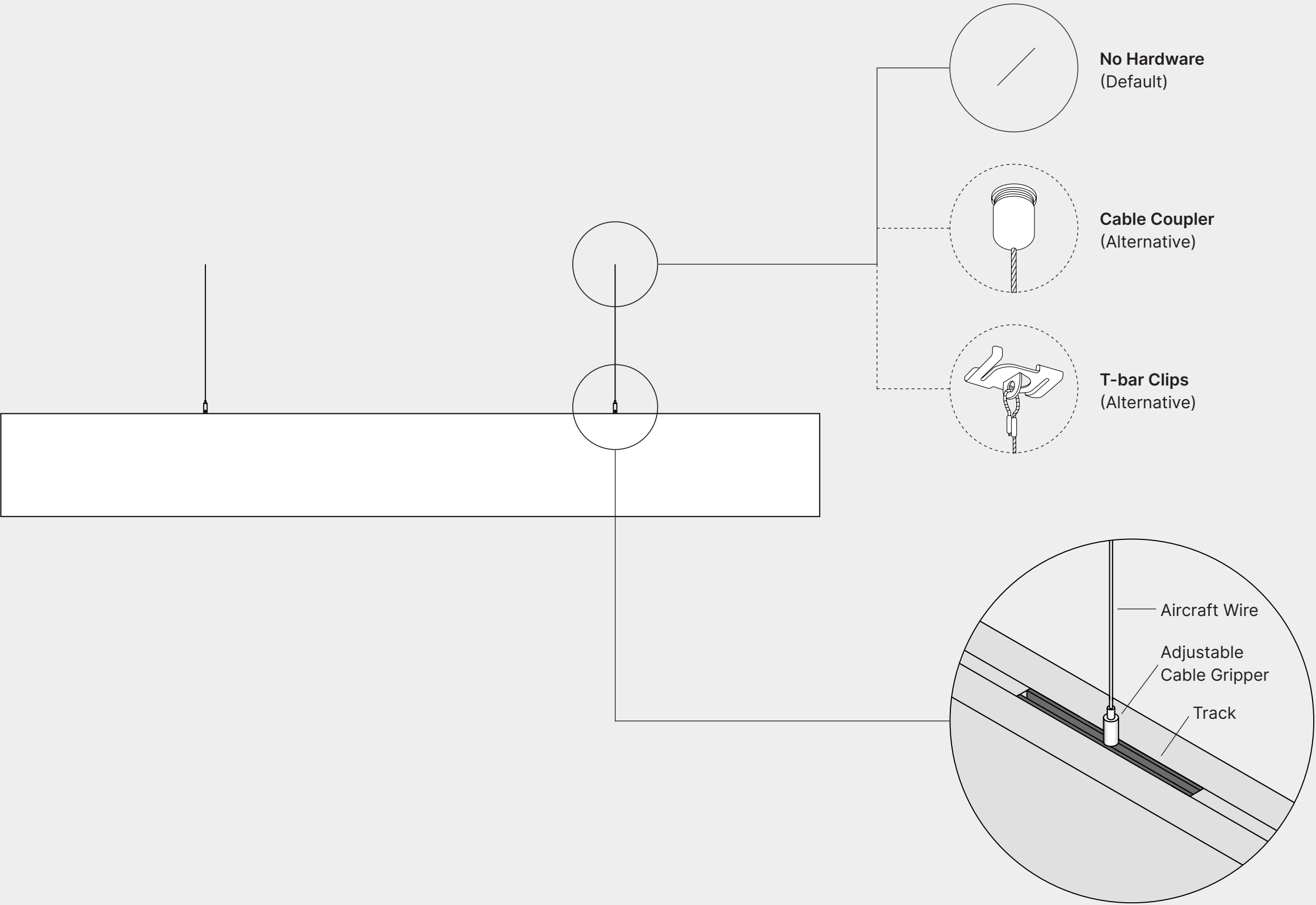
Walnut

Have something you want to print? Talk to us about printing a custom texture, design or image.

Installation

Individual Baffle Suspension Kit

Each baffle is suspended by its own set of aircraft wires.



Product Specifications

Cargo LED Baffles

Composition

100% polyester fibre

Health & Safety

- Fire-rated
 - ASTM E84 Class A
 - CAN/ULC-S102.2-10 compliant
- Low VOCs
 - CDPH v1.2 compliant
- Mould & mildew resistant
 - ASTM C1338 compliant

Colour & Texture Variations

The felting and dyeing process that forms the material contributes to its unique texture but also to variations in texture and colour from panel to panel. Products will be provided within an acceptable range of variation.

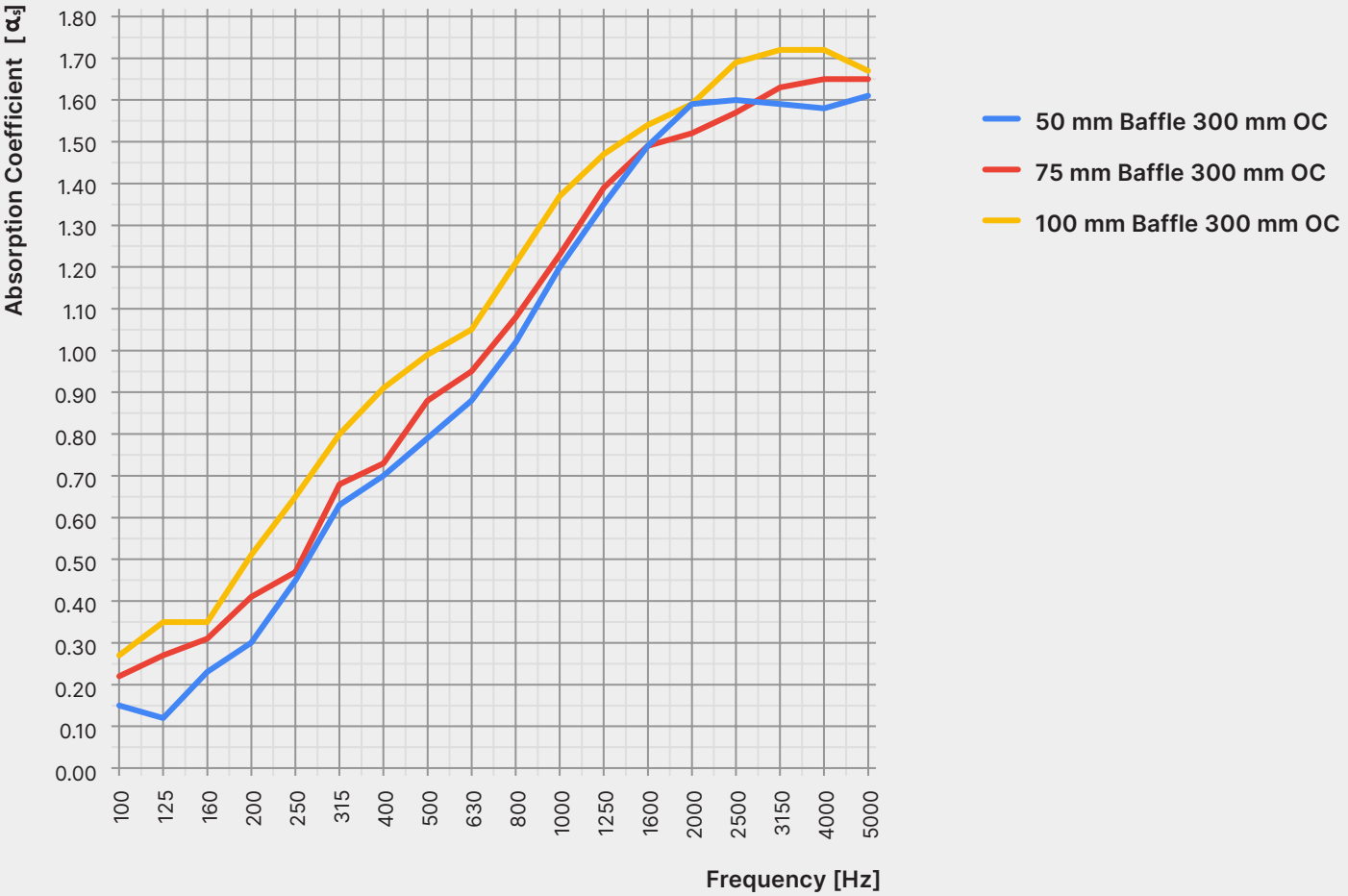
Sustainability

- 100% recyclable
- Made with 60% post consumer recycled content
- Declare Red List free
- Contributes to LEED certification
- Environmental Product Declaration



Sound Absorption Graph

The following values reflect the acoustic properties of the product as tested in accordance with ASTM C423-09a.



	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	NRC	SAA
50 mm Baffle 300 mm OC	0.30	0.45	0.63	0.70	0.79	0.88	1.02	1.20	1.35	1.49	1.59	1.60	1.00	1.00
75 mm Baffle 300 mm OC	0.41	0.47	0.68	0.73	0.88	0.95	1.08	1.23	1.39	1.49	1.52	1.57	1.05	1.03
100 mm Baffle 300 mm OC	0.51	0.65	0.80	0.91	0.99	1.05	1.21	1.37	1.47	1.54	1.59	1.69	1.15	1.15

Product Care

Handling & Storage

Handle products with care so as to avoid folding the polyester felt, chipping its edges, or indenting its faces. Store products in their original containers in a well-ventilated area until the intended application environment is ready for installation. Allow products to acclimatize to environmental conditions. Lay them flat on their faces; do not stand them on their edges. Protect from moisture, heat, direct sunlight, and the elements.

Warranty

AKUSTUS warrants the construction and finish of all our products to be free from defects in material and workmanship for a period of 1 year from the date of purchase.



Maintenance

Lightly brush or gently vacuum to remove dust from polyester felt. Clean with warm water and mild, non-toxic soap to remove spills. Test solution on an inconspicuous spot before applying to more visible areas. Blot with a dry cloth after applying the solution to avoid saturating the material. Avoid applying too much pressure when cleaning the products.

CARGO LED

BAFFLES

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