

DESIGN AND SPECIFICATIONS

Use of the Product

Ecophon Solo panels are a high performance sound absorber, capable of being used as the primary acoustic solution when a traditional acoustic ceiling is neither feasible nor aesthetically desirable. Ecophon Solo is a unique free-hanging unit offering a myriad of design possibilities which can be achieved through various color and suspension options.

Size Availability

1040mm x 1200mm (≈ 40.9375" x 47.25")
Thickness: 40mm (≈ 1.5")

Surfaces

Ecophon Solo panels are manufactured from high-density fiberglass, boasting an industry-high recycled content [70% post-consumer]. The surface itself consists of the Akutex™ FT finish, which is highly light reflective [85%] and has exceptional light diffusion [+99%]. The Akutex™ FT finish covers both sides of the panel.

Accessibility

The panels are easily demountable.

Influence of Climate

Install in conditions that do not exceed 70% relative humidity and 77-degrees Fahrenheit

Edge Detail

The panels have square edges that are fully painted.

Attachment

There are two methods for attachment for the panels. The first is the use of adjustable wire hangers for variable elevations. The second is the use of adjustable brackets for applications close to the structure. Method of attachment to the structure of any accessory is provided by others.

Weight

1040mm x 1200mm x 40mm panels have an approximate weight of 8.2 lbs.

Handling

Use clean cotton gloves when handling product.

Cleaning

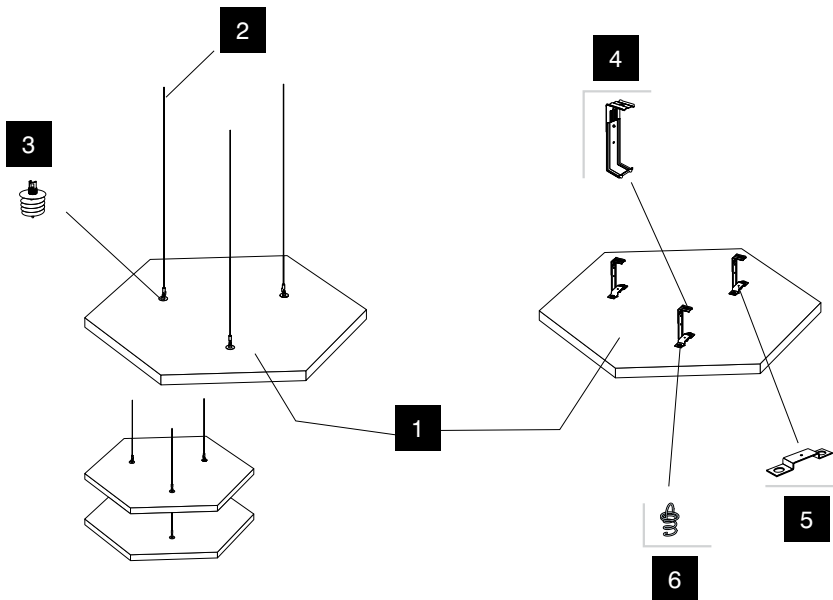
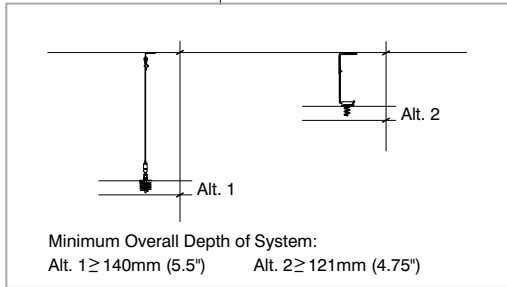
Daily dusting and vacuum cleaning. Weekly wet wiping.

Fire Performance

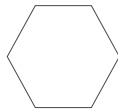
Panels have been tested according to ASTM E84 (Flame Spread ≤ 25) and ASTM E1263 (Smoke Development ≤ 50).

Installation for Ecophon® Solo™ Hexagon Ceiling Panels 1040mm x 1200mm (≈ 40.9375" x 47.25")

Read the entire manual before installing.



1 Ecophon Solo Hexagon
1040 x 1200mm (≈ 40.9375" x 47.25")



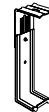
2 Connect adjustable wire hanger



3 Connect absorber anchor



4 Connect adjustable bracket



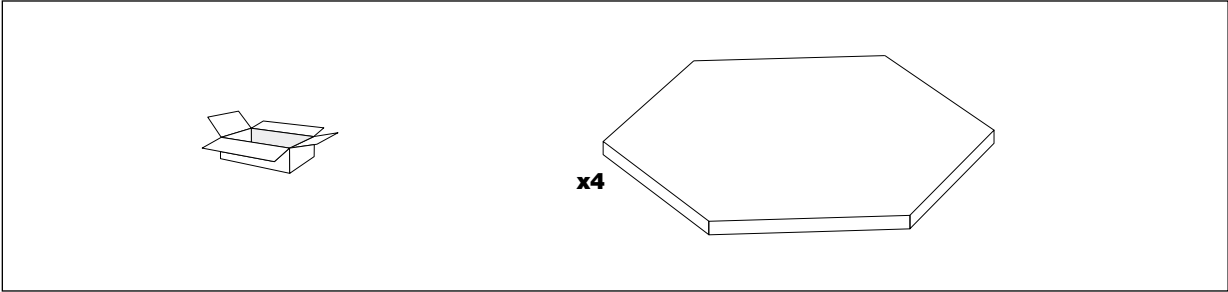
5 Connect fixing plate



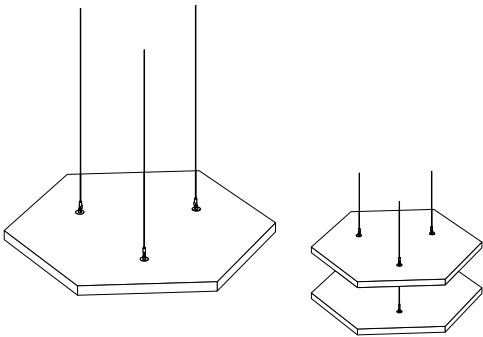
6 Connect spiral anchor flat



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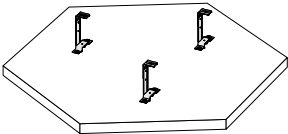


Alt. 1

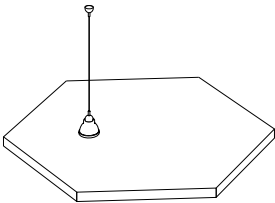


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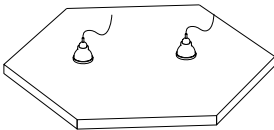
Alt. 2



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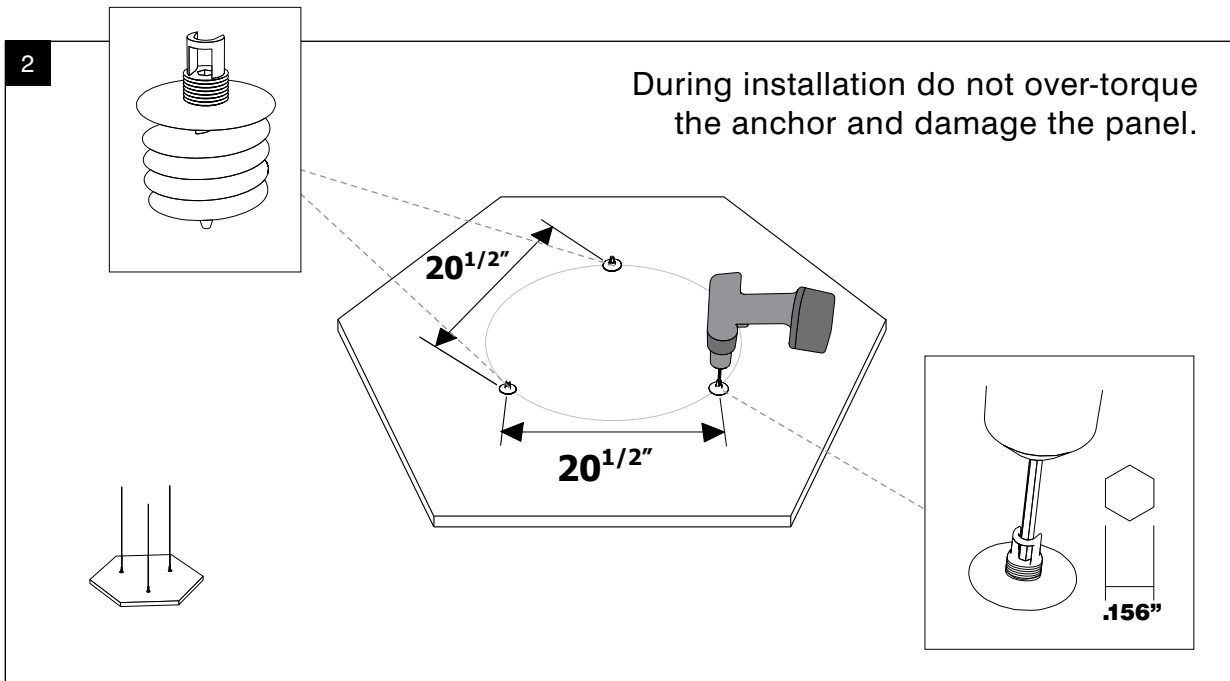
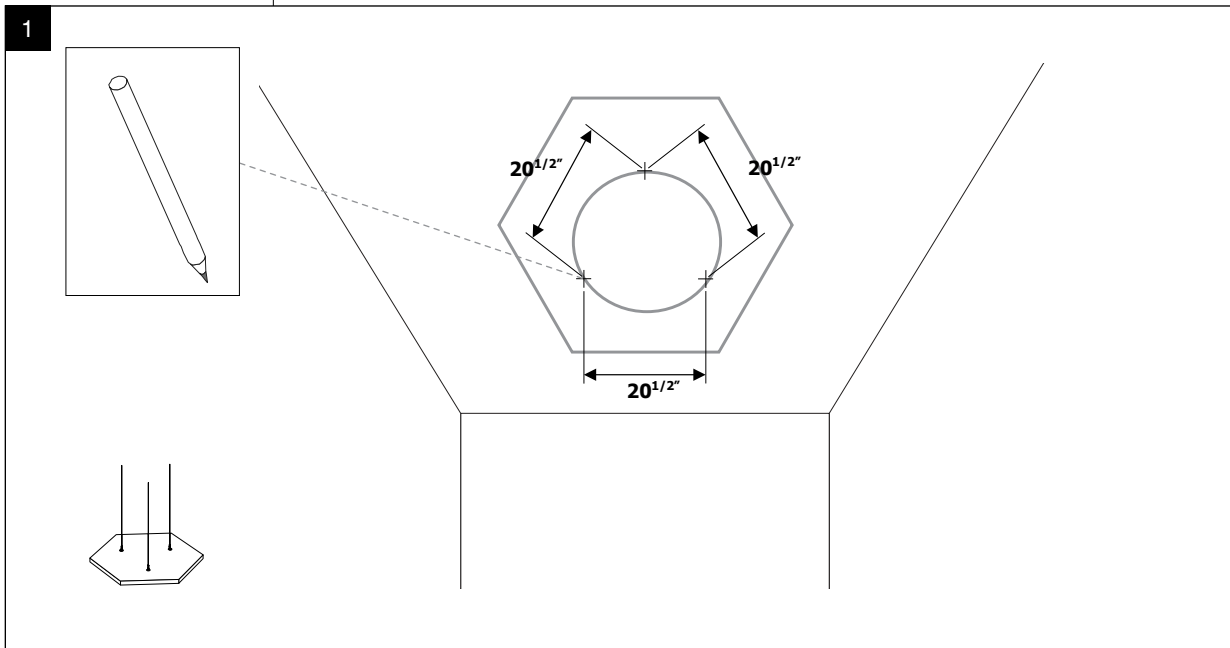
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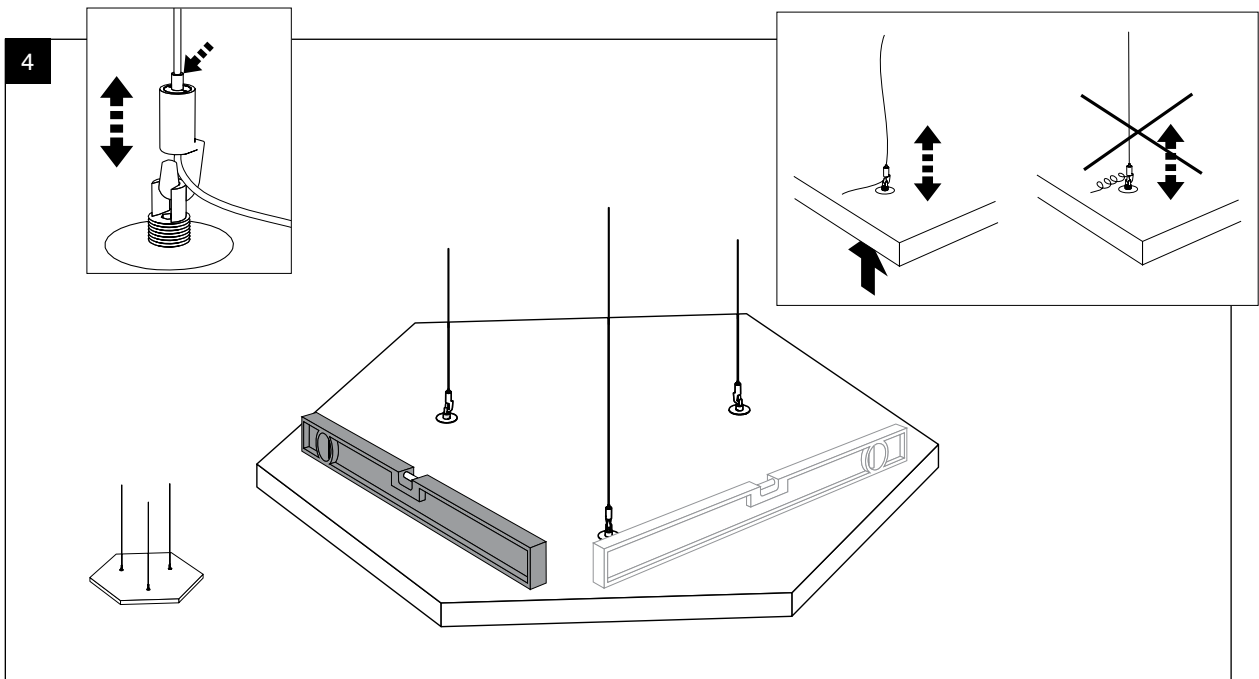
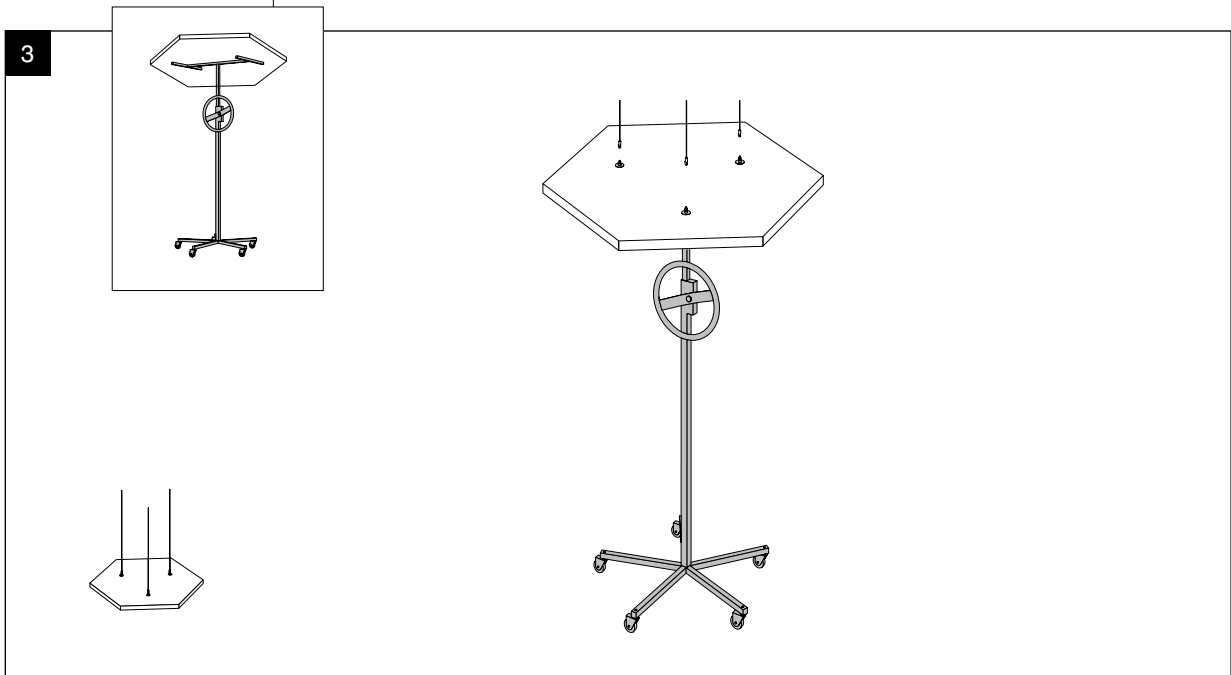
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Installation for Ecophon® Solo™ Hexagon Ceiling Panels— Connect Adjustable Wire Hanger Application

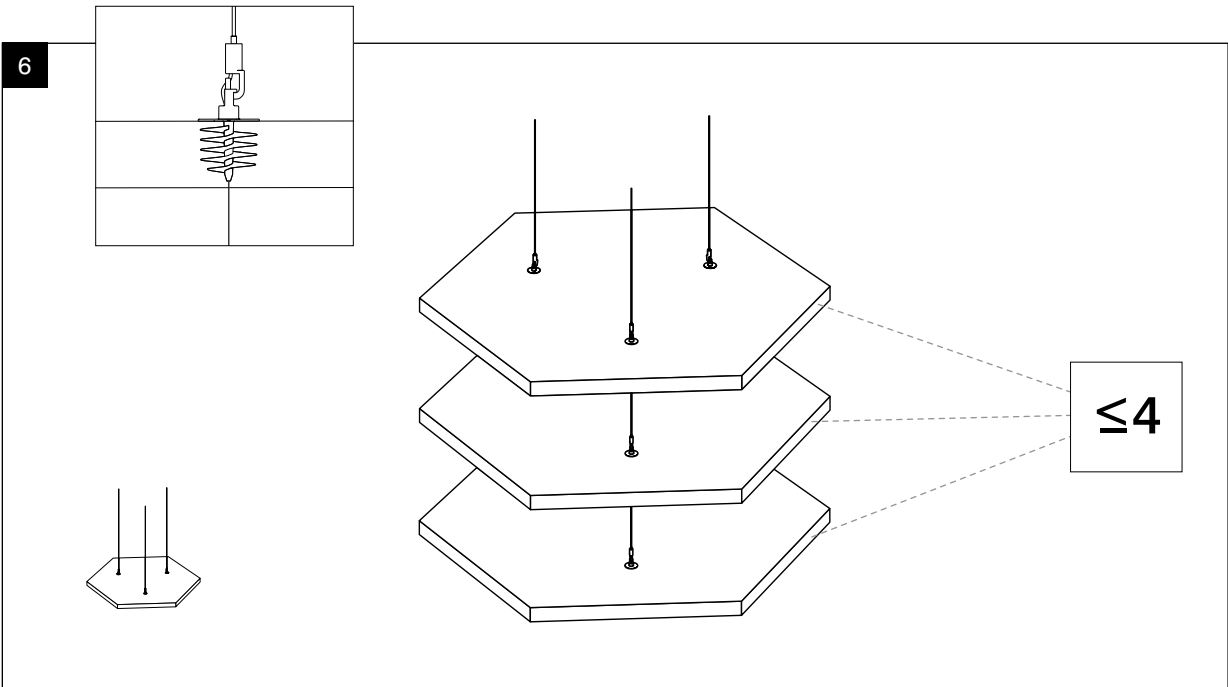
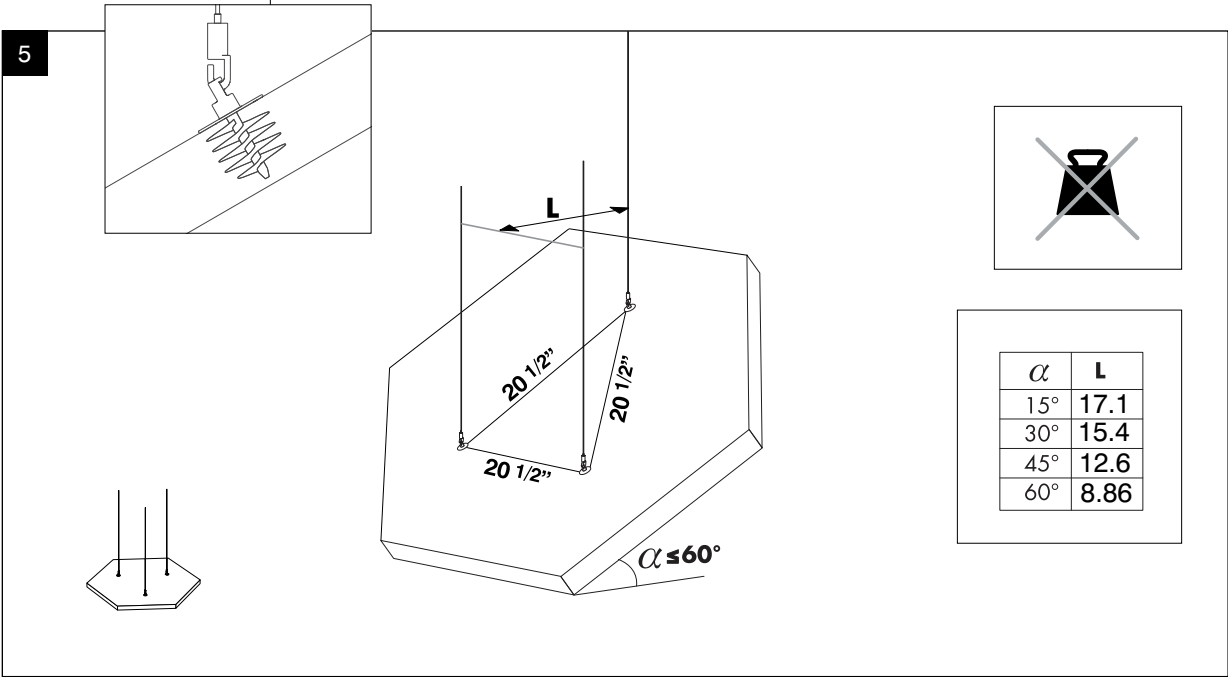
1040mm x 1200mm ($\approx 40.9375'' \times 47.25''$)



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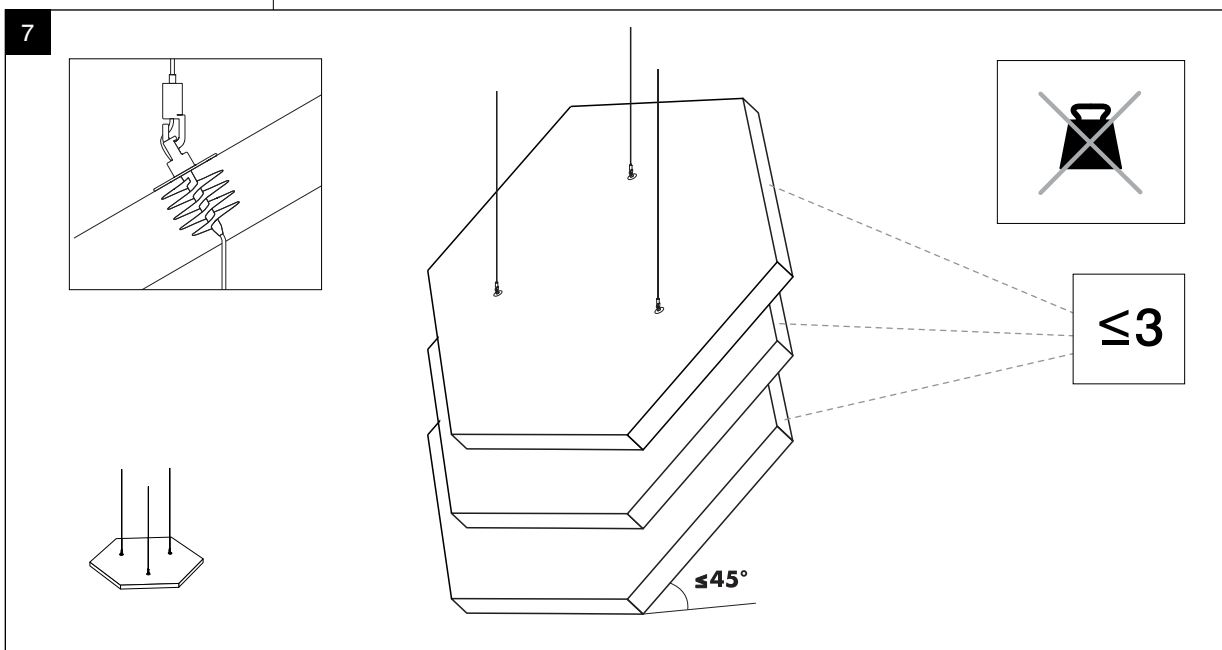


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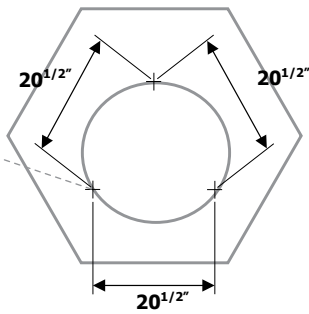
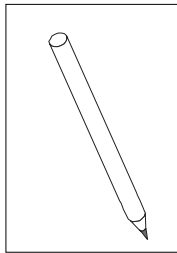
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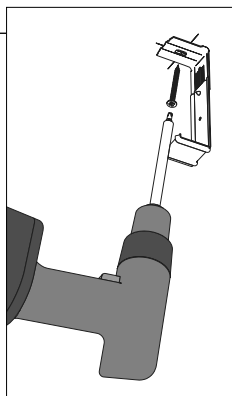
Installation for Ecophon® Solo™ Hexagon Ceiling Panels— Connect Adjustable Bracket Application

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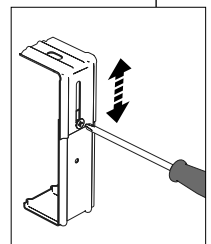
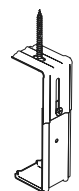
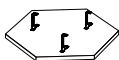
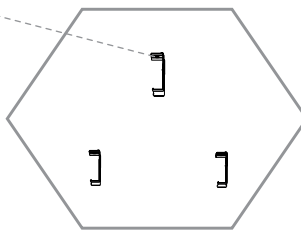
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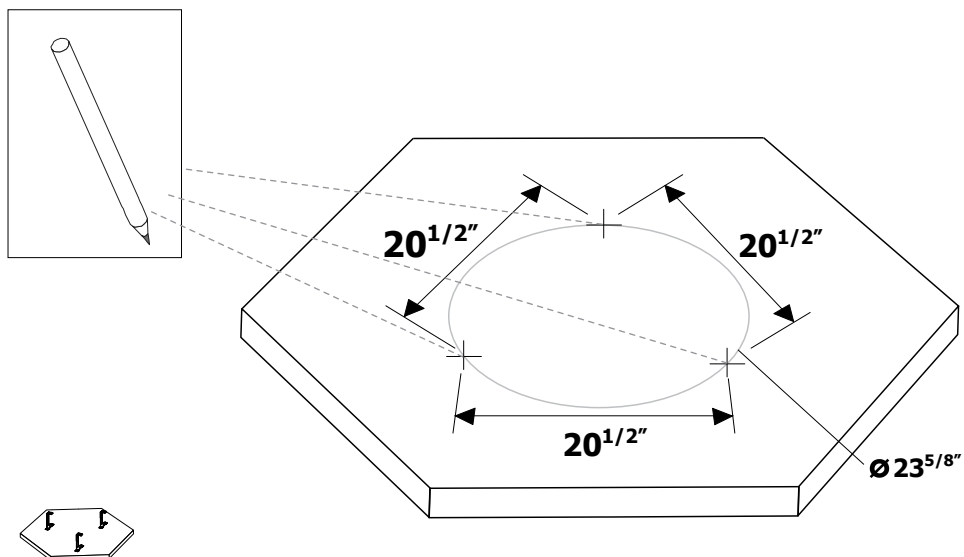
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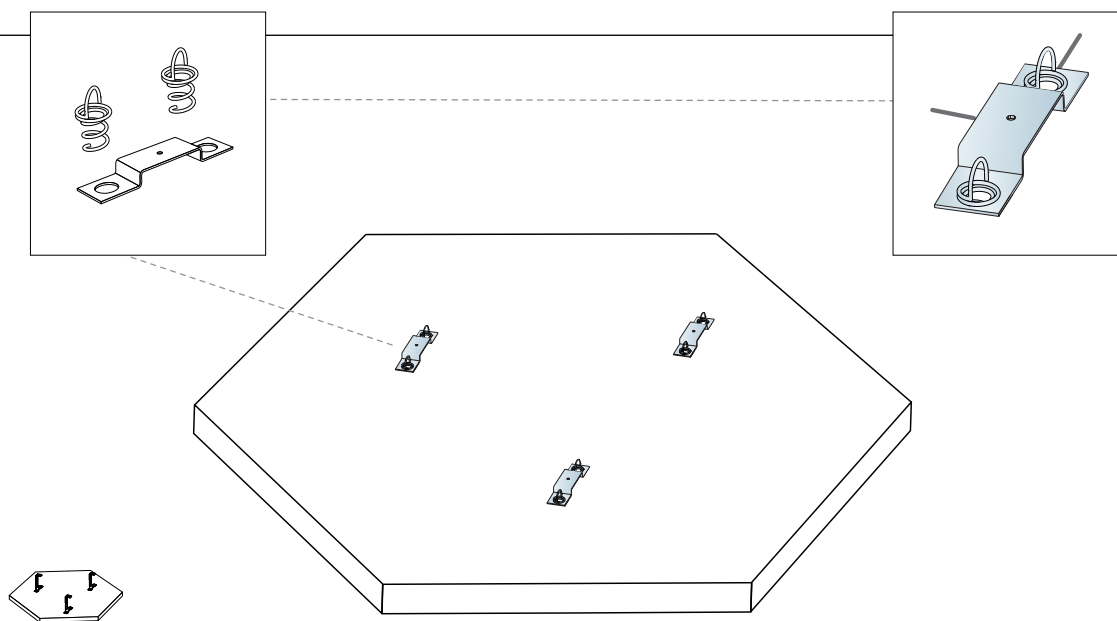
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10



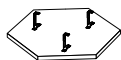
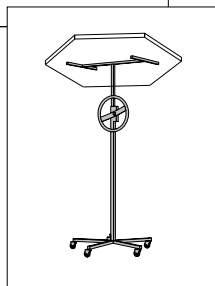
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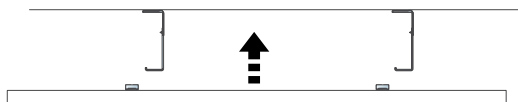
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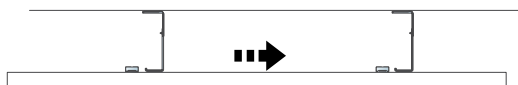
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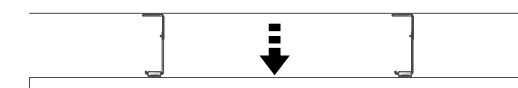
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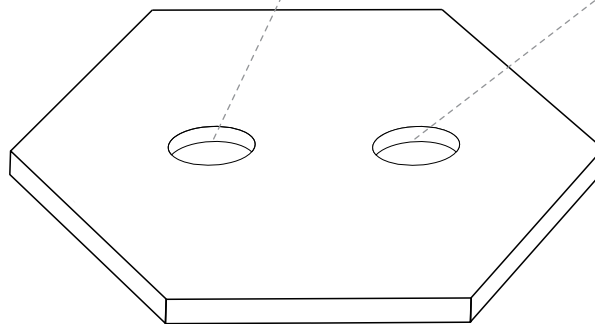
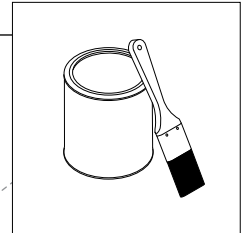
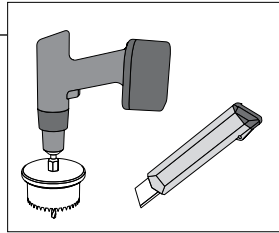
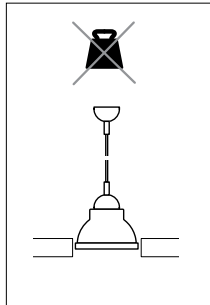
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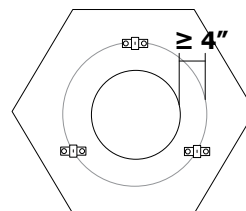
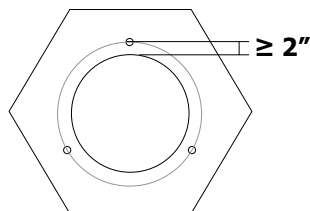
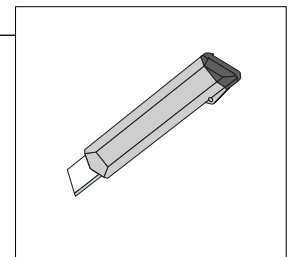
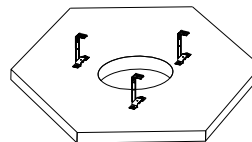
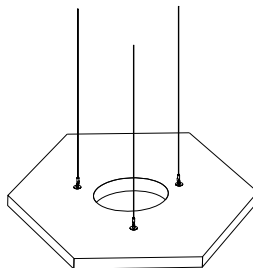
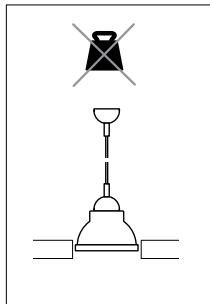
Installation for Ecophon® Solo™ Hexagon Ceiling Panels— Hole Placement Without Panel Support

1040mm x 1200mm ($\approx 40.9375'' \times 47.25''$)

13



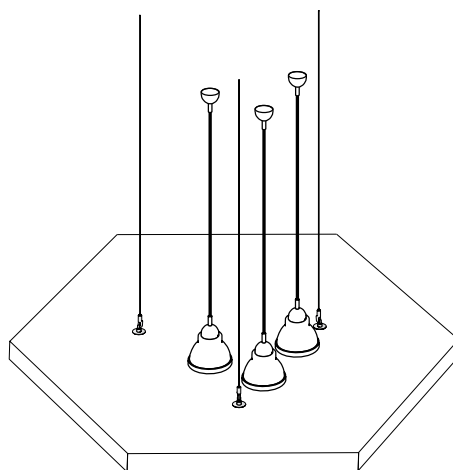
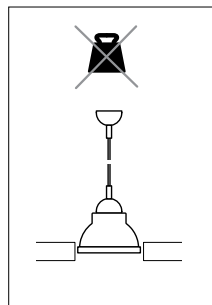
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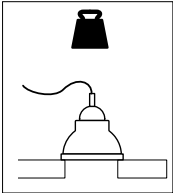
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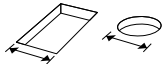
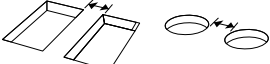
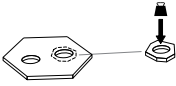
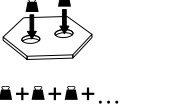
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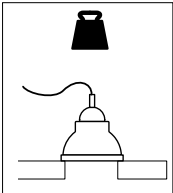
Installation for Ecophon® Solo™ Hexagon Ceiling Panels– Hole Placement With Panel Support 1040mm x 1200mm (≈ 40.9375" x 47.25")

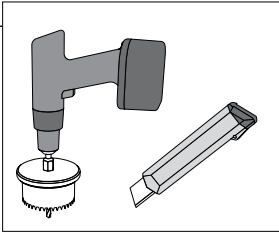
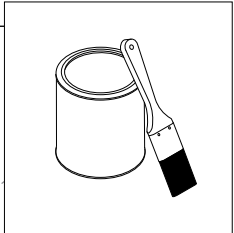
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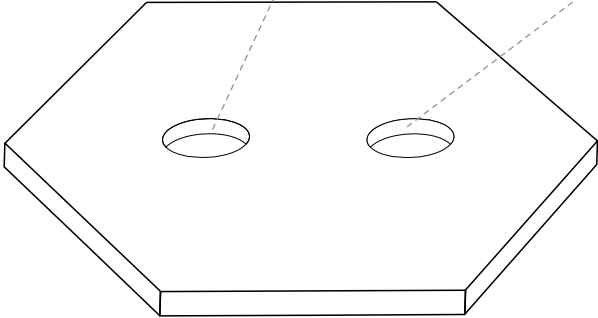


	If hole size is: less than 4" <div>↓</div>	If hole size is: less than 4-12" <div>↓</div>	If hole size is: less than 12-20" <div>↓</div>
	Then space between holes must be: at least 6" <div>↓</div>	Then space between holes must be: at least 6" <div>↓</div>	Then space between holes must be: <div>↓</div>
	And max weight per hole: 1 lbs or less <div>↓</div>	And max weight per hole: 3 lbs or less <div>↓</div>	And max weight per hole: 3 lbs or less <div>↓</div>
	Total weight across all holes in panel: 4 lbs or less <div>↓</div>	Total weight across all holes in panel: 4 lbs or less <div>↓</div>	Total weight across all holes in panel: 3 lbs or less <div>↓</div>

17



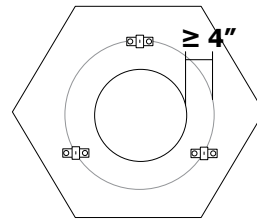
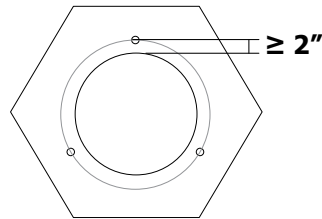
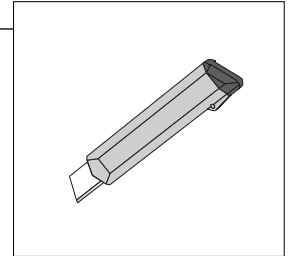
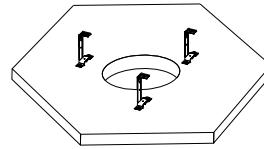
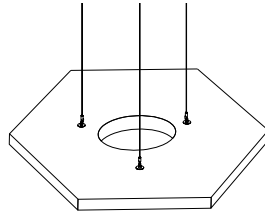
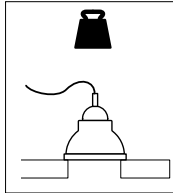





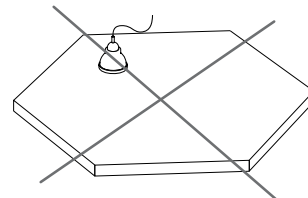
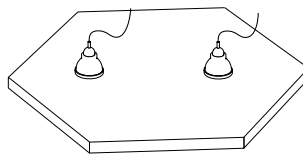
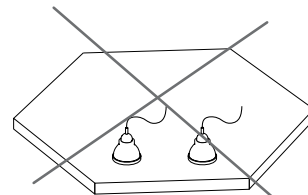
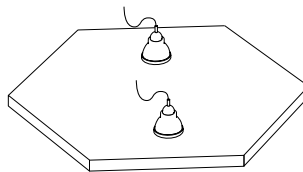
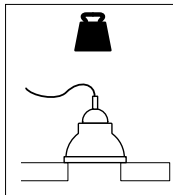
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