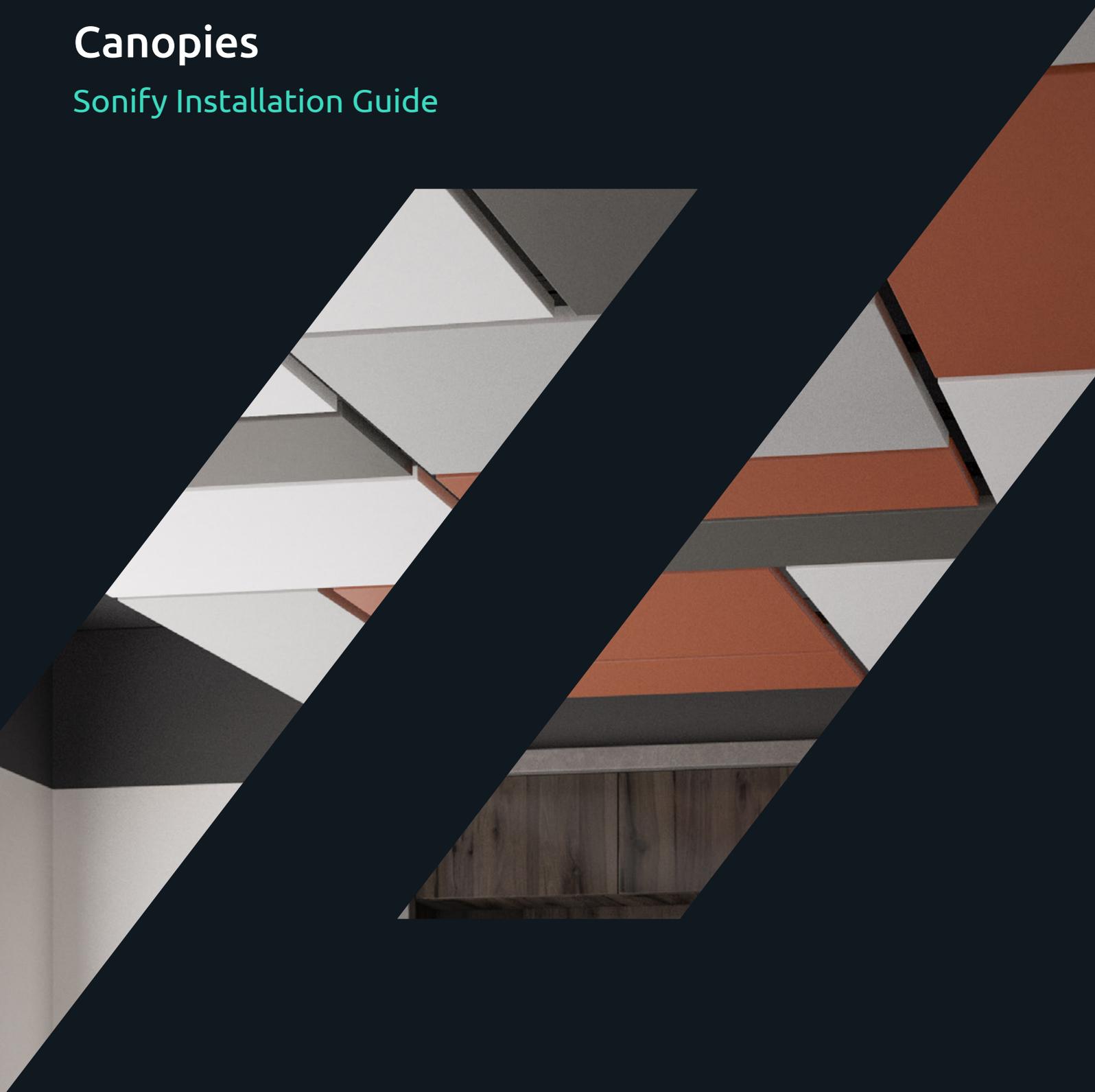
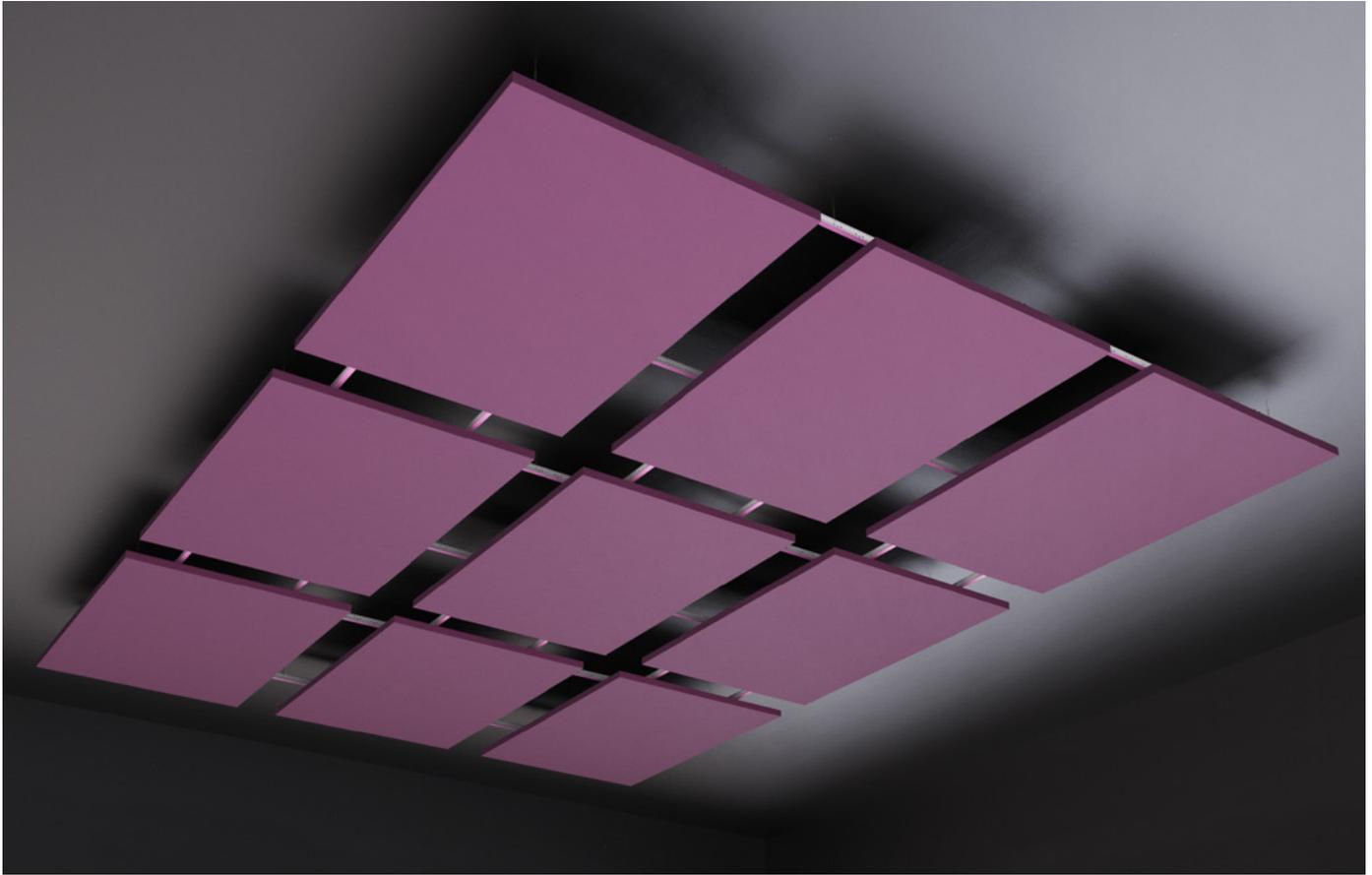




Canopies

Sonify Installation Guide



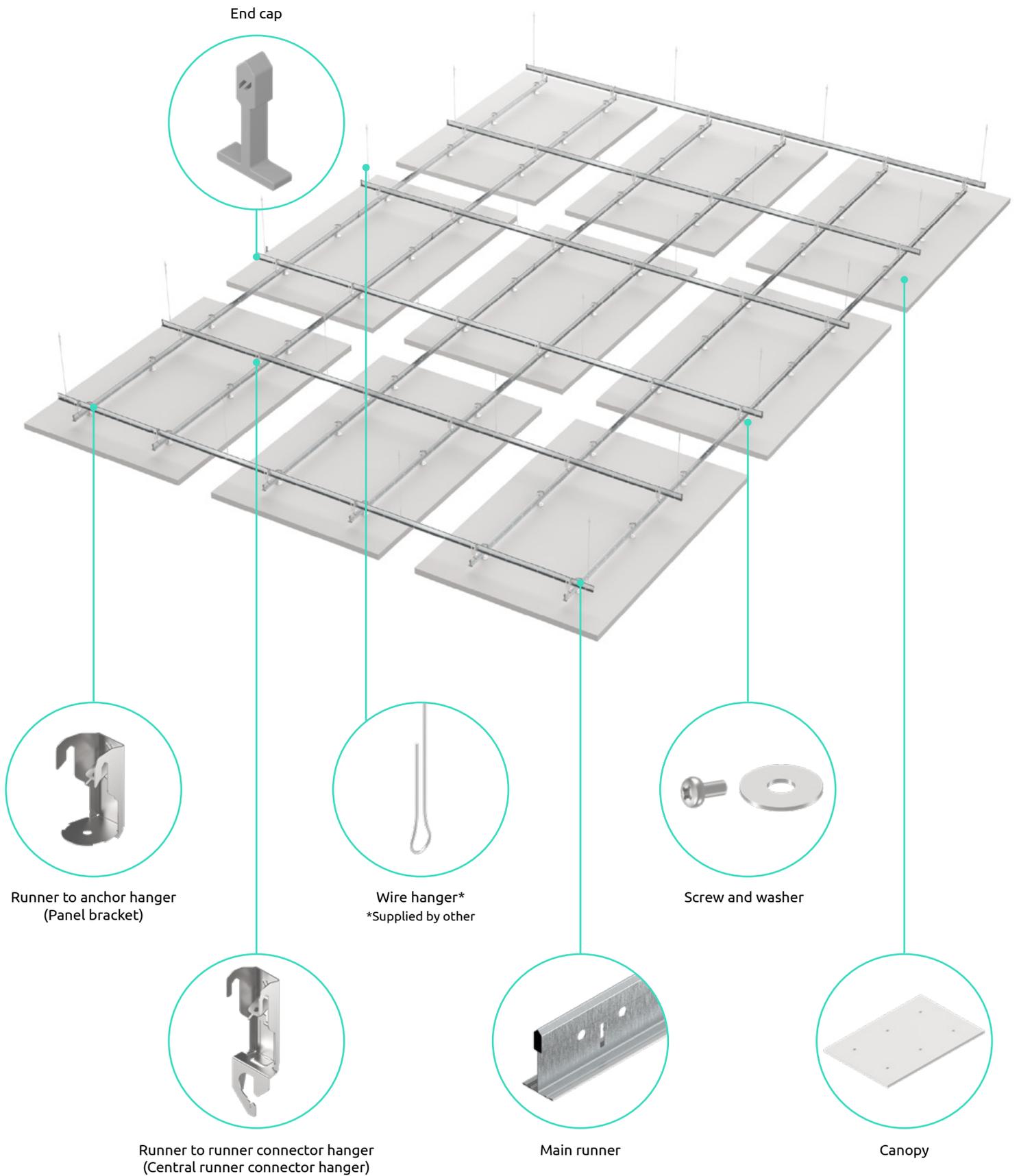


First time using Sonify?

The Sonify Create grid system is designed to reduce the amount of drilling and measuring on site. Once the first steps are completed accurately, it always ensures perfect alignment, identical spacing and even heights throughout the whole installation, thanks to its 100mm grid logic. This allows you to save time while installing highly aesthetic and functional acoustic ceiling elements.

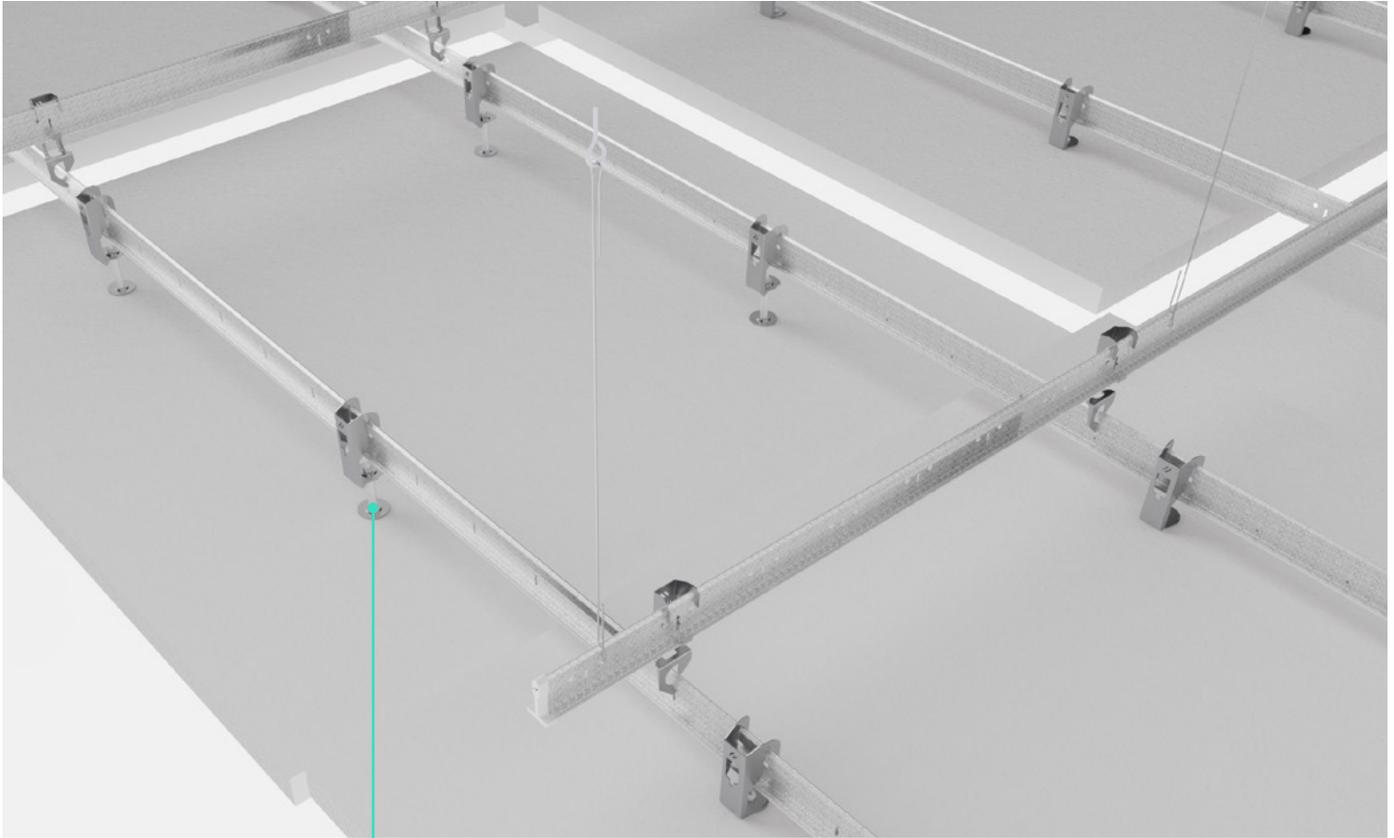
This is a generic installation guide. For details about your individual installation please refer to the specification documents provided by your specifier.

02 Sonify Create Components*



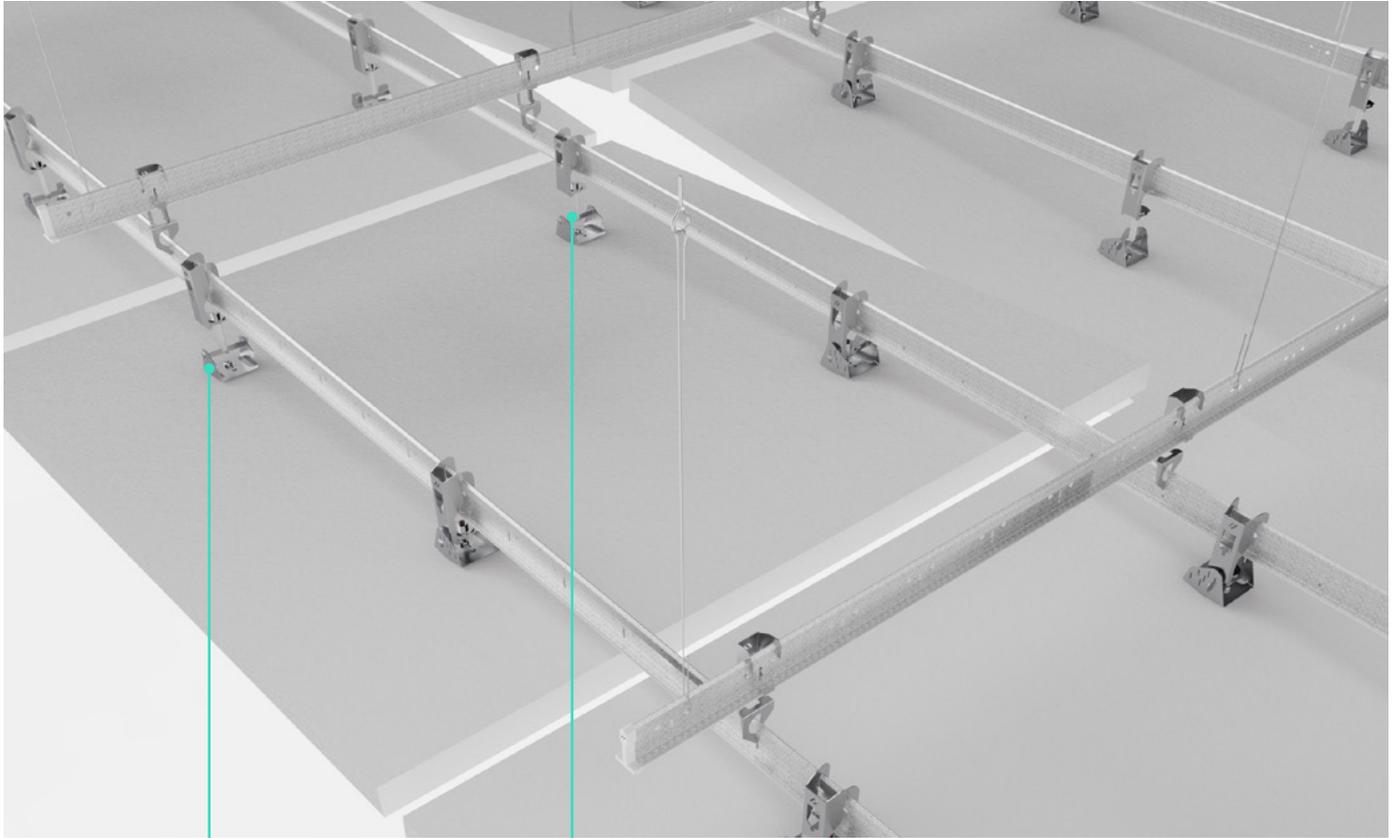
*These components are also used for Sonify Highway

03 Sonify Height Adjustment Components

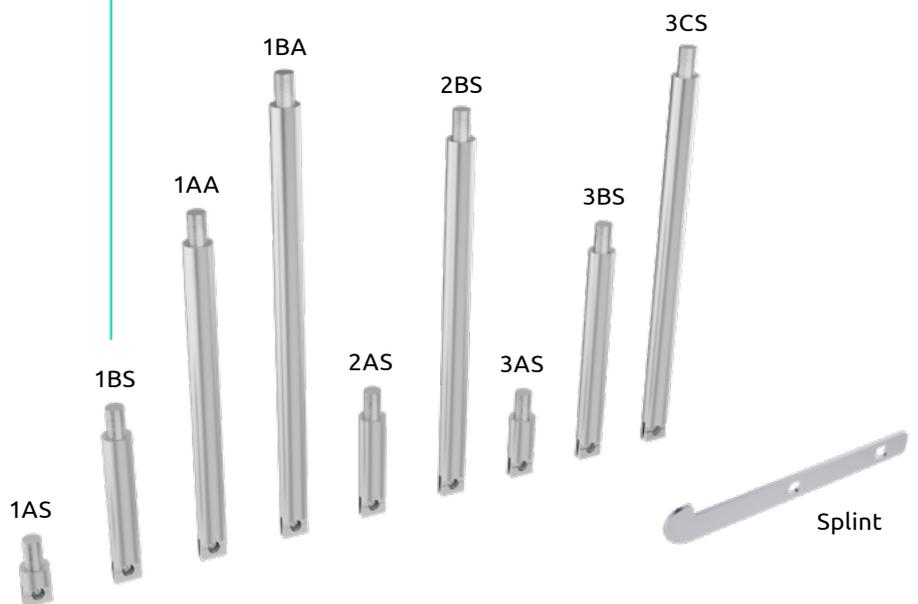


50mm, 100mm, 150mm & 200mm
Height Adjustment Rods

04 Sonify Tilt Adjustment Components



Angled bracket



Splint

Sonify Create & Highway General Requirements



Runner to anchor hanger (Panel bracket)



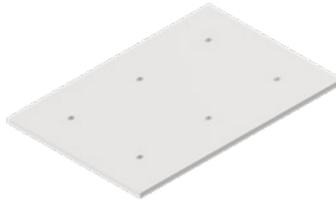
Runner to runner connector hanger (Central runner connector hanger)



Main runner



Wire hanger*
*Supplied by other



Canopy



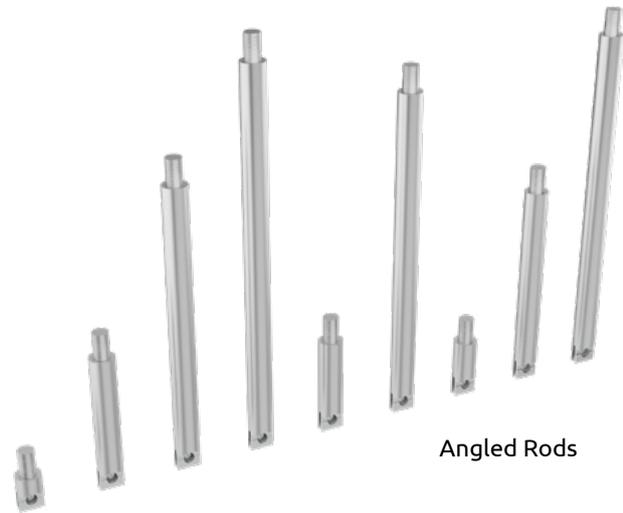
Screw and washer

Sonify Height Requirements



Height Rods

Sonify Tilt Requirements



Angled Rods



Securing Splint



Angled Bracket

06 Required Tools



Safety



Measuring tape



Angle measure



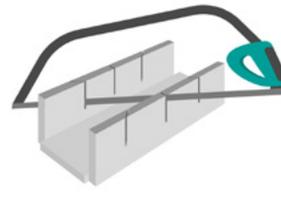
Spirit level



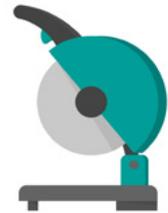
Pliers



Screwdriver



Miter Saw



Miter saw

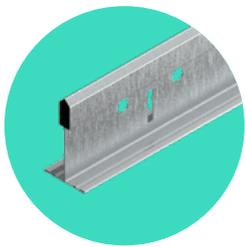
07 Runner preparation

Generic install for each Sonify system.

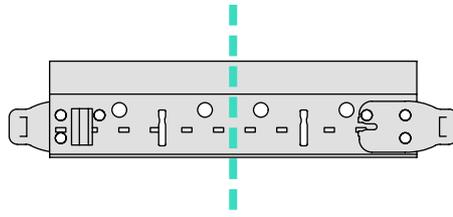
Runner preparation

The runners need to be adjusted to the exact length required. They can be cut or clipped onto each other (they should always be cut in the middle between rout holes – not on a rout hole). There can be different runner lengths per configuration.

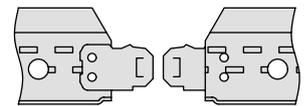
*A runner which has been cut can be re-used on the next grid row as long as one runner clip remains (see below). Cut runners with a length less than 200mm should be discarded.



Main Runner



Cut



Clip

08 Wire hanger

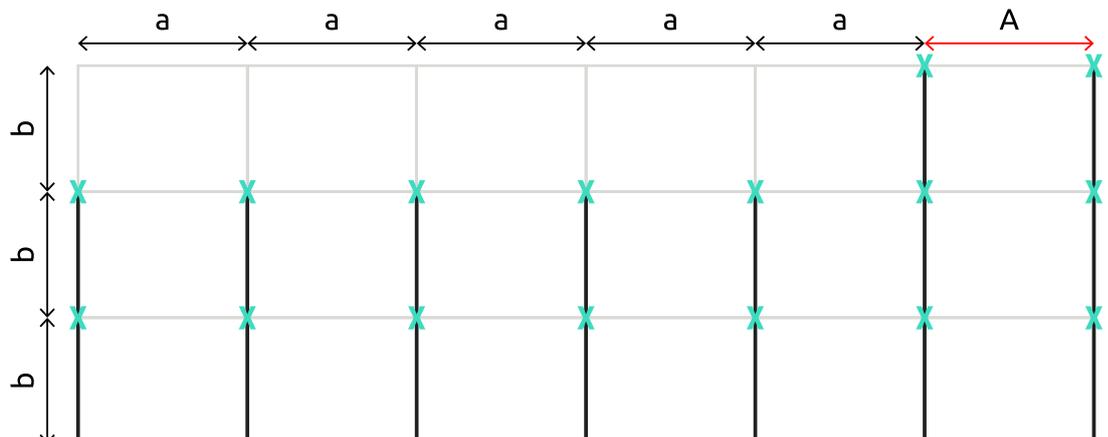
The hangers are fixed to the soffit above the primary main runner. The last row and column distances can be irregular in some configurations.

Primary Main Runner



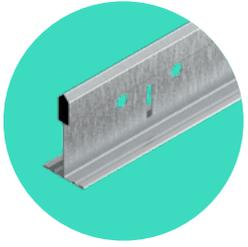
Wire Hanger*

*Supplied by other

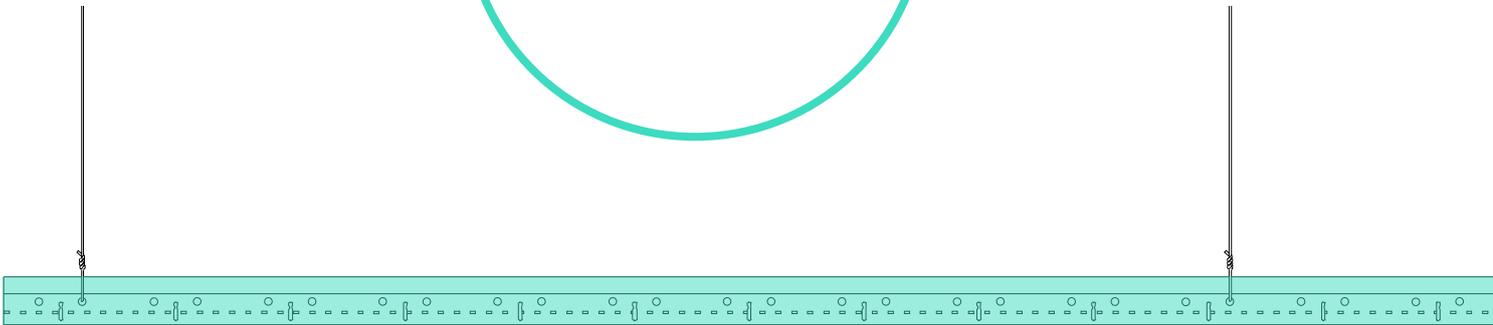
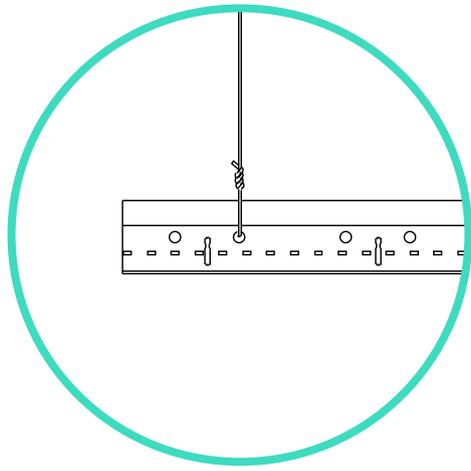


09 Suspend Primary Main Runners

Suspend the first layer of primary main runners from the wire hangers. Make sure that all runners are level and the rout holes are aligned.

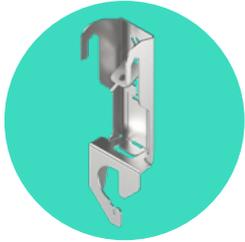


Primary Main Runner

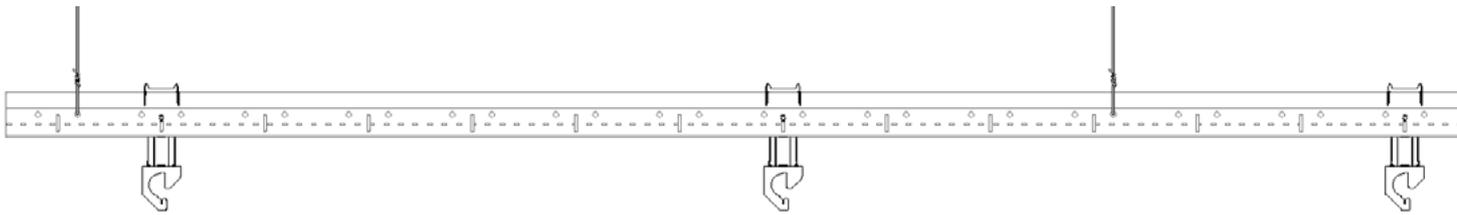
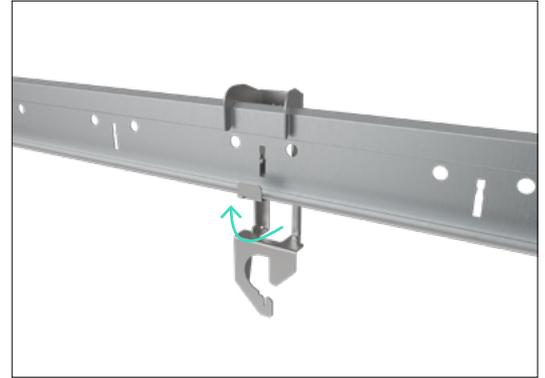


10 Runner Connector

Hook on the runner to runner connector hangers to the primary main runner and lock them by bending the lower tab around the T.



Runner to Runner
Connector Hanger

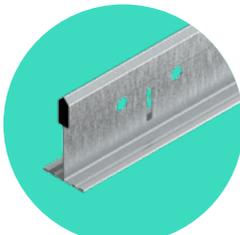


N.B. Secondary runner is not generic for the Sonify Highway runner, refer to documents provided with Sonify Highway for spacing

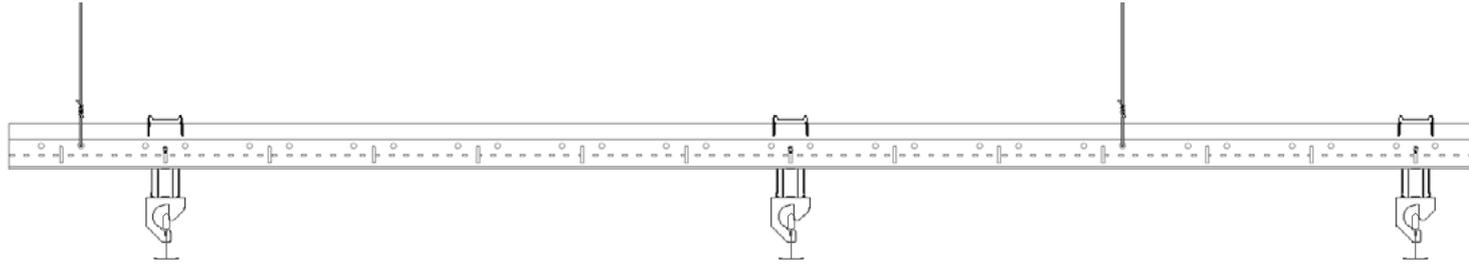
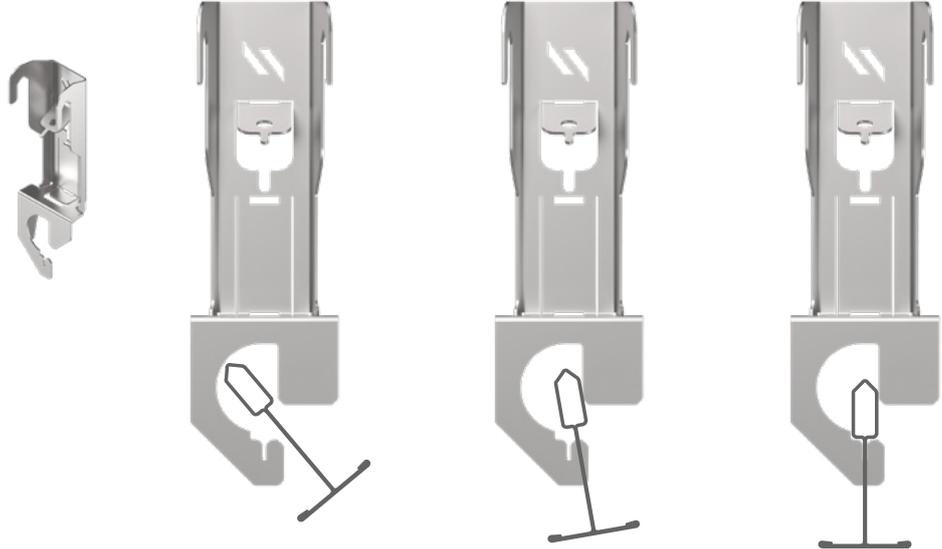


11 Secondary Main Runner

Suspend the secondary main runners to the lower hooks on the runner to runner connector hangers. The hook must pass through the rout hole on the secondary main runner.



Main Runner



N.B. Secondary runner is not generic for the Sonify Highway runner, refer to documents provided with Sonify Highway for spacing



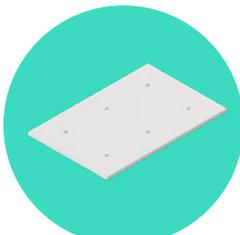
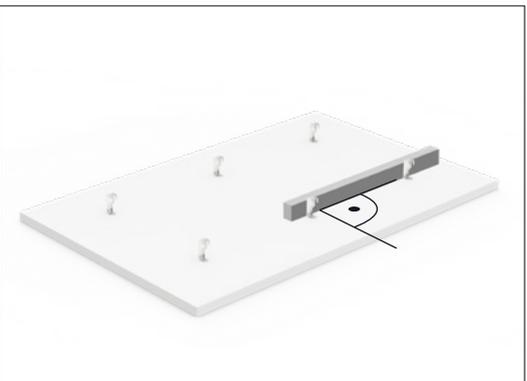
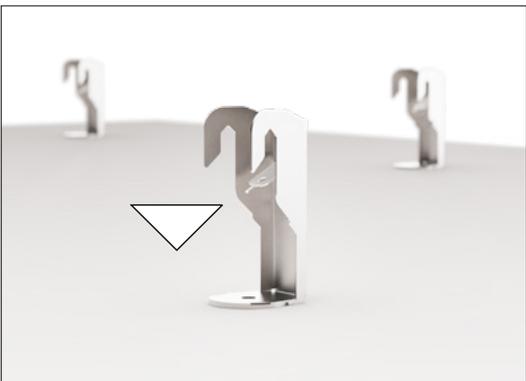
12 Hook on Canopy

The orientation of the runner to anchor hanger (panel bracket) depends on the final position of the specific canopy. All hooks should be facing the same direction. Make sure that their orientation works for hooking onto the secondary runners (graphic 4).

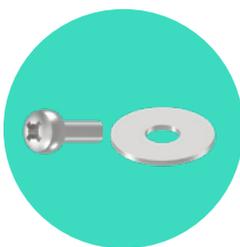
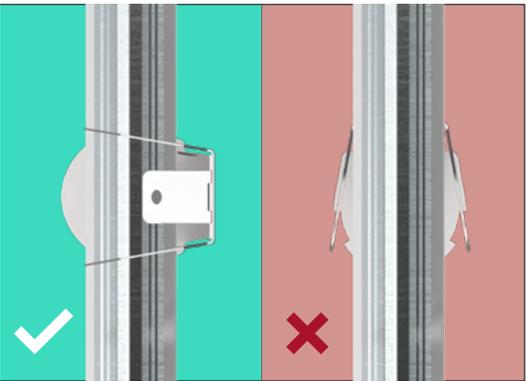
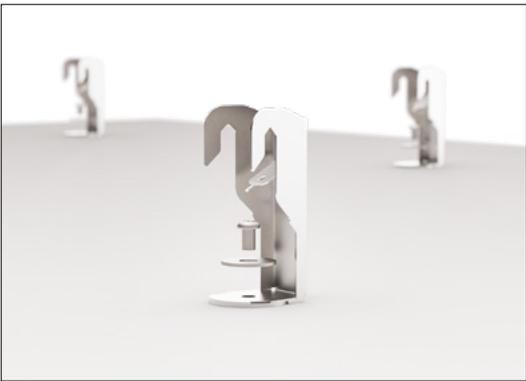
Mount the runner to anchor hangers (panel bracket) onto the pre-installed panel anchors using the screw and washer. Make sure that the screw is secure but not over tightened.



**Runner to anchor hanger
(Panel Bracket)**



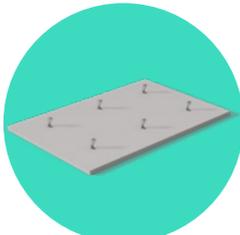
Canopy



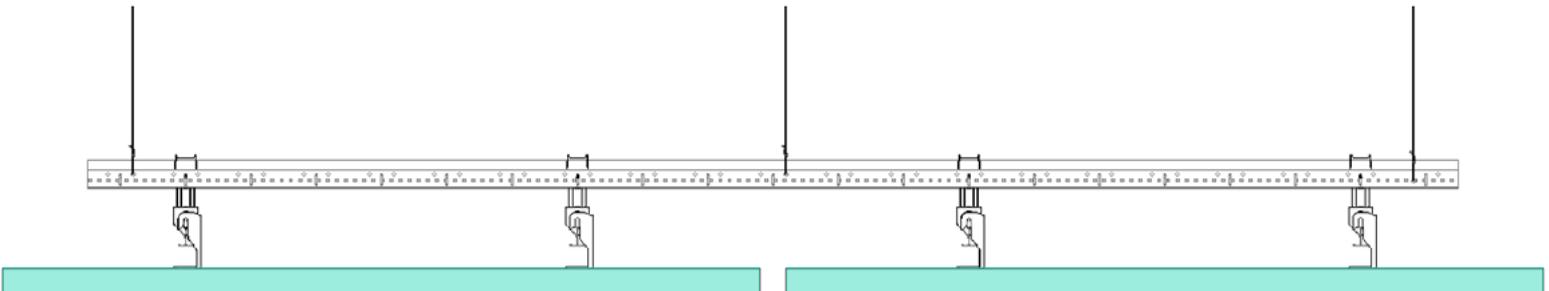
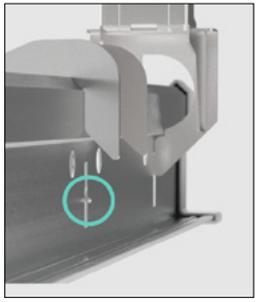
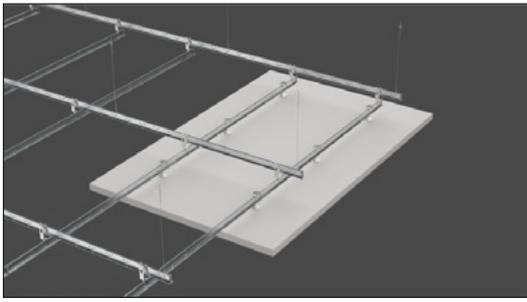
Screw & Washer

13 Canopy on Runner

Lift the canopy with its runner to anchor hangers (panel bracket) over the secondary runner. For an accurate position within the grid, the locking tabs should lock into the rout holes. The install to runner is the same for any canopy hanger set up.

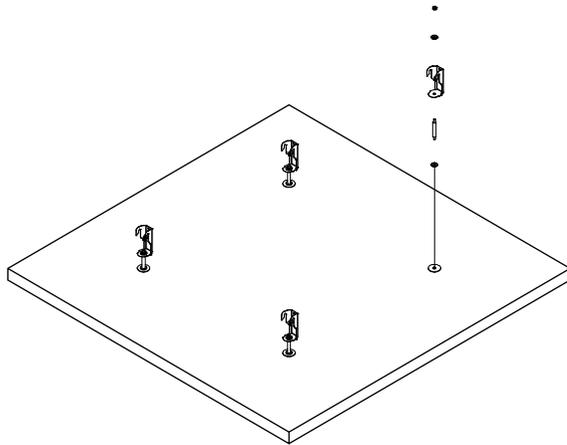


Canopy with runner to anchor hanger (Panel bracket)

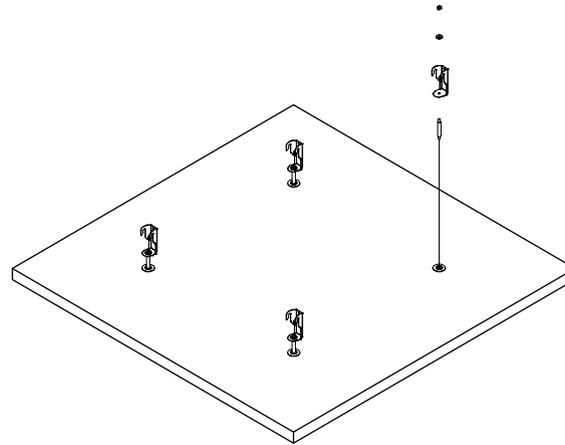


14 Height Adjustment

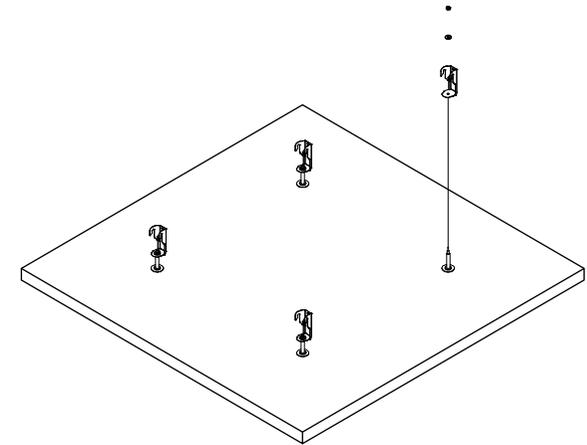
Additional Installation for height adjustment – Example 50mm



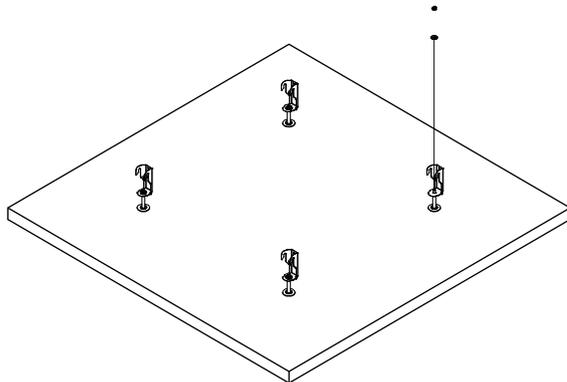
1. 1st get your washer and place over anchor screw thread



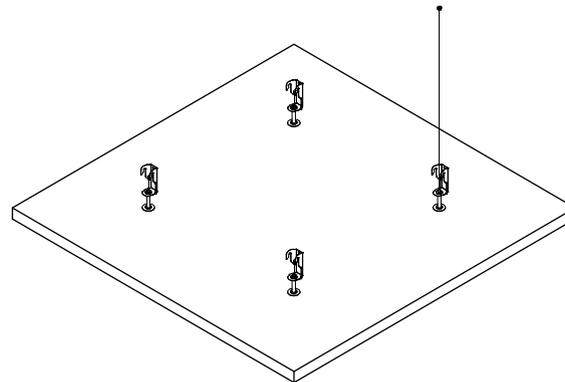
2. Locate correct height adjustment rod for assembly and place through washer and tighten into anchor screw thread



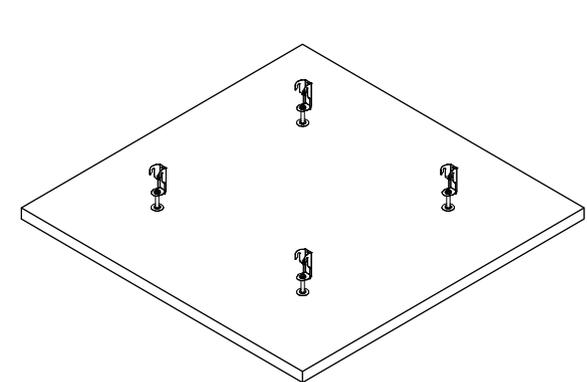
3. Place the runner to anchor hanger (panel bracket) in place on top of the height adjustment rod in the correct orientation as required for the assembly arrangement



4. Place washer over the runner to anchor hanger (panel bracket), locating over the height adjustment screw thread



5. Lastly place the nut on to the screw thread and tighten as required

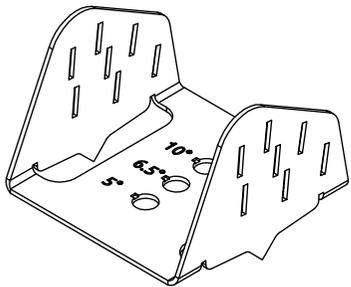


6. Final assembly of height adjustment rods

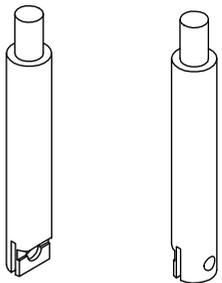
N.B. To locate runner to anchor hanger (panel bracket) use a straight edged component at a right angle for alignment as per install of standard system.

15 5 Degree Components

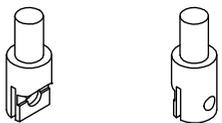
5 degree standard components 1200 x 1200 Sonify Canopy



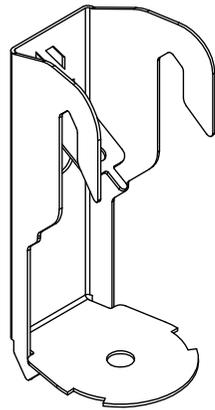
Angled Bracket x 4



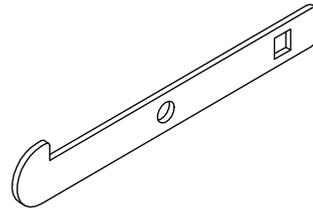
Rod 1B Standard x 2



Rod 1A Standard x 2



Runner to Anchor Hanger
(Panel Bracket) x 4



Securing Splint x 4



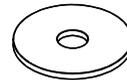
M4 Screw x 4



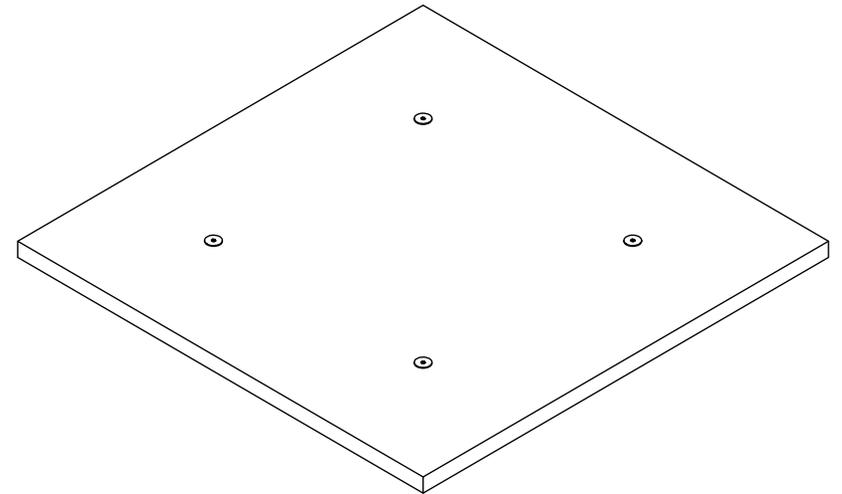
M6 Screw x 4



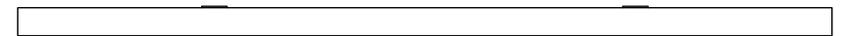
M6 Nut x 4



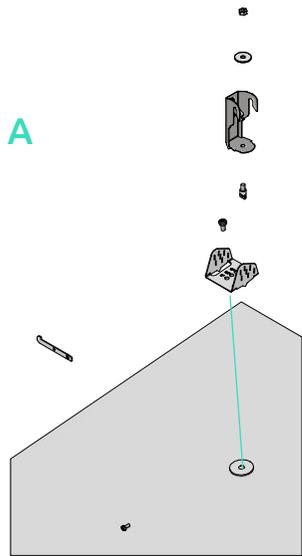
M6 Washer x 4



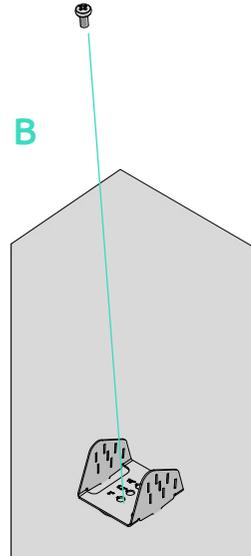
1200 x 1200 Sonify Square Canopy x 1



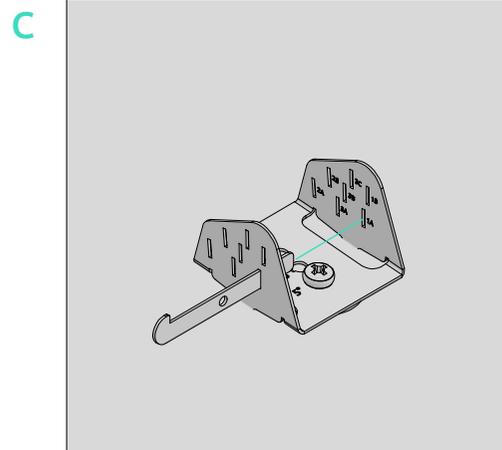
16 1A Bracket Install



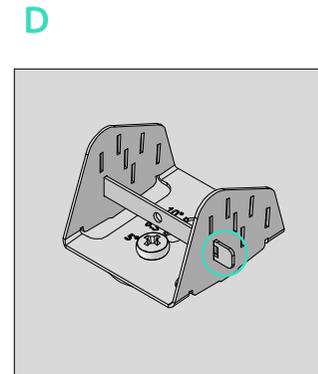
Choose the hole in the bracket for the angle required



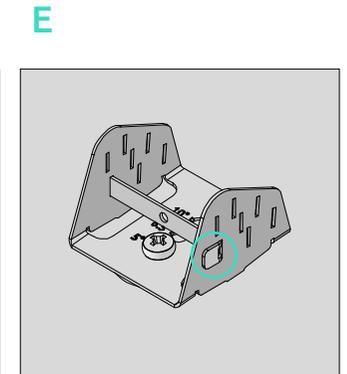
Place M6 screw into the bracket hole and anchor to secure



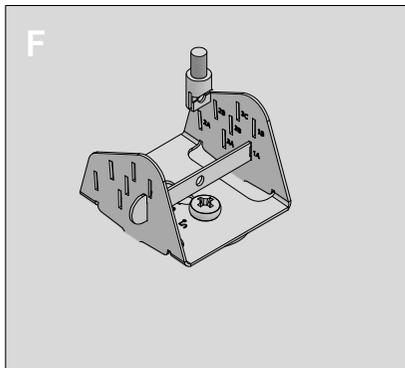
Place the splint through slot 1A for a 5 degree angle, referring to the engraving on the bracket for the required location



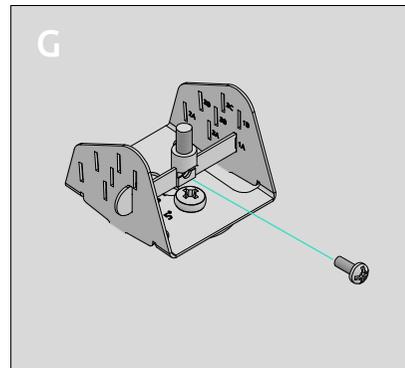
Bend tab to secure



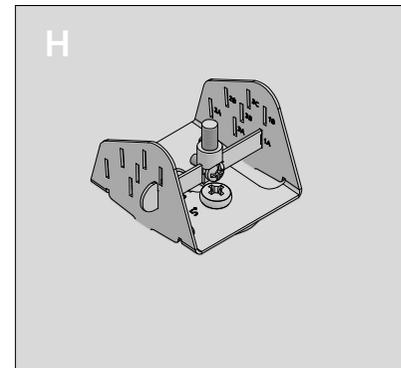
Tab bent and secured



Locate associated rod which matches slot engraving align holes in the rod and splint

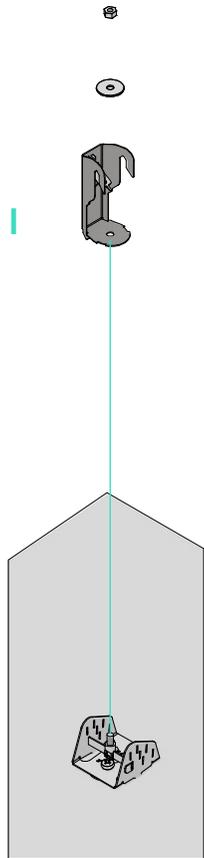


Use the M4 screw to secure rod in place

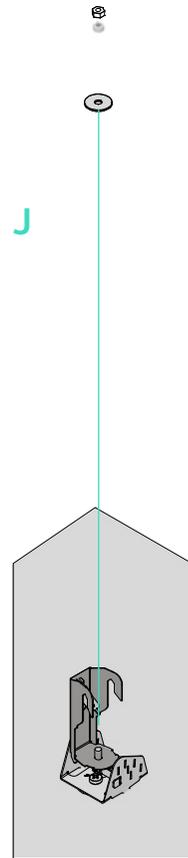


The bracket, splint and rod are now secure

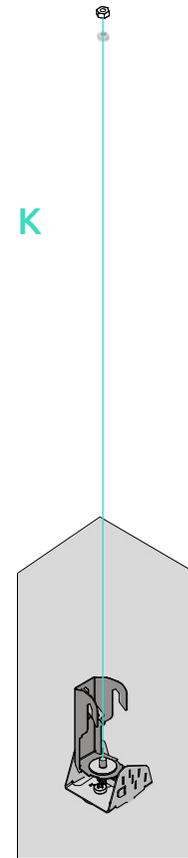
17 1A Bracket Install



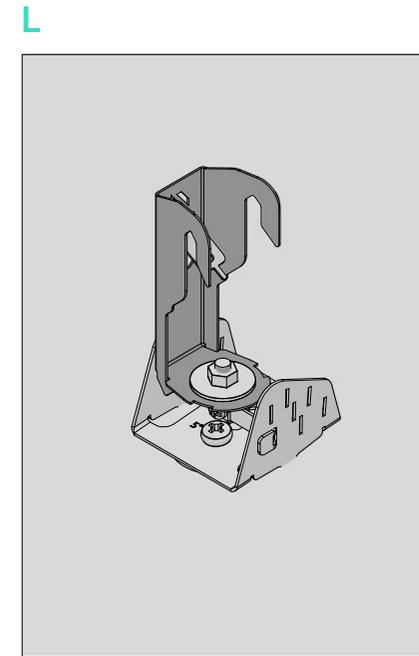
Place the Hanger over the screw thread and align the hanger to the direction you need the canopy to be angled



Place washer over the hanger

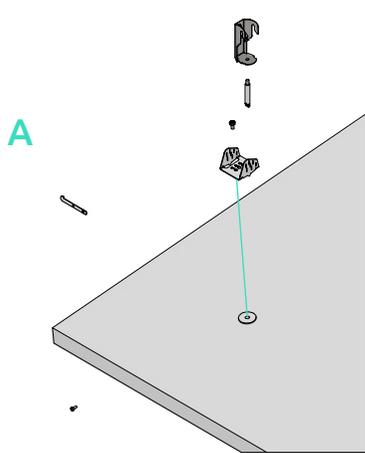


Locate and screw nut on to the rod to secure hanger in place

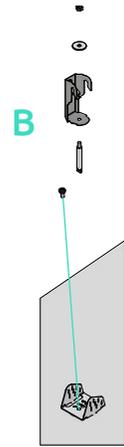


The assembly for the 1st angled bracket is complete, repeat as required for the front of the canopy

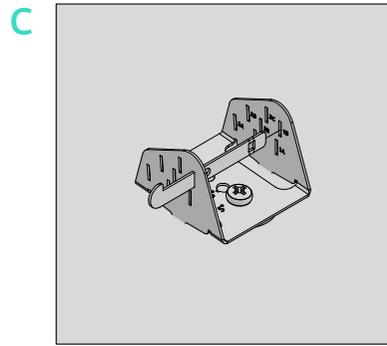
18 1B Bracket Install



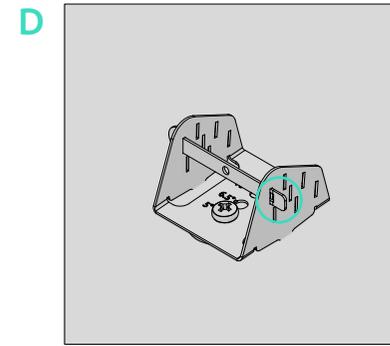
Choose the hole in the bracket for the angle required



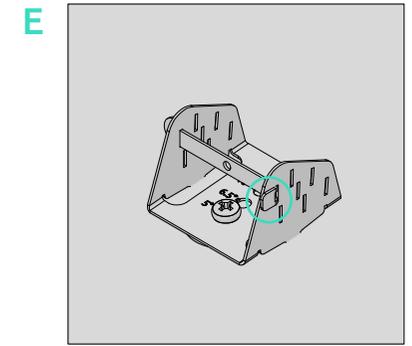
Place M6 screw into the bracket hole and anchor to secure



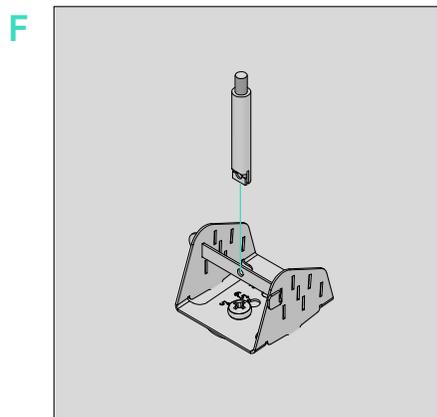
Place the splint through slot 1B for a 5 degree angle, referring to the engraving on the bracket for the required location



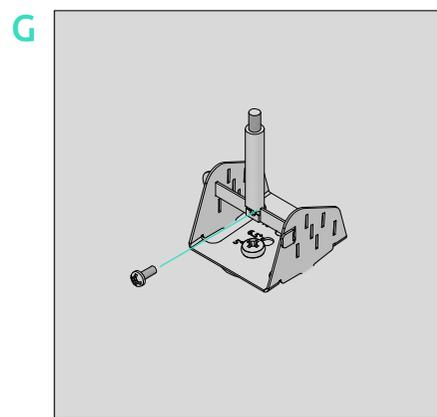
Bend tab to secure



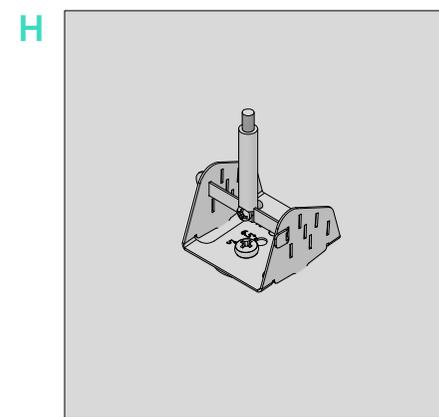
Tab bent and secured



Locate associated rod which matches slot engraving align holes in the rod and splint

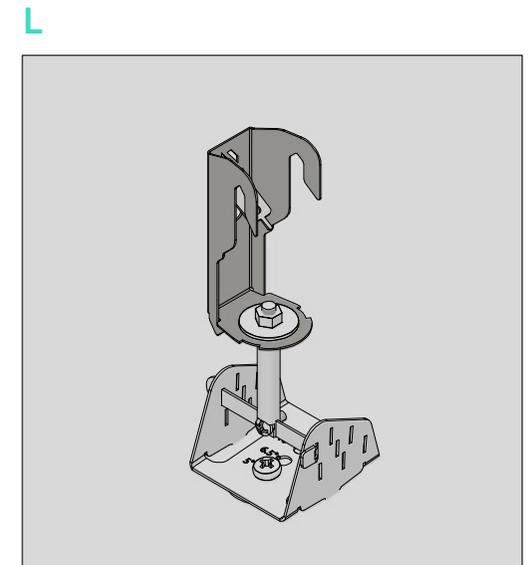
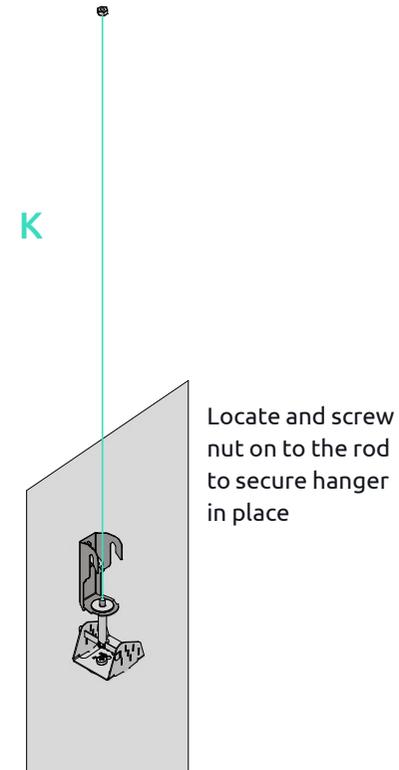
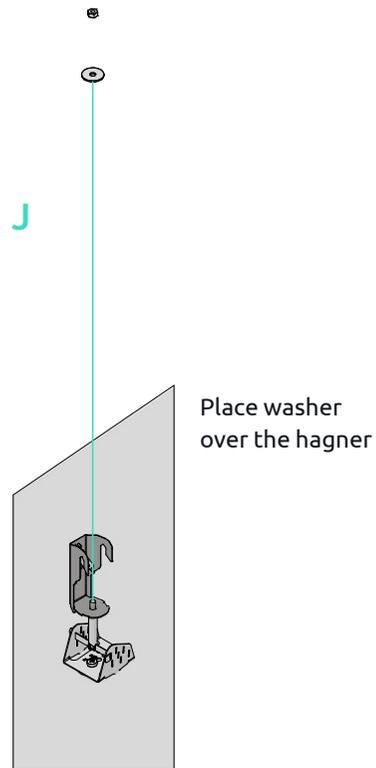
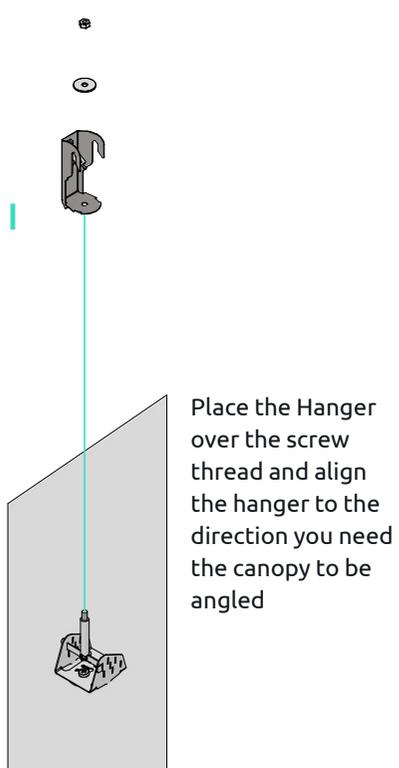


Use the M4 screw to secure rod in place



The bracket, splint and rod are now secure

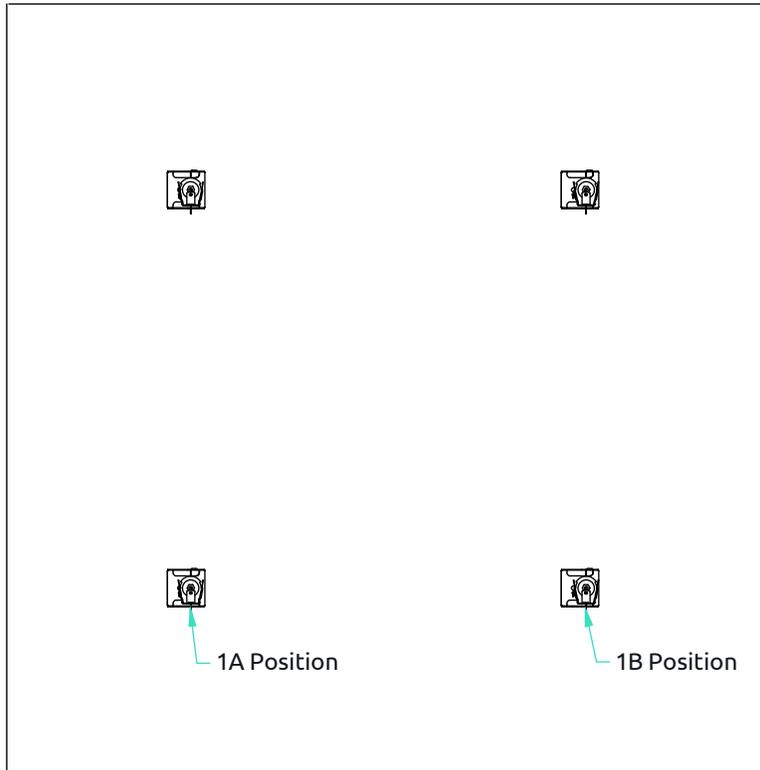
19 1B Bracket Install



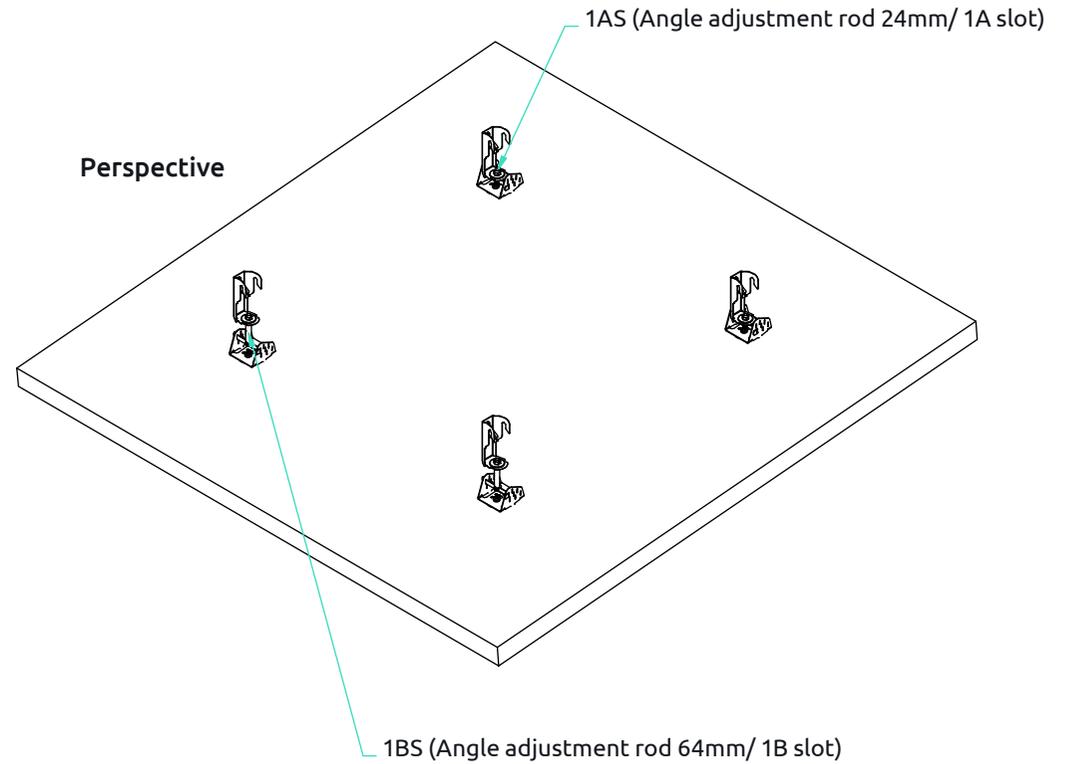
The assembly for the 2nd angled bracket is complete, repeat as required for the canopy

20 Assembled 5 Degree Panel

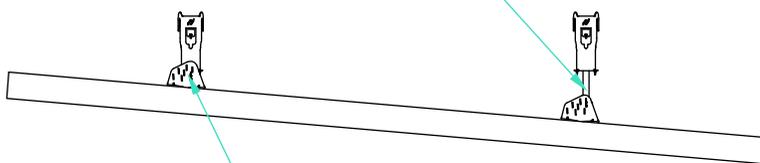
Plan View – 1200 x 1200 Square Canopy



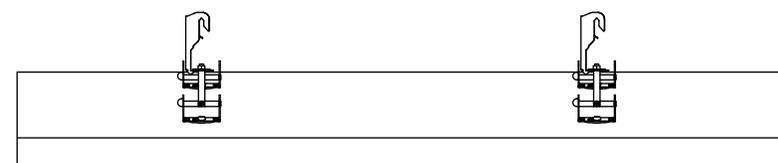
Perspective



1BS (Angle adjustment rod 64mm/ 1B slot)

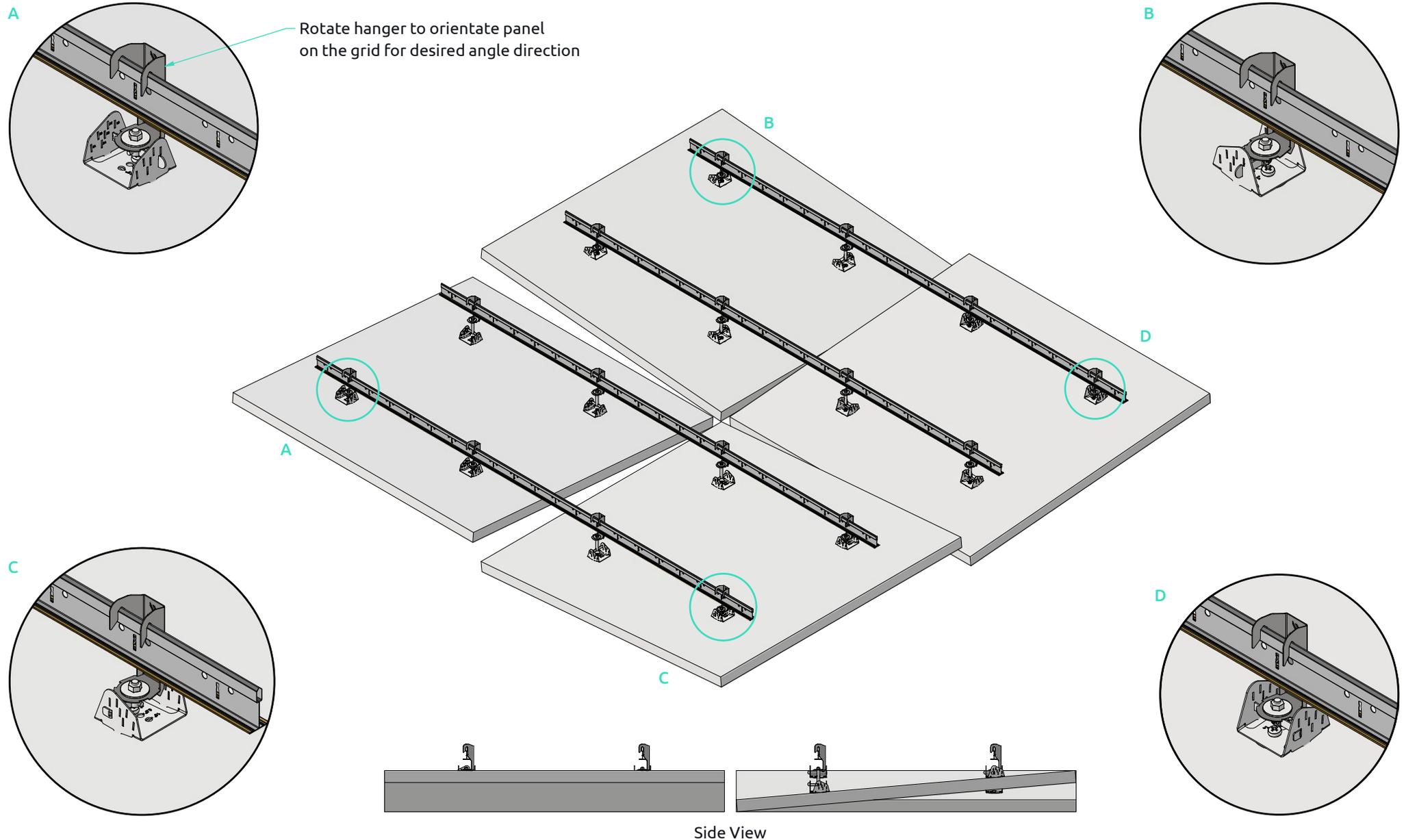


Side Views



21 Hanger Orientation

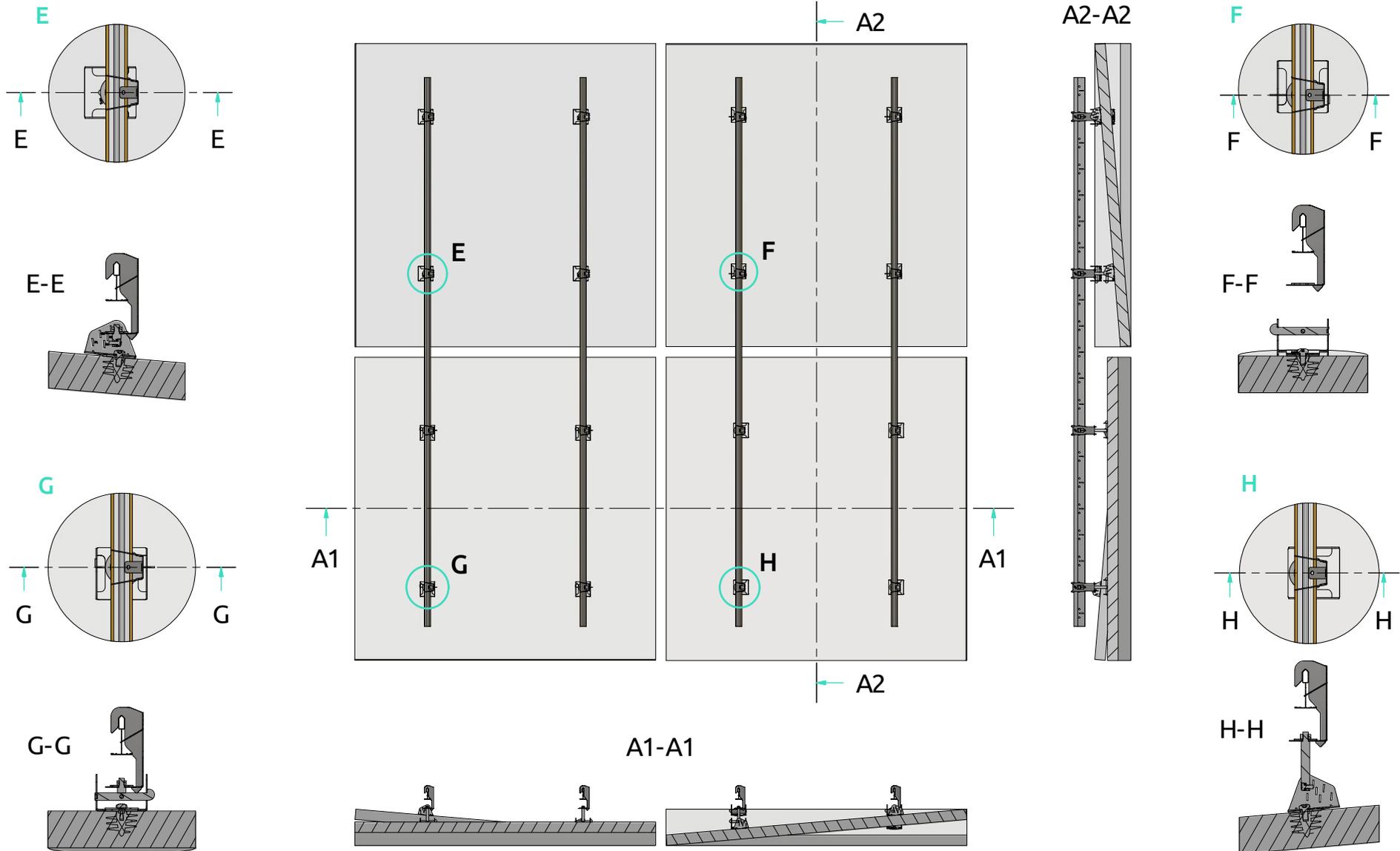
Hanger orientation for direction of canopy



22 Hanger Orientation

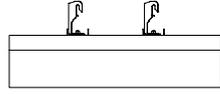
Hanger orientation for direction of canopy

Plan View

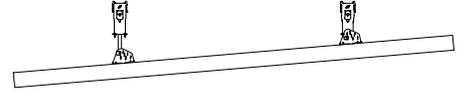


23 Angles of Canopies

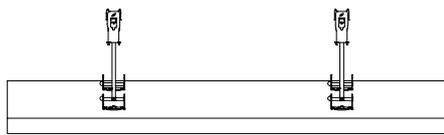
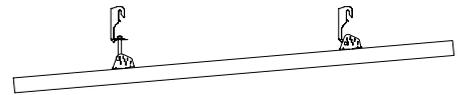
Other optional installs*



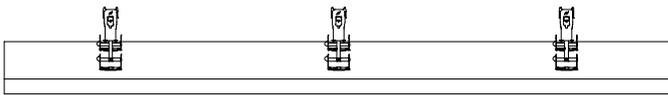
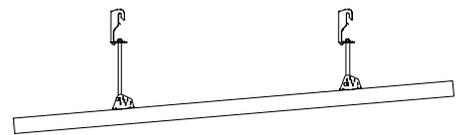
5 degree 1200 x 600 canopy standard
Slots & rods required 1A – 1B (standard)



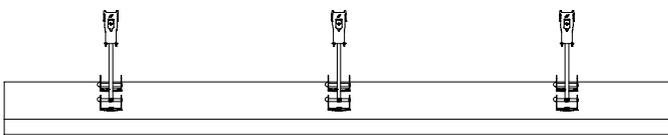
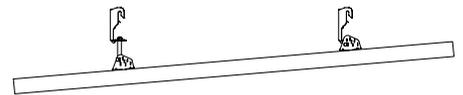
5 degree 1200 x 1200 canopy standard
Slots & rods required 1A – 1B (standard)



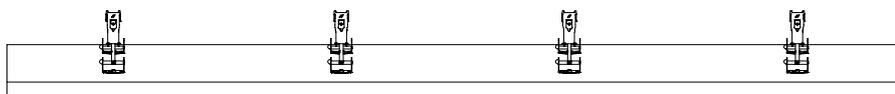
5 degree 1200 x 1200 canopy additional
Slots & rods required 1A – 1B (additional)



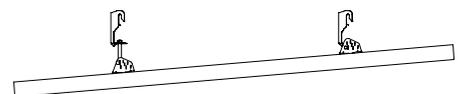
5 degree 1800 x 1200 canopy standard
Slots & rods required 1A – 1B (standard)



5 degree 1800 x 1200 canopy additional
Slots & rods required 1A – 1B (additional)

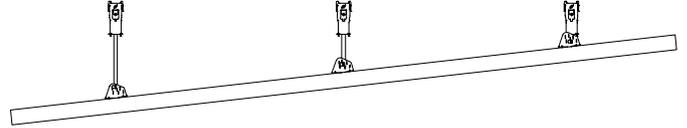
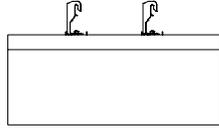


5 degree 2400 x 1200 canopy standard
Slots & rods required 1A – 1B (standard)

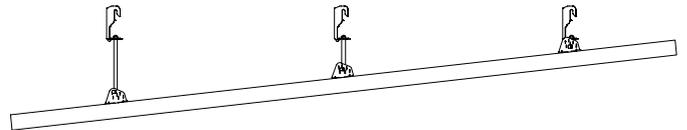
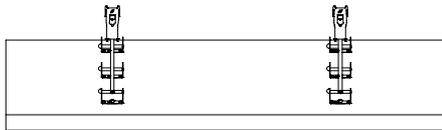


*Not all install types covered

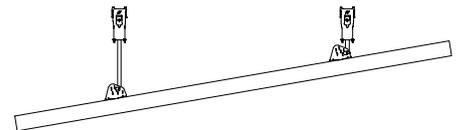
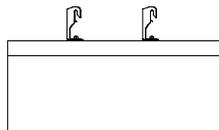
Other optional installs*



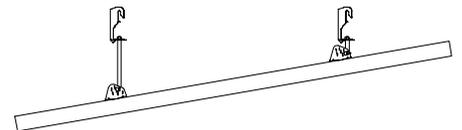
5 degree 1800 x 1200 canopy standard
Slots & rods required 3A – 3B – 3C (standard)



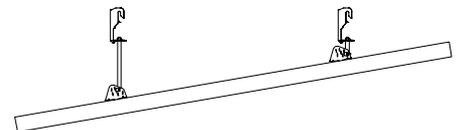
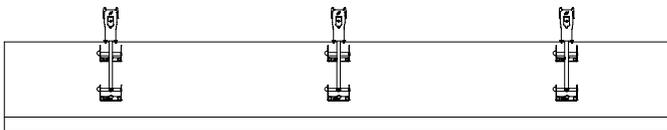
6.5 degree 1800 x 1200 canopy standard
Slots & rods required 3A – 3B – 3C (standard)



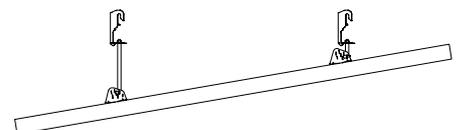
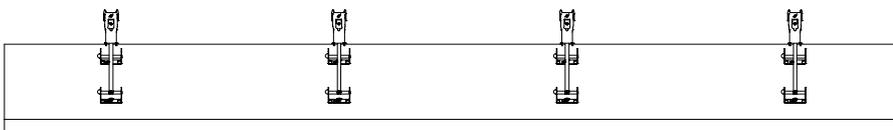
5 degree 1200 x 600 canopy standard
Slots & rods required 1A – 1B (standard)



10 degree 1200 x 1200 canopy standard
Slots & rods required 2A – 2B (standard)

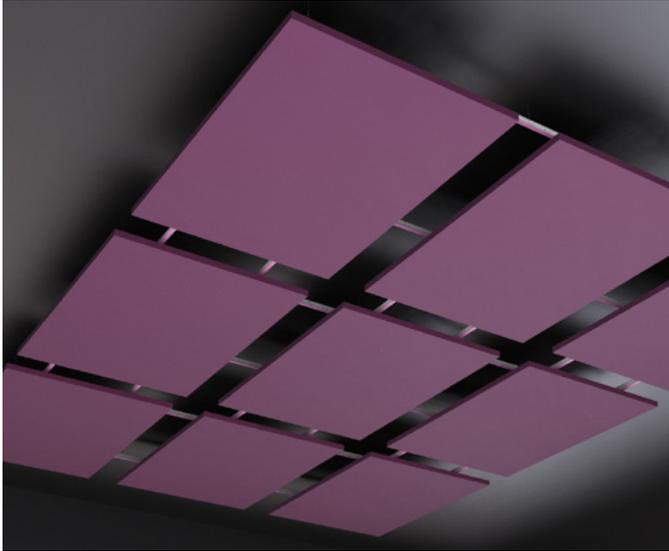


10 degree 1800 x 1200 canopy standard
Slots & rods required 2A – 2B (standard)



10 degree 2400 x 1200 canopy standard
Slots & rods required 2A – BB (standard)

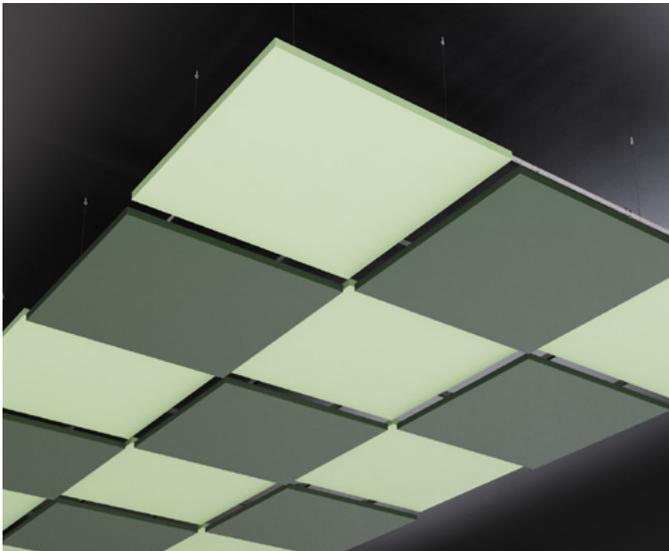
*Not all install types covered



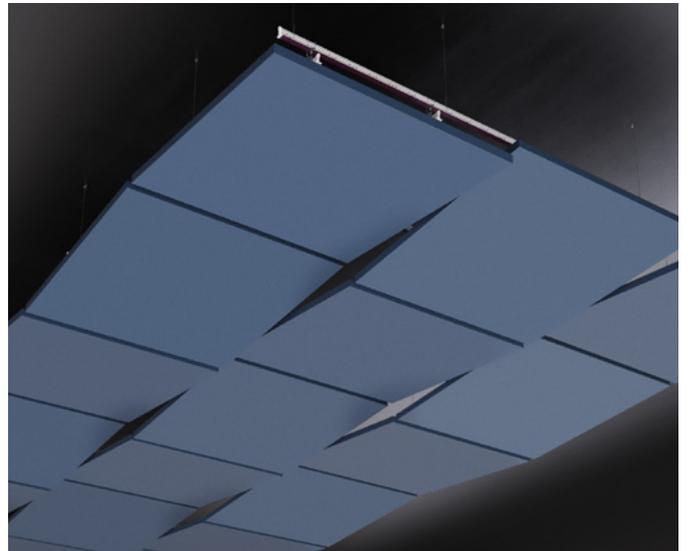
Sonify Create



Sonify Highway

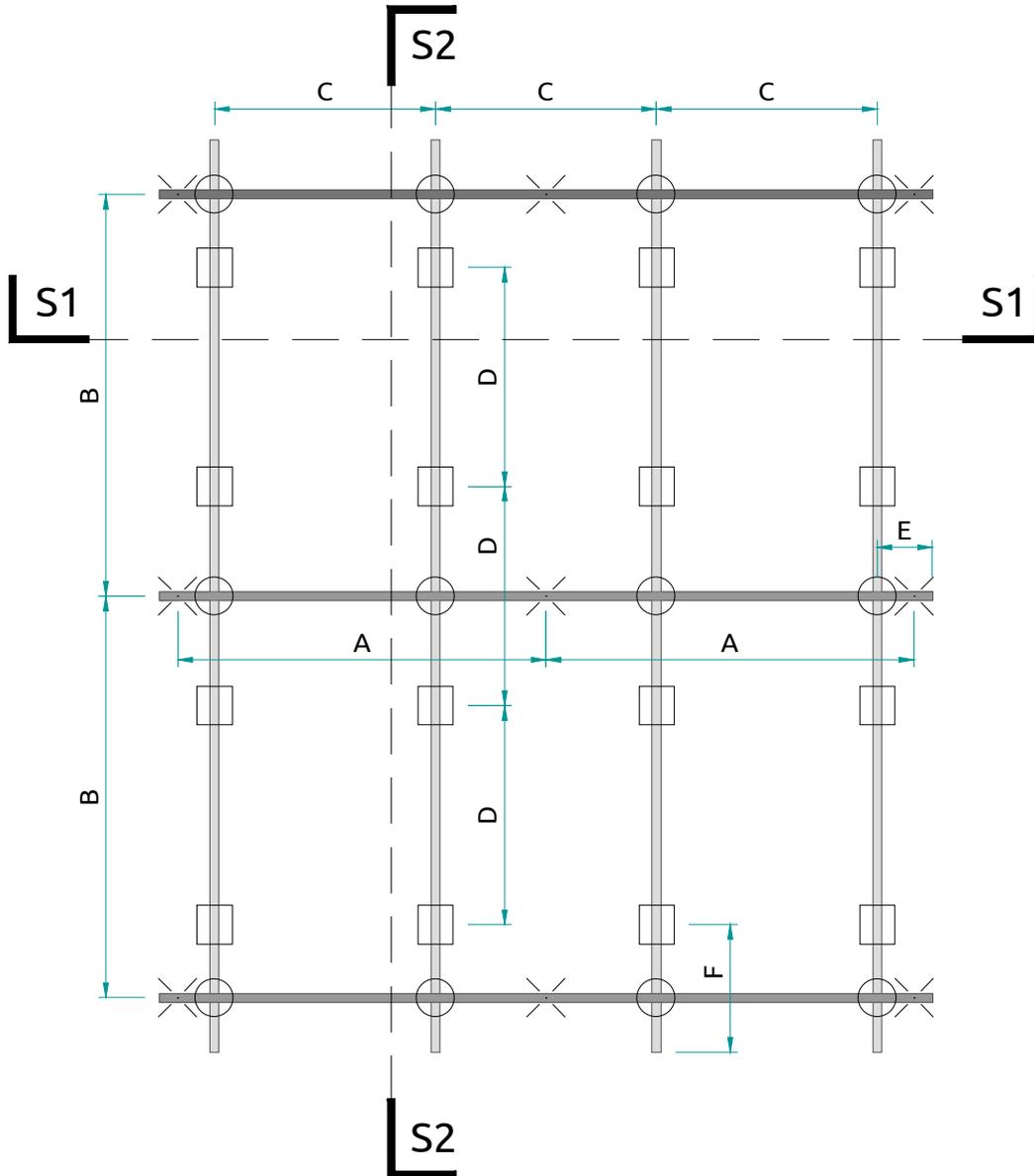


Sonify Height Adjustment



Sonify Tilt

Typical grid layout. Refer to documents for individual projects.



Key:

 Primary Main Runner

 Secondary Main Runner

 Runner to Runner Connector Hanger

 Runner to Anchor Hanger (Panel Bracket)

 Suspension point

A Pitch distance of suspension points = Max. 1200mm

B Pitch distance of upper primary main runner = Max. 1200mm

C Pitch distance of runner to runner connector hanger and lower secondary main runner

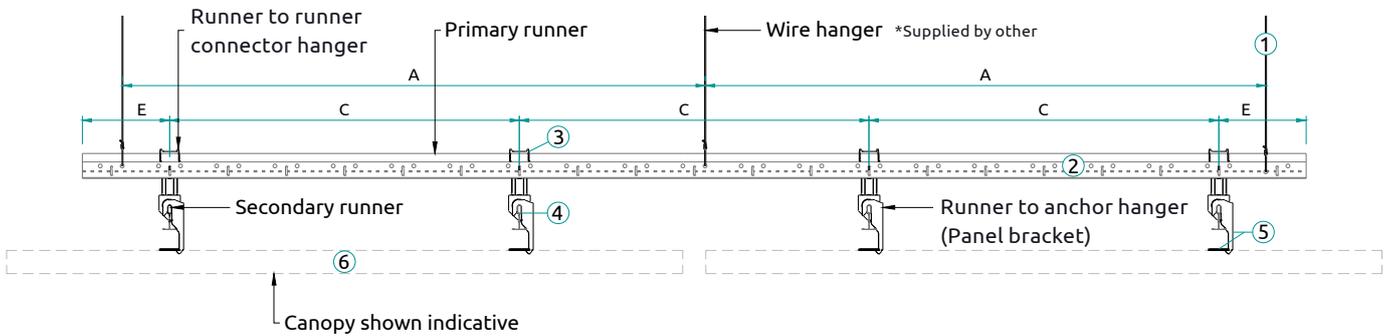
D Pitch distance of runner to anchor (panel bracket)

E Distance from runner to runner connector hanger to cut edge of upper primary main runner = 150mm

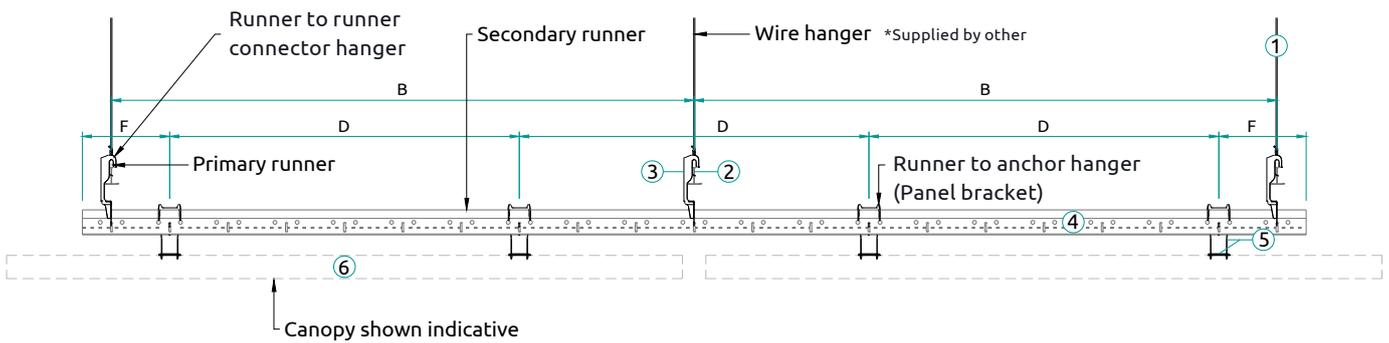
F Distance from panel bracket to cut edge of lower secondary main runner = 150mm

Canopy configuration

SECTION 1

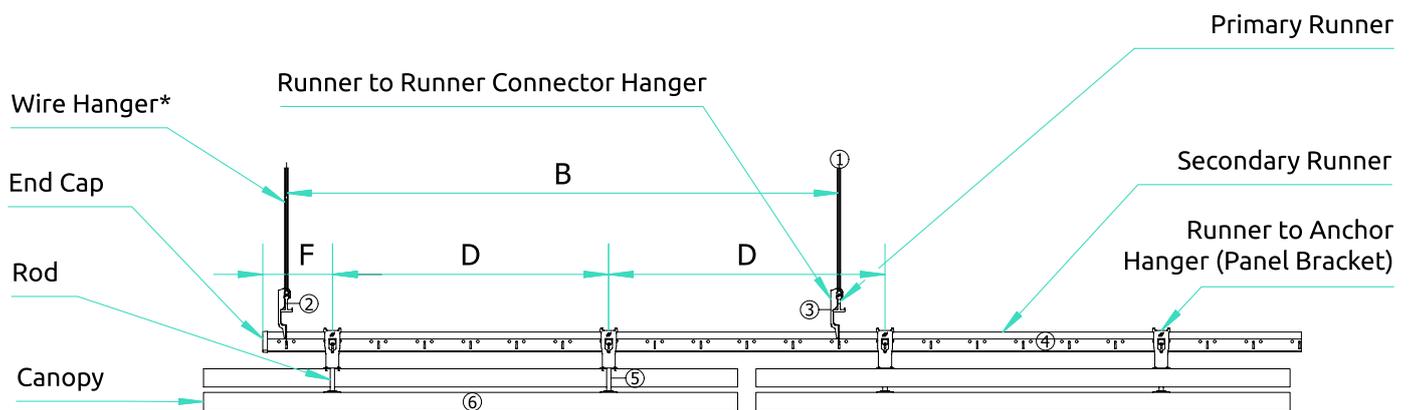
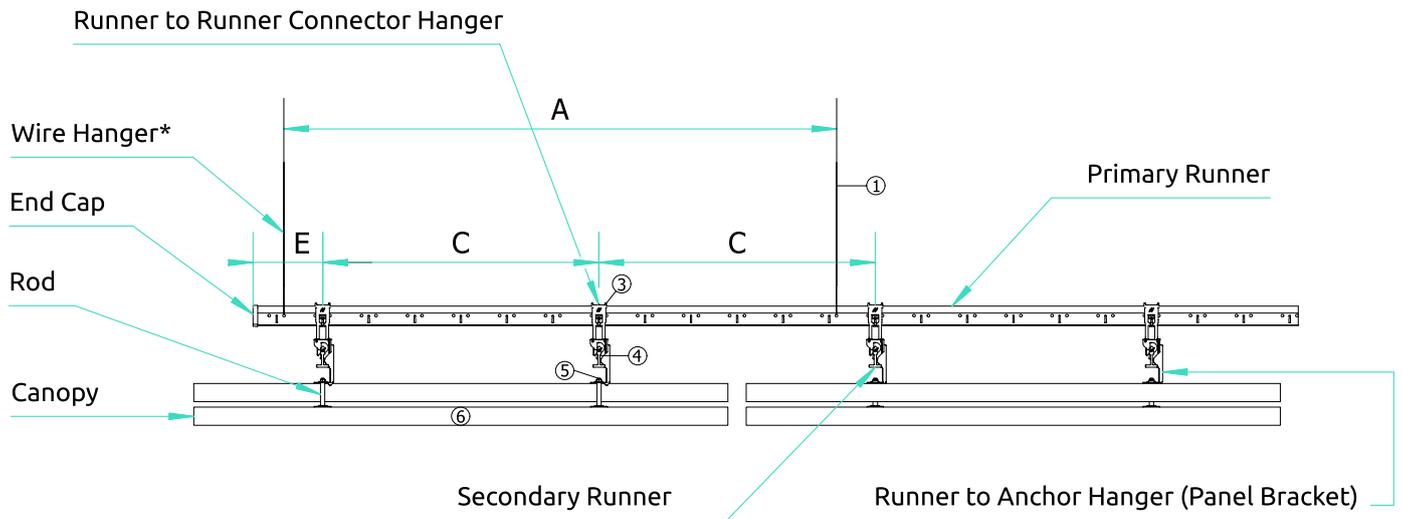


SECTION 2



- A Pitch distance of suspension points = Max. 1200mm
- B Pitch distance of upper primary main runner = Max. 1200mm
- C Pitch distance of runner to runner connector hanger and lower secondary main runner
- D Pitch distance of panel bracket
- E Distance from runner to runner connector hanger to cut edge of upper primary main runner = 150mm
- F Distance from runner to anchor hangers (panel bracket) to cut edge of lower secondary main runner = 150mm

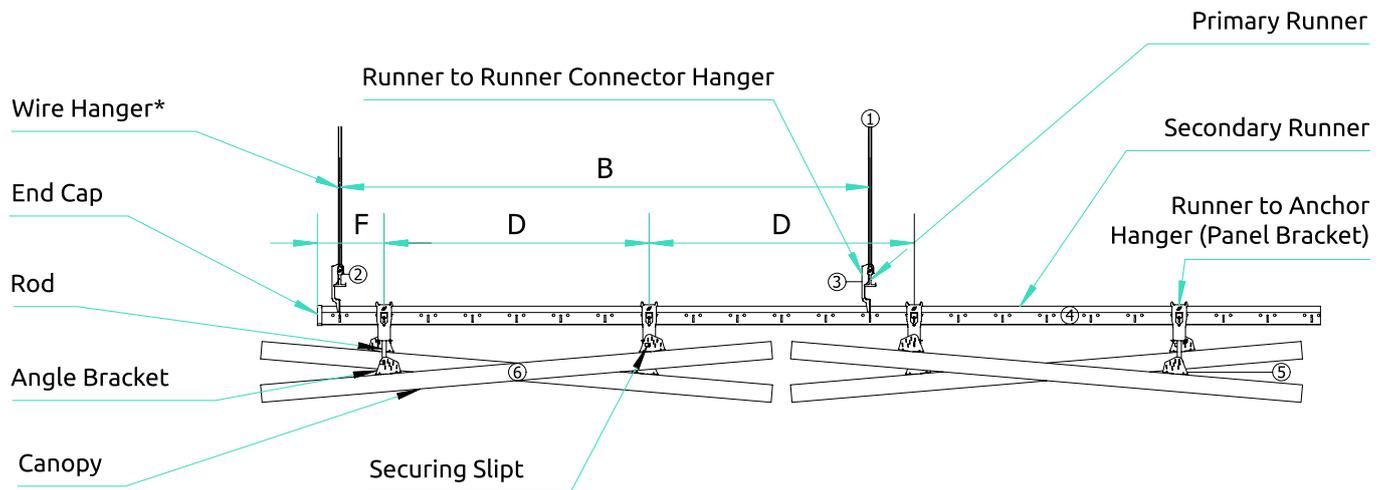
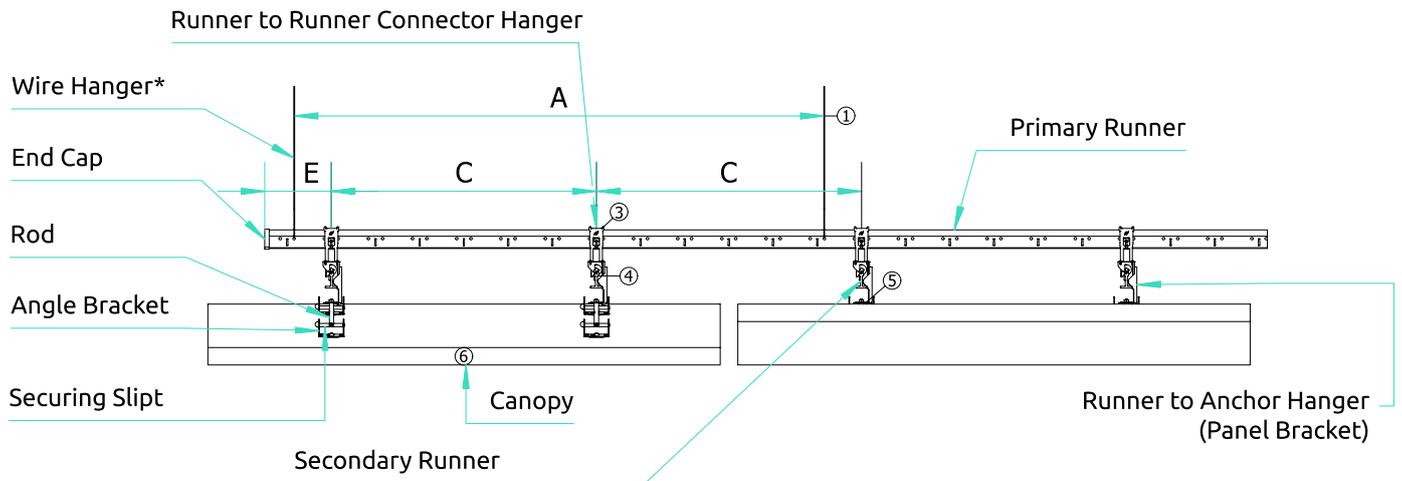
- 1 Locate suspension points and install hangers
- 2 Suspend upper primary main runner (length cut to suit based on layout)
- 3 Locate runner to runner connection hanger
- 4 Suspend lower secondary main runner (length cut to suit based on layout)
- 5 Attach runner to anchor hanger (panel bracket) to panel anchor in rear of canopy
- 6 Suspend canopy from secondary main runners



*supplied by other

- A Pitch distance of suspension points = Max. 1200mm
- B Pitch distance of upper primary main runner = Max. 1200mm
- C Pitch distance of runner to runner connector hanger and lower secondary main runner
- D Pitch distance of panel bracket
- E Distance from runner to runner connector hanger to cut edge of upper primary main runner = 150mm
- F Distance from runner to anchor hangers (panel bracket) to cut edge of lower secondary main runner = 150mm

- 1 Locate suspension points
- 2 Suspend upper primary main runner (length cut to suit based on layout)
- 3 Locate runner to runner connection hanger
- 4 Suspend lower secondary main runner (length cut to suit based on layout)
- 5 Attach height components as required to panel anchor in rear of canopy
- 6 Suspend canopy from secondary main runners



*supplied by other

- A Pitch distance of suspension points = Max. 1200mm
- B Pitch distance of upper primary main runner = Max. 1200mm
- C Pitch distance of runner to runner connector hanger and lower secondary main runner
- D Pitch distance of panel bracket
- E Distance from runner to runner connector hanger to cut edge of upper primary main runner = 150mm
- F Distance from runner to anchor hangers (panel bracket) to cut edge of lower secondary main runner = 150mm

- 1 Locate suspension points
- 2 Suspend upper primary main runner (length cut to suit based on layout)
- 3 Locate runner to runner connection hanger
- 4 Suspend lower secondary main runner (length cut to suit based on layout)
- 5 Attach Sonify Tilt components as required to panel anchor in rear of canopy
- 6 Suspend canopy from secondary main runners

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