

Installation guide

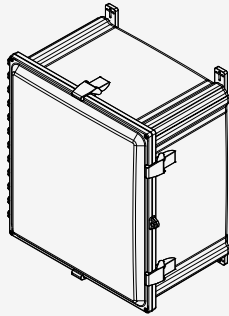
North America

February 2023

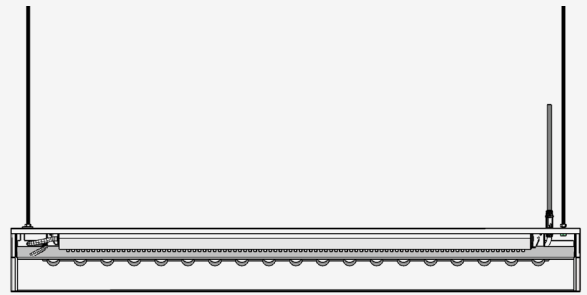


Order of installation

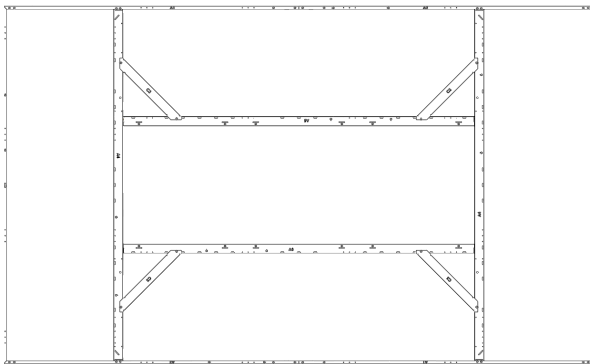
1. Control cabinet 4



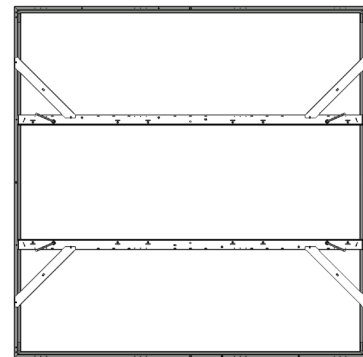
2. Lightscapes 9



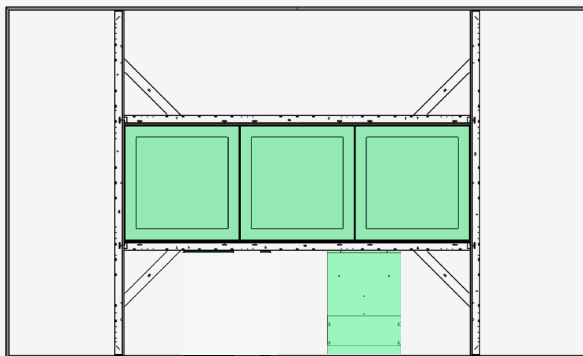
3. Large Island frame 20



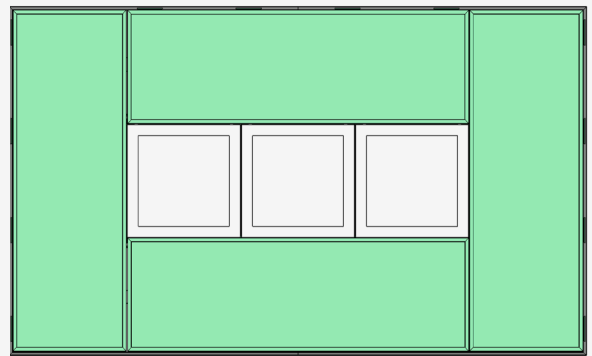
4. Small Island frame 30



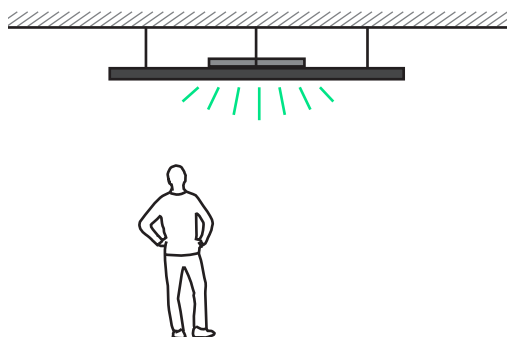
5. Skylights & Gear tray 38



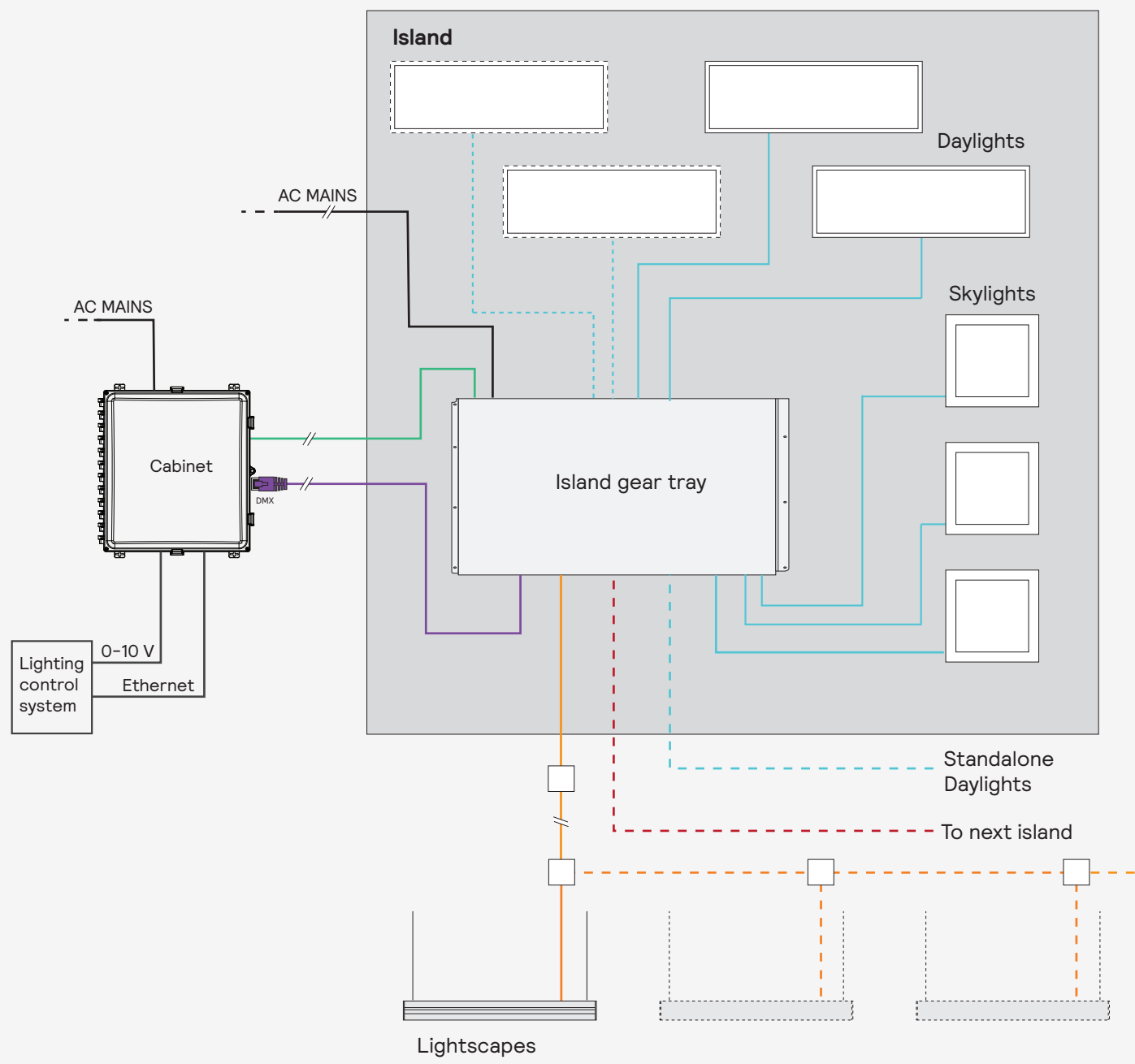
6. Daylights 45



7. Test installation 62

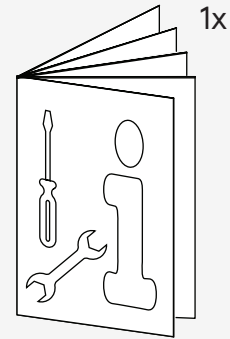
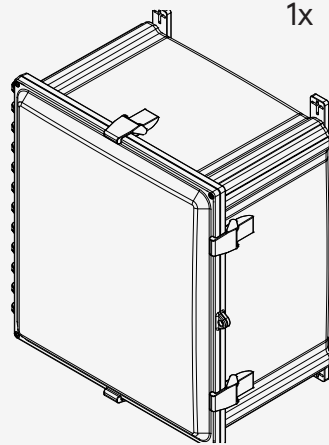


Preparation, Sensors & User interface



I

Unpack cabinet and materials

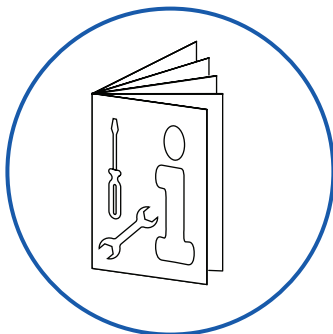


- Network cable Cat5e: Straight-through T-568B (for Lightscape)
- Mounting material cabinet
- 20AWG or better solid core copper cable for DALI connection to island

2

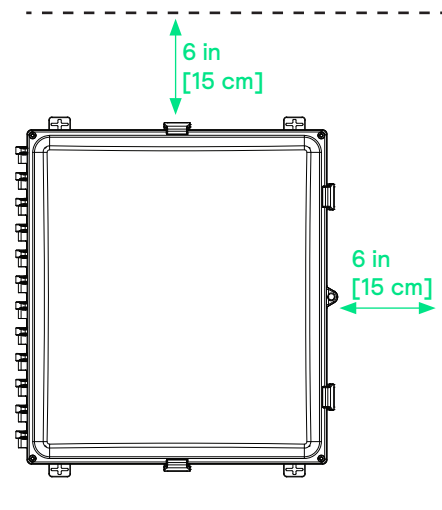
Mount cabinet to a wall

Use instructions that are included with the cabinet



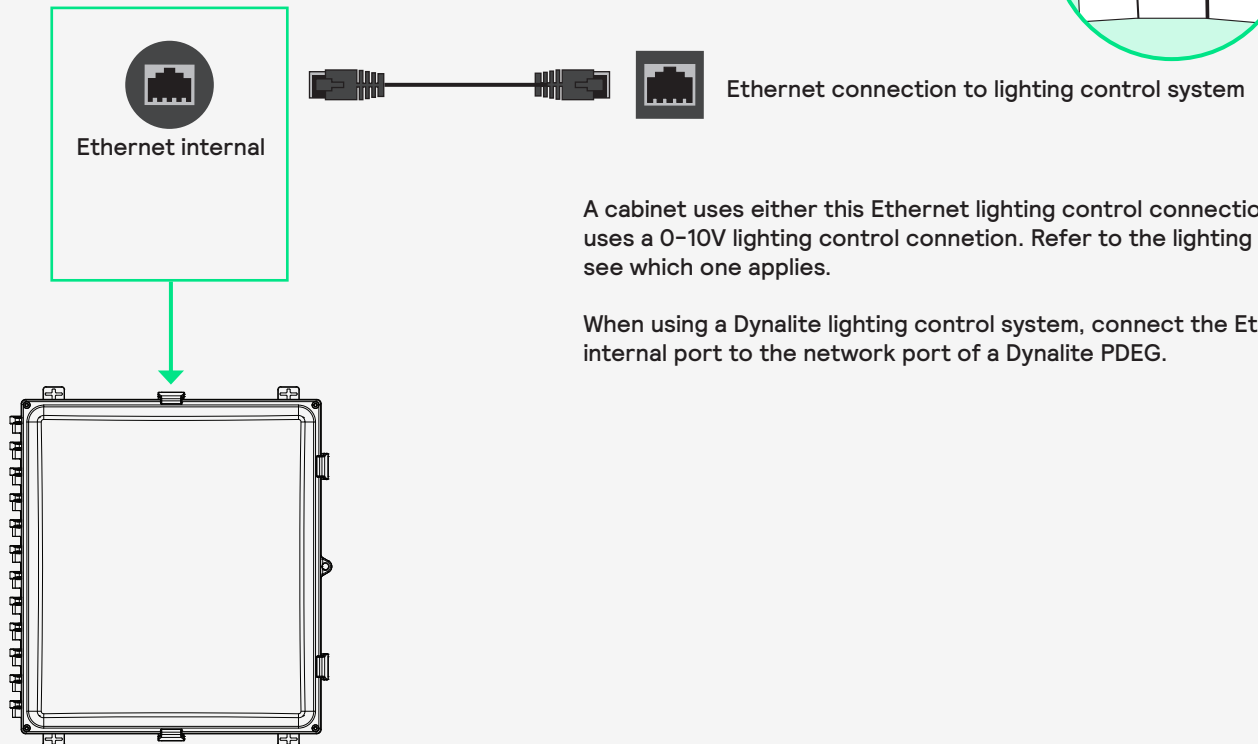
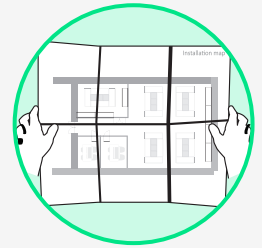
Don't change or damage the wiring inside the cabinet

Leave enough free area for cables above and to the right of the cabinet



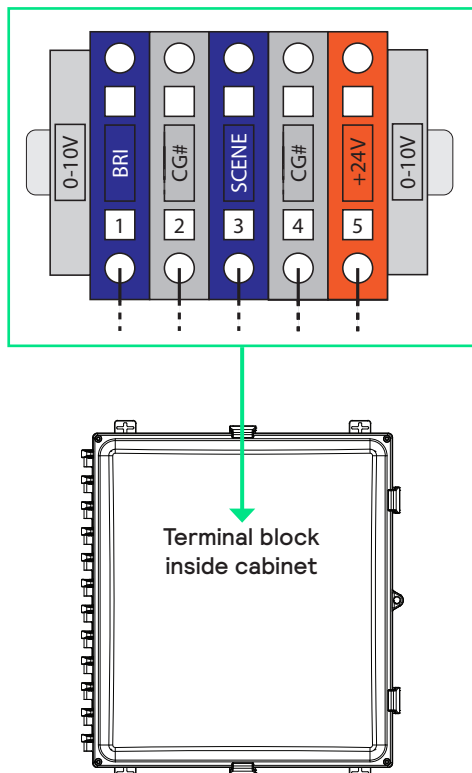
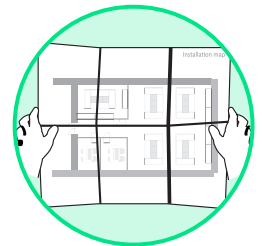
5

Ethernet Lighting control connection (not applicable for 0-10 V)



6

0-10 V Lighting control connection (not applicable for Ethernet)

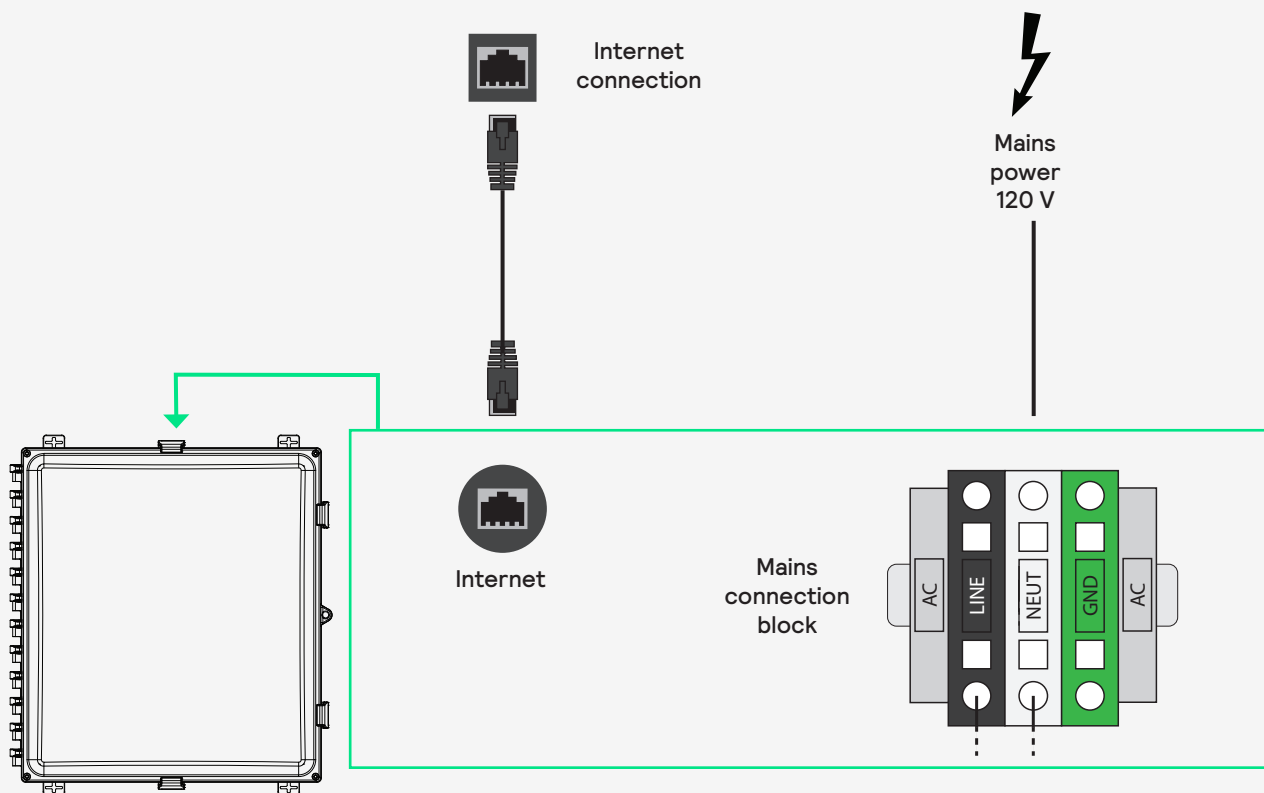


A cabinet uses either this 0-10V lighting control connection, or it uses an Ethernet lighting control connection. Refer to the lighting plan to see which one applies.

	Label	Color	Description
1	BRI	Blue	Brightness 0-10V positive
2	CG#	Gray	Brightness 0-10V negative
3	SCENE	Blue	Scene select 0-10V positive
4	CG#	Gray	Scene select 0-10V negative
5	+24V	Orange	+24V (do not connect)

7

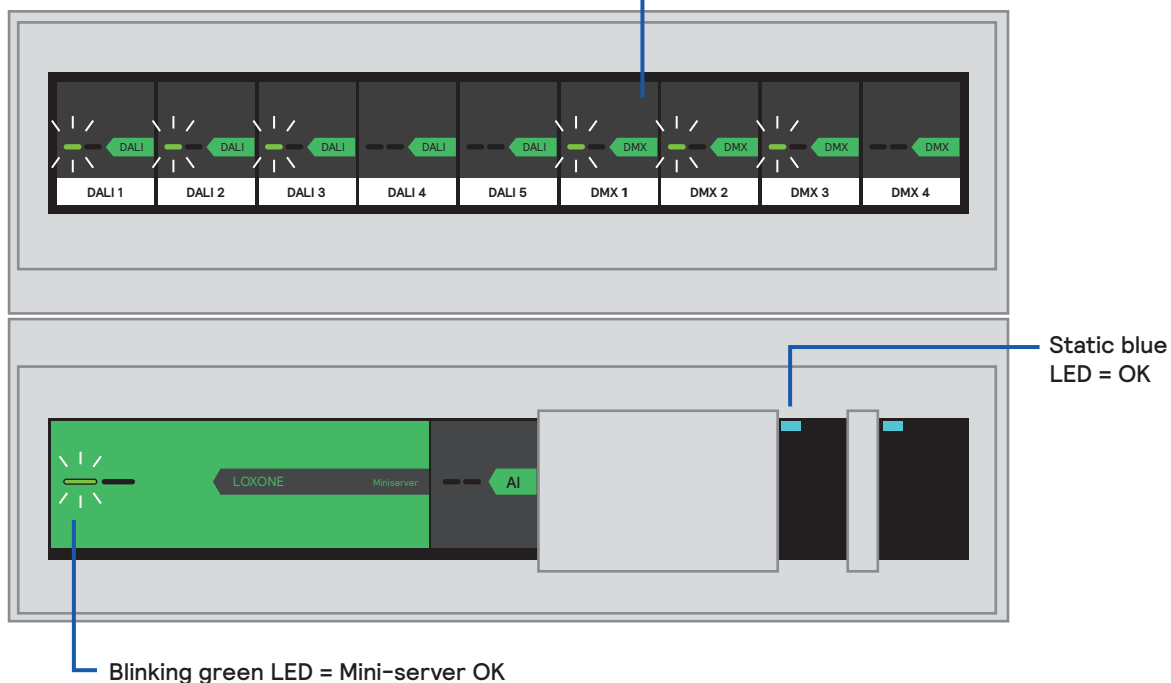
Connect network up-link and mains



8

Check status LEDs in the cabinet

Condition	Module LED status	Recommendation
Dali/DMX cable connected	Green blinking	Module works correct
	Orange / Red led	Issue in installation. Try disconnecting the cable
Dali/DMX cable not connected	Orange / Red led	Issue in cabinet. Call support
	Green blinking	Module works correct

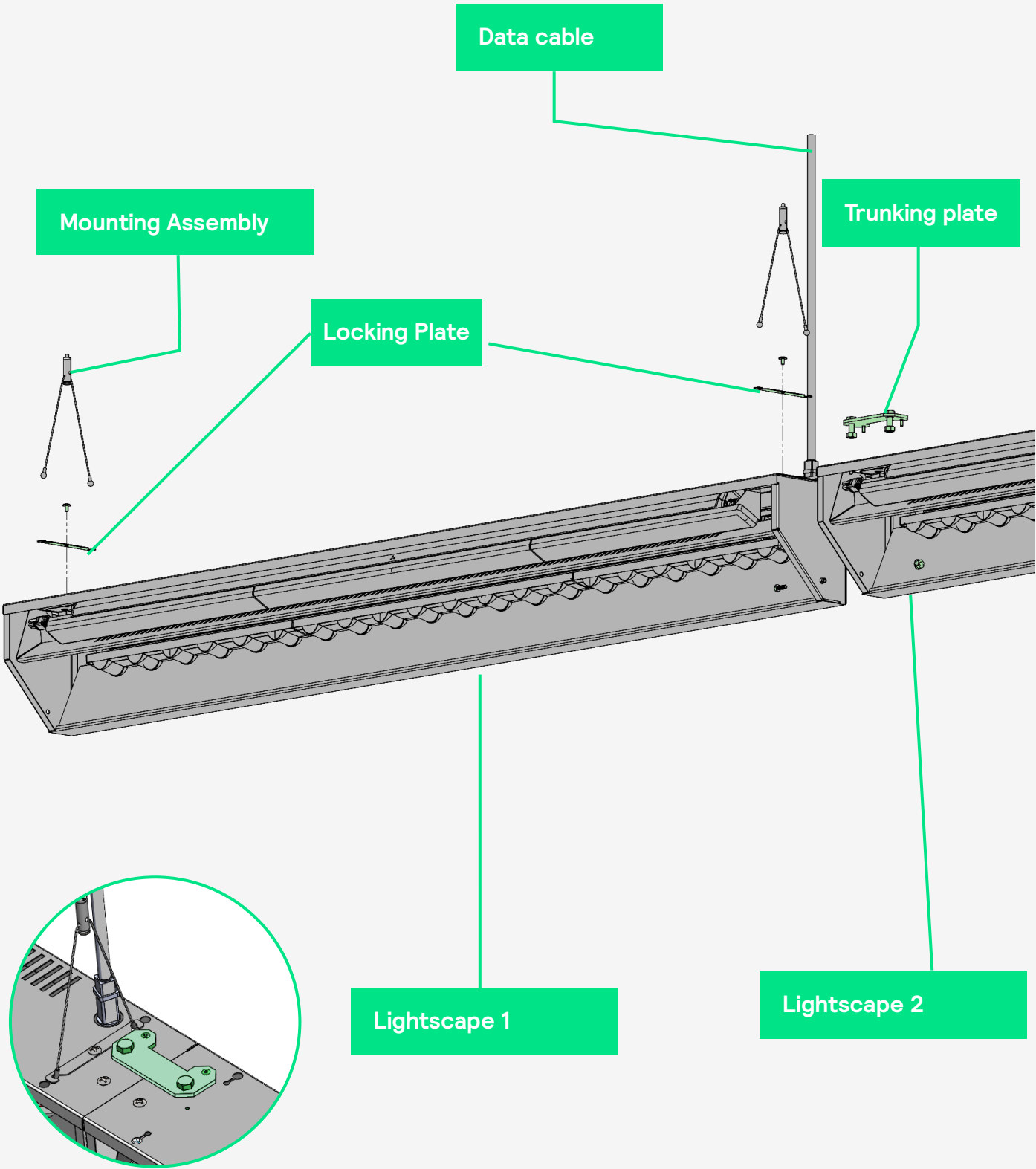


Configure the timezone into the control cabinet

Download the NatureConnect Cabinet Configuration Tool:

<http://downloads.natureconnect.cloud>

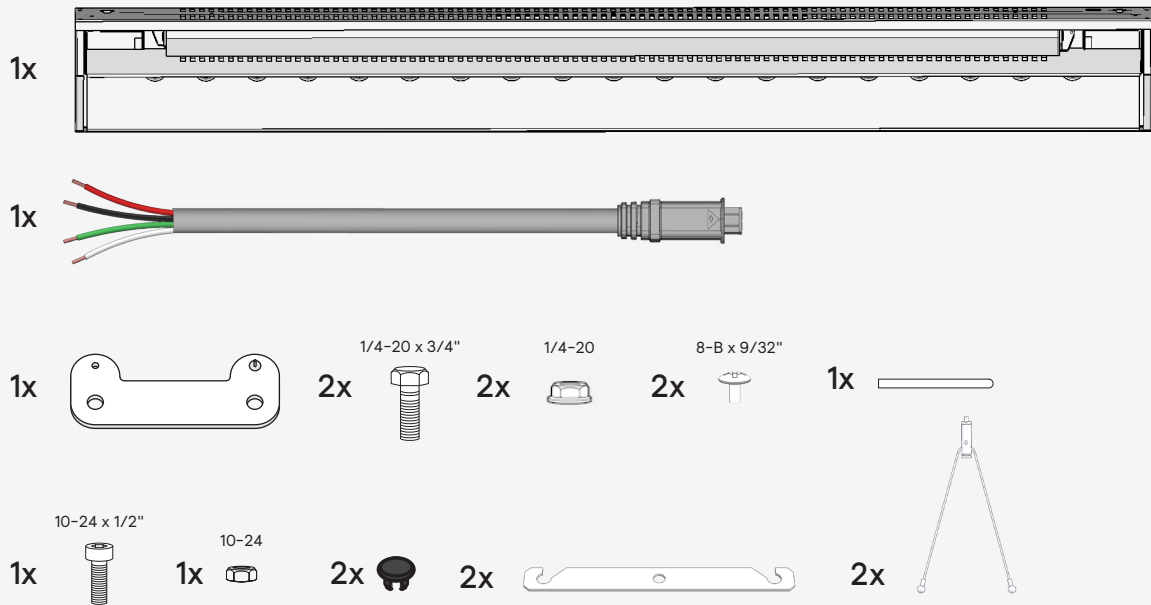




I

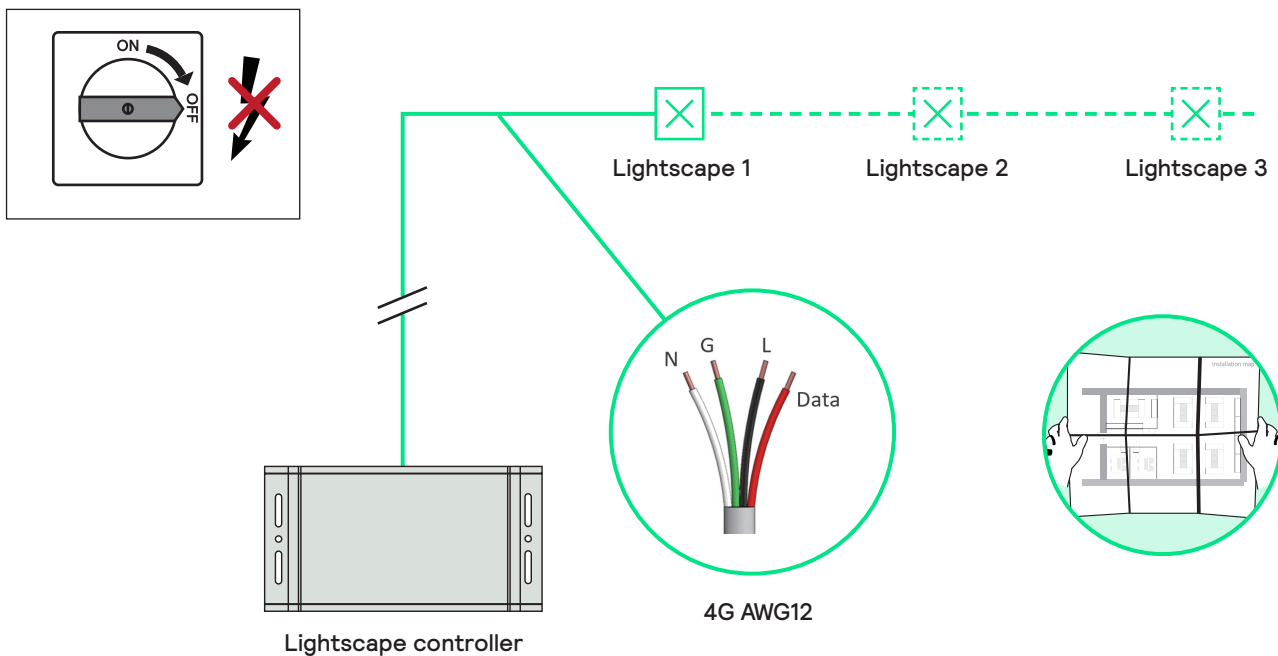
Unpack and check Lightscape

! Tools not included



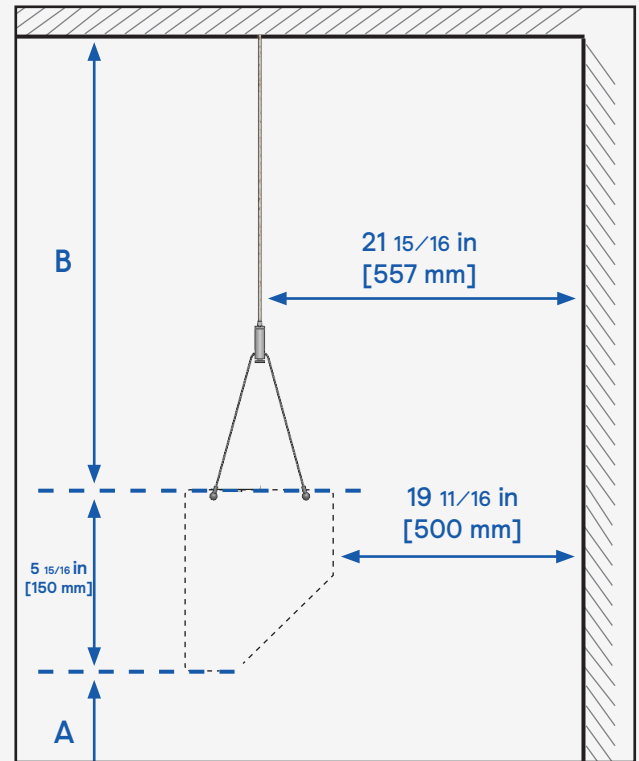
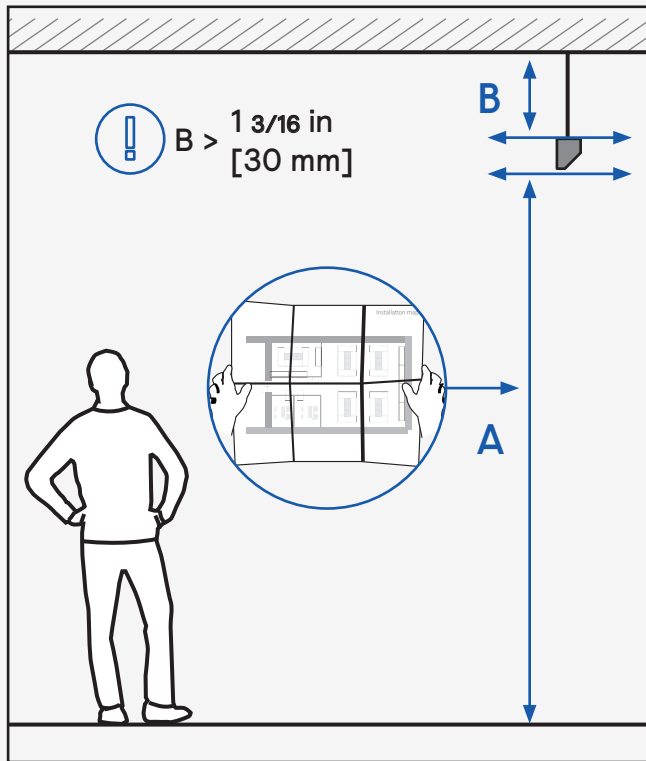
2

Prepare cable connections



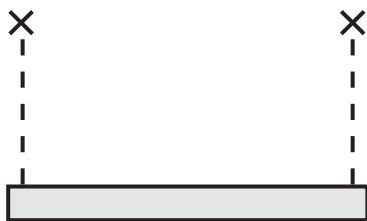
3

Define distance from wall and floor



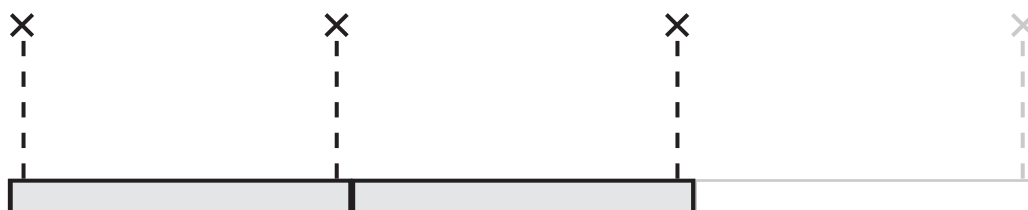
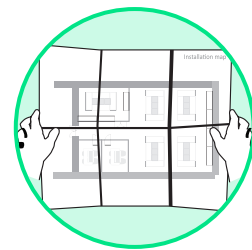
4

Single Lightscape or multiple connected Lightscapes



1 Lightscape

5

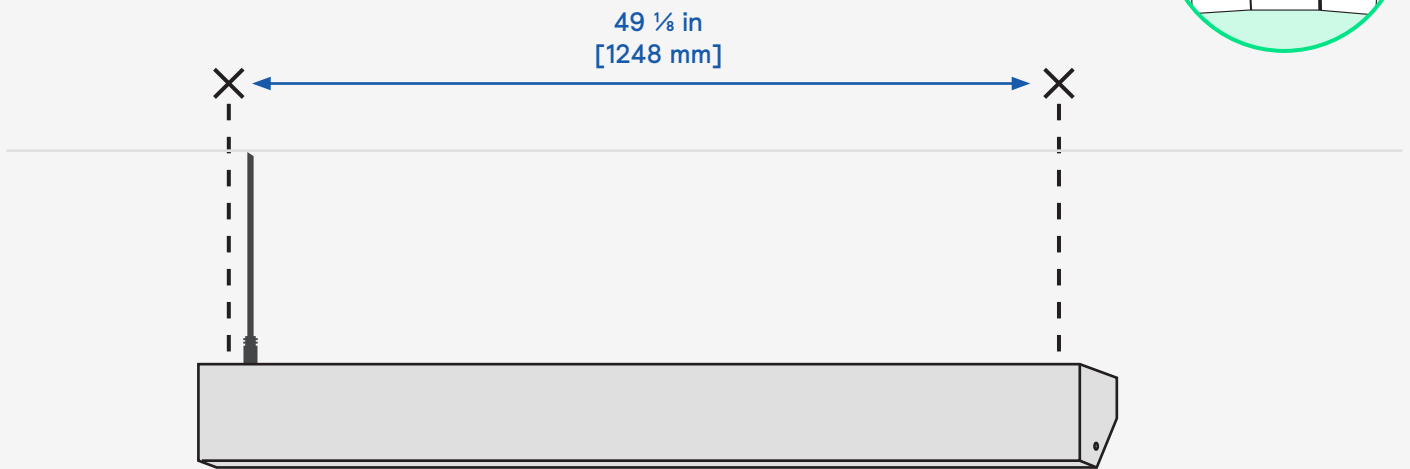
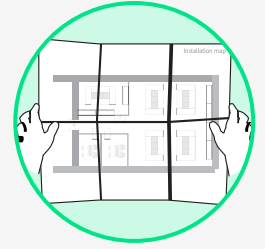


2 or more connected Lightscapes

10

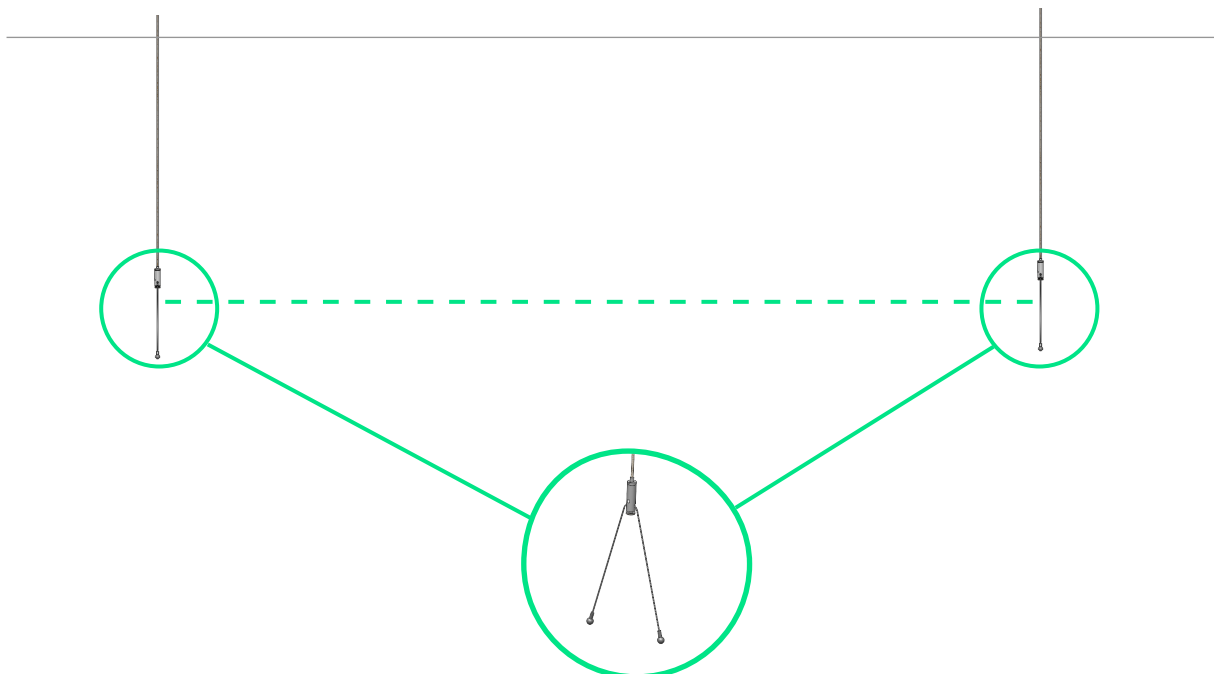
5

Define suspension points



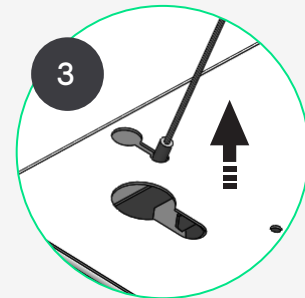
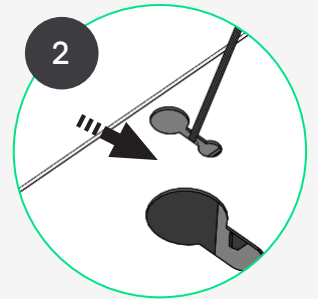
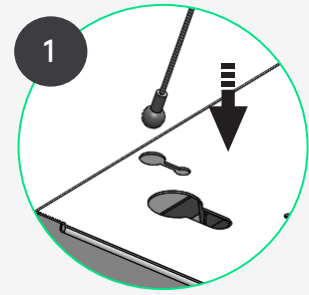
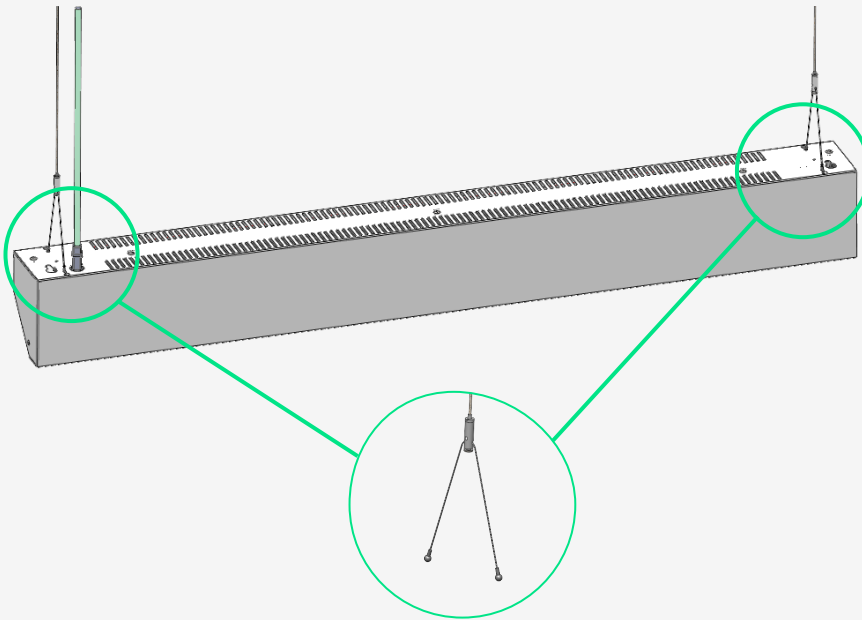
6

Prepare suspension



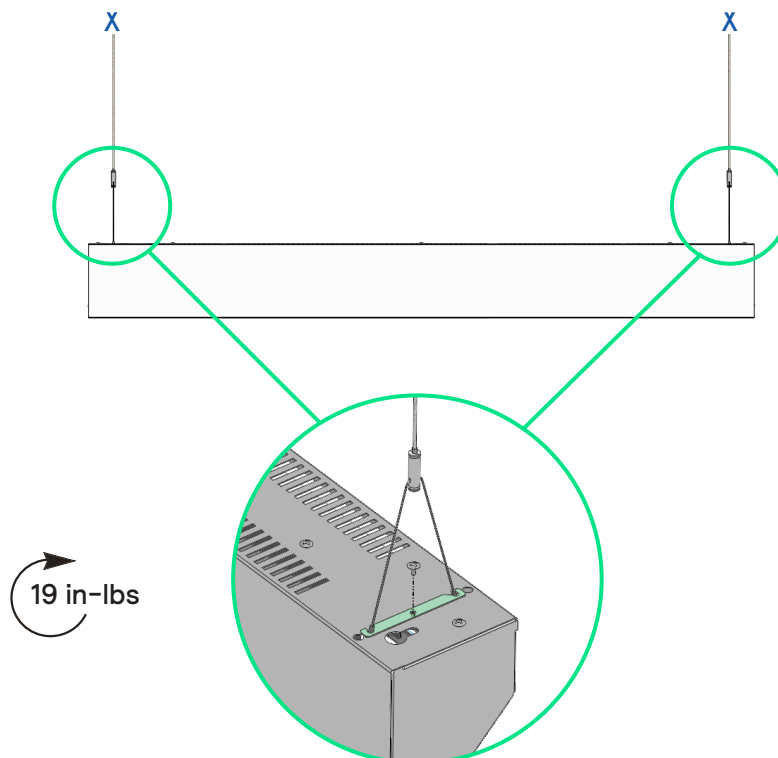
7

Mount Lightscape to suspension



8

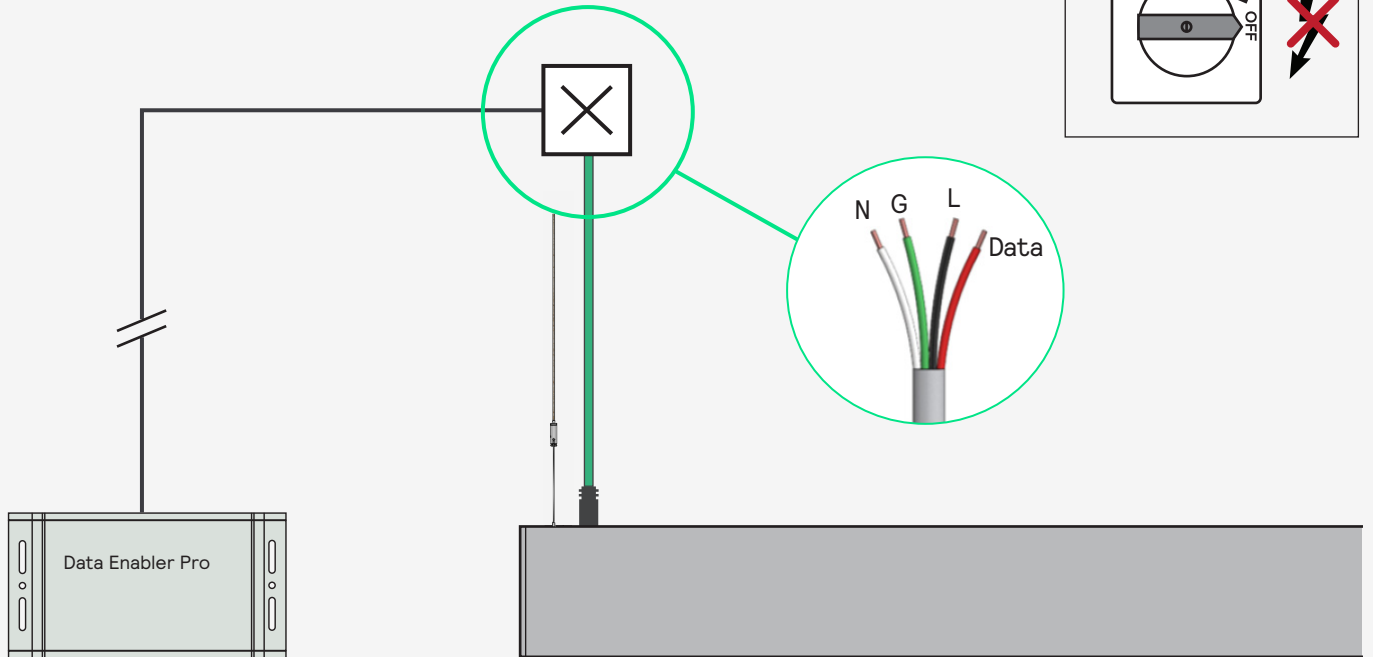
Secure mounting assembly with locking plate



19 in-lbs

9

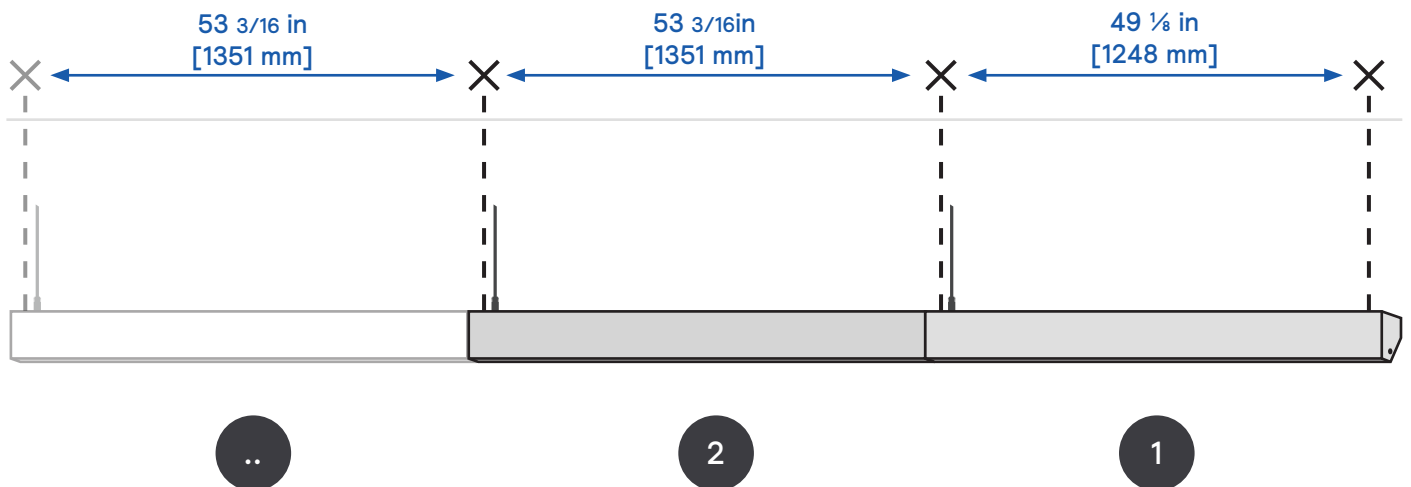
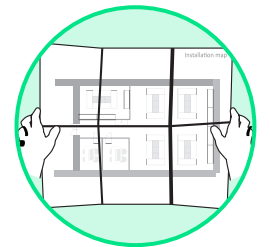
Connect cables



19

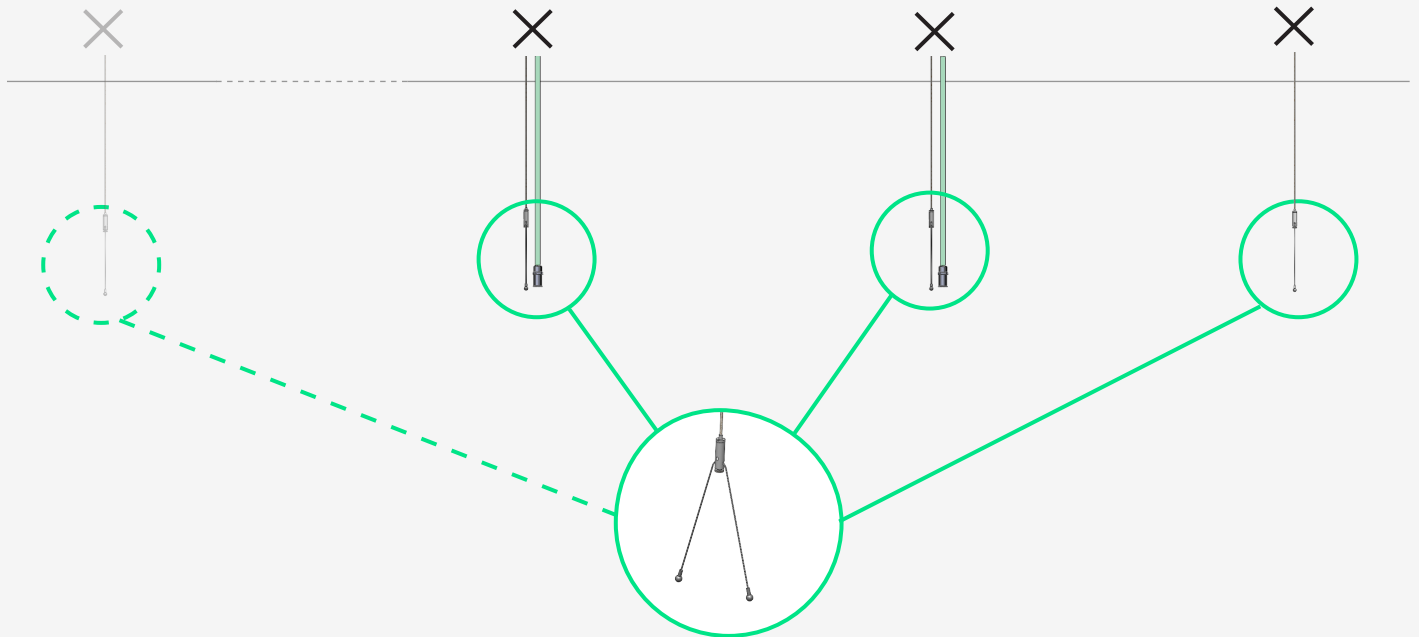
10

Multiple Lightscapes: Define suspension points



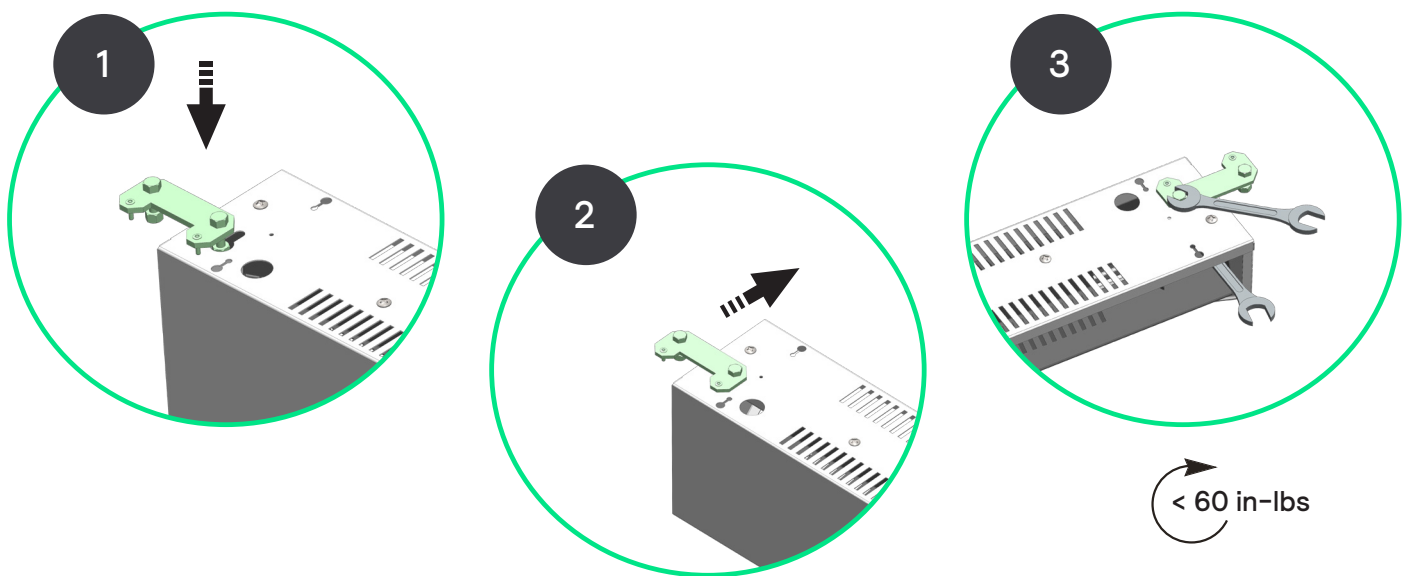
II

Prepare suspension points



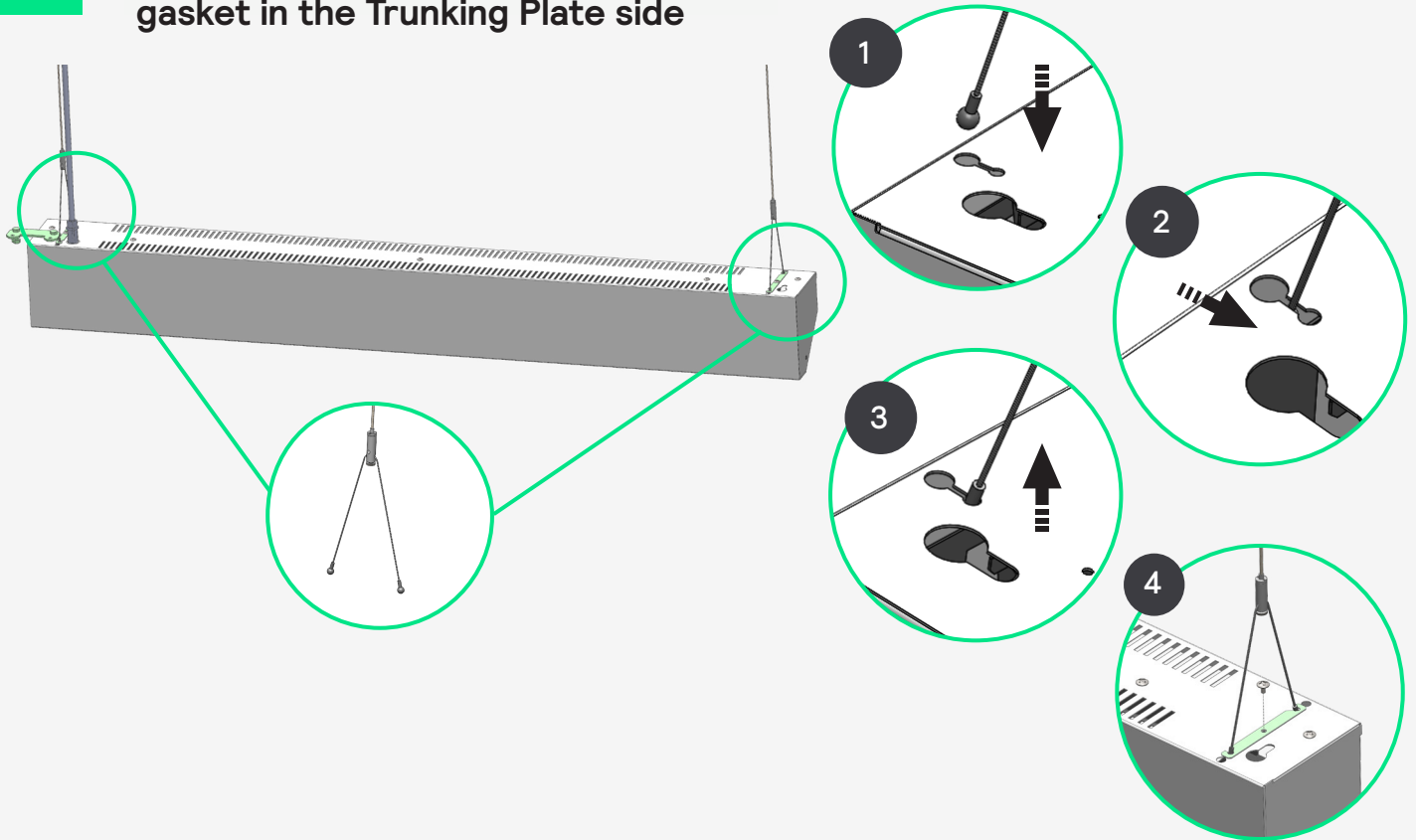
12

Mounting Trunking Plate to end of Lightscape with incoming power



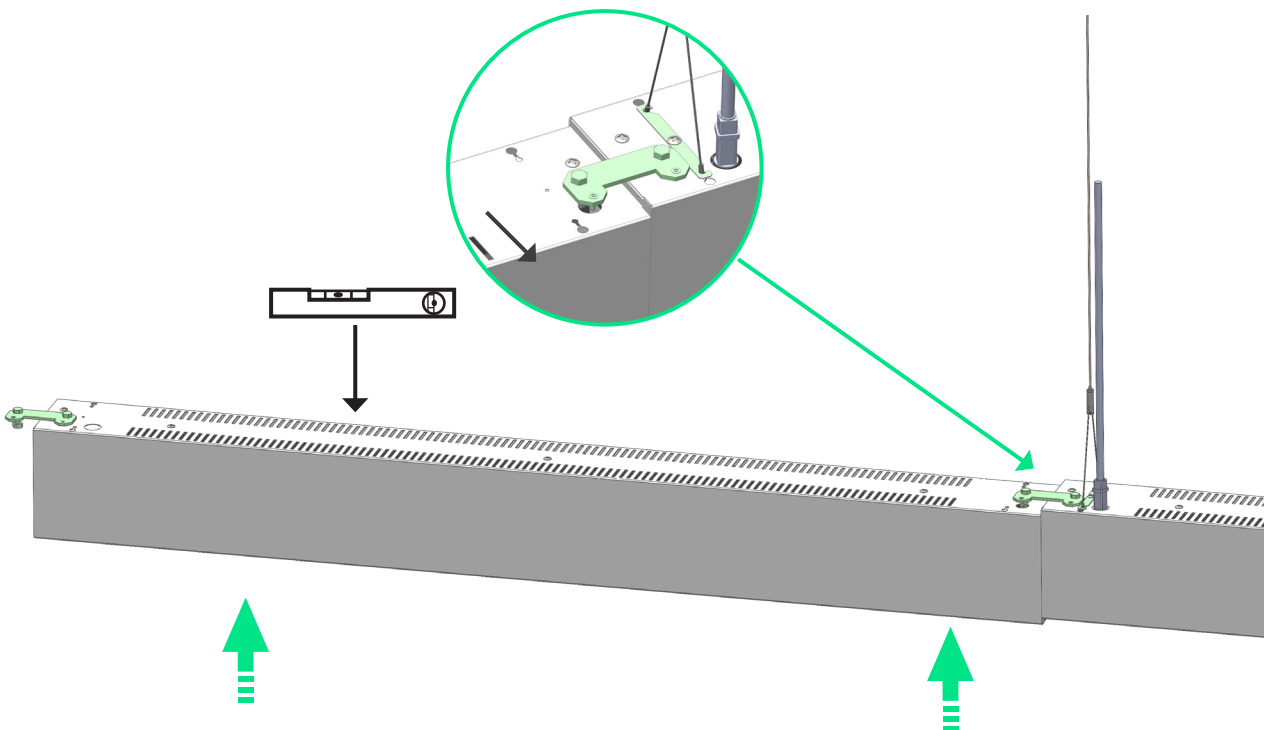
13

Mount First Lightscape, secure Safety Brackets and place the adhesive gasket in the Trunking Plate side



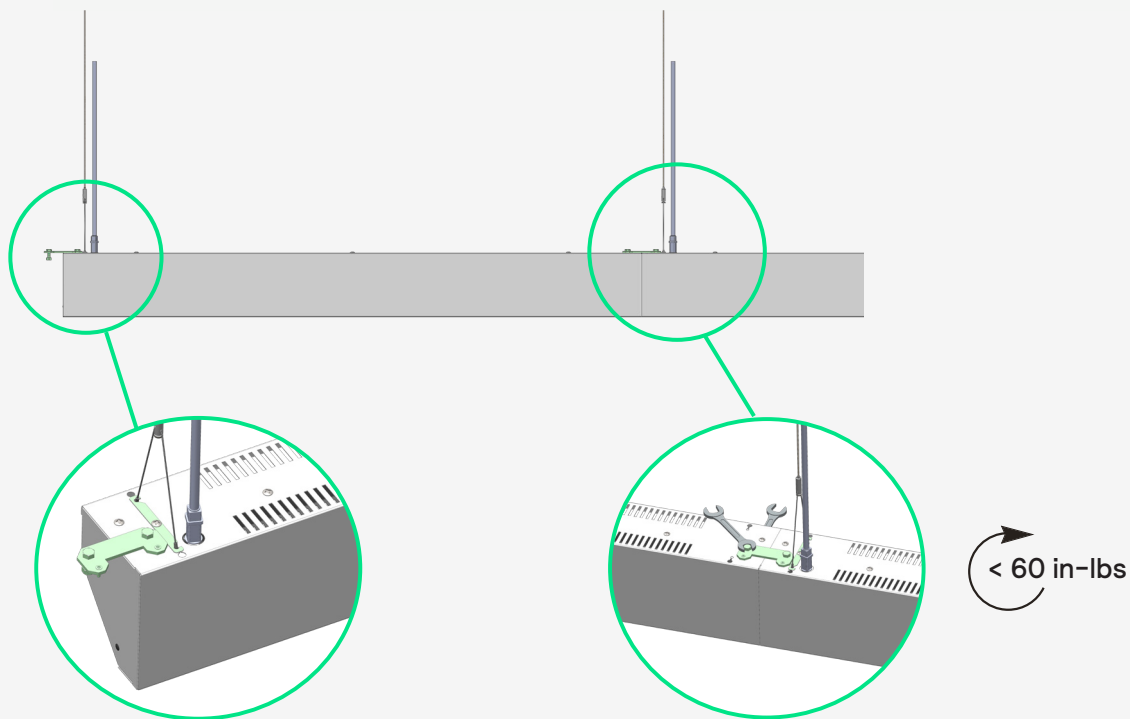
14

Mount Second Lightscape with Trunking Plate



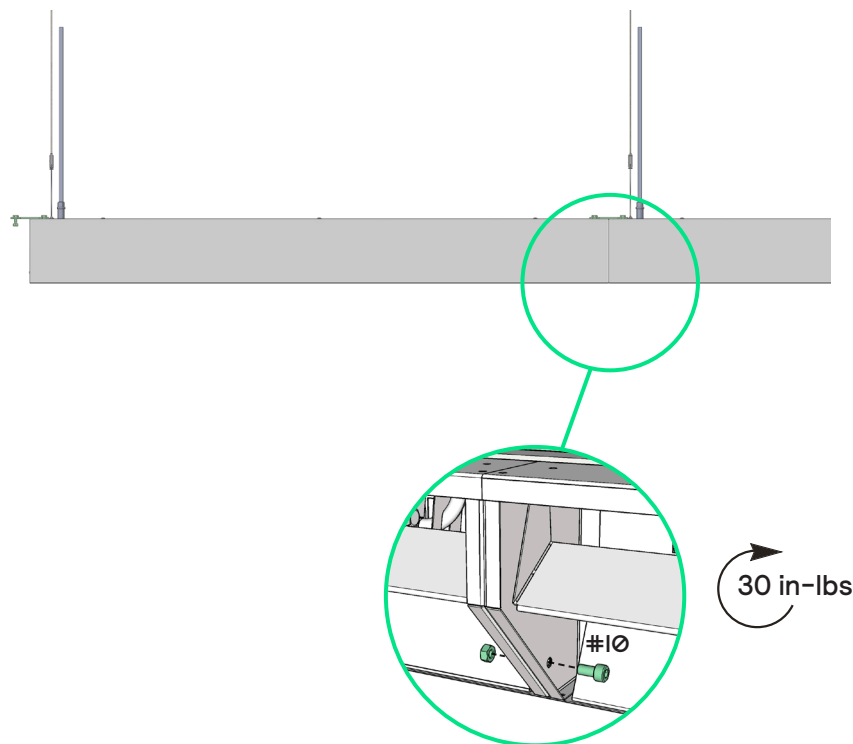
15

Secure trunking plate by tightening bolt and secure other end of suspension cable with safety bracket



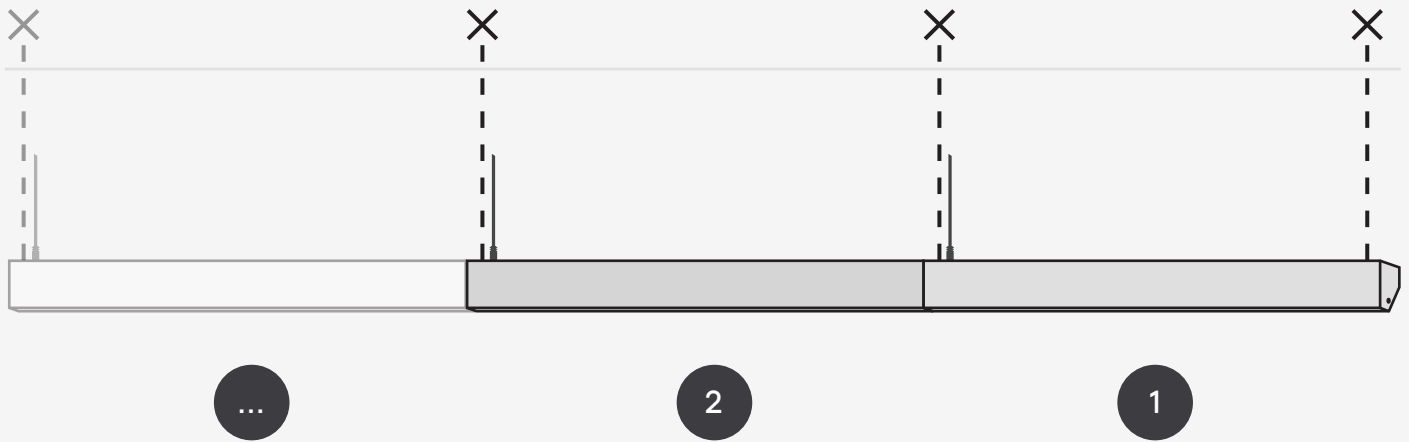
16

Fix sides together



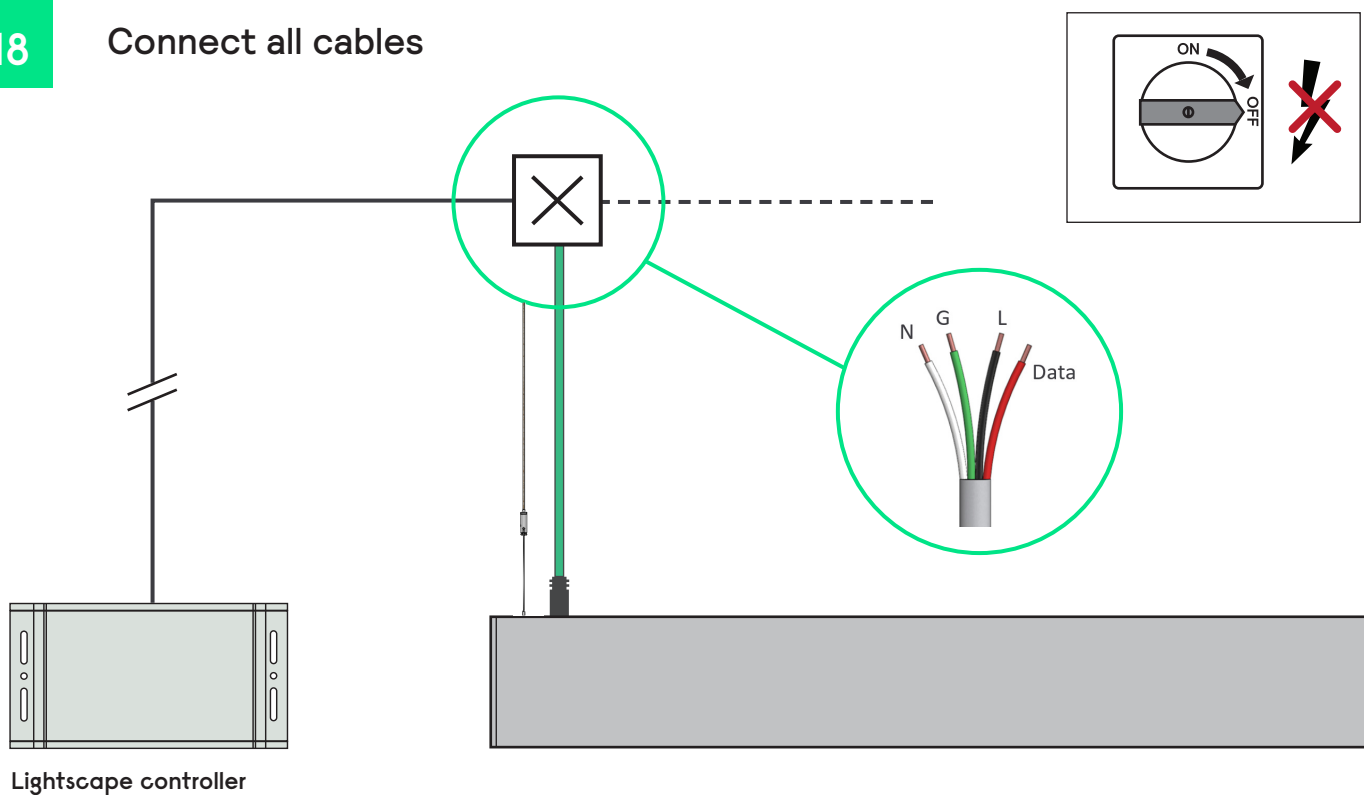
17

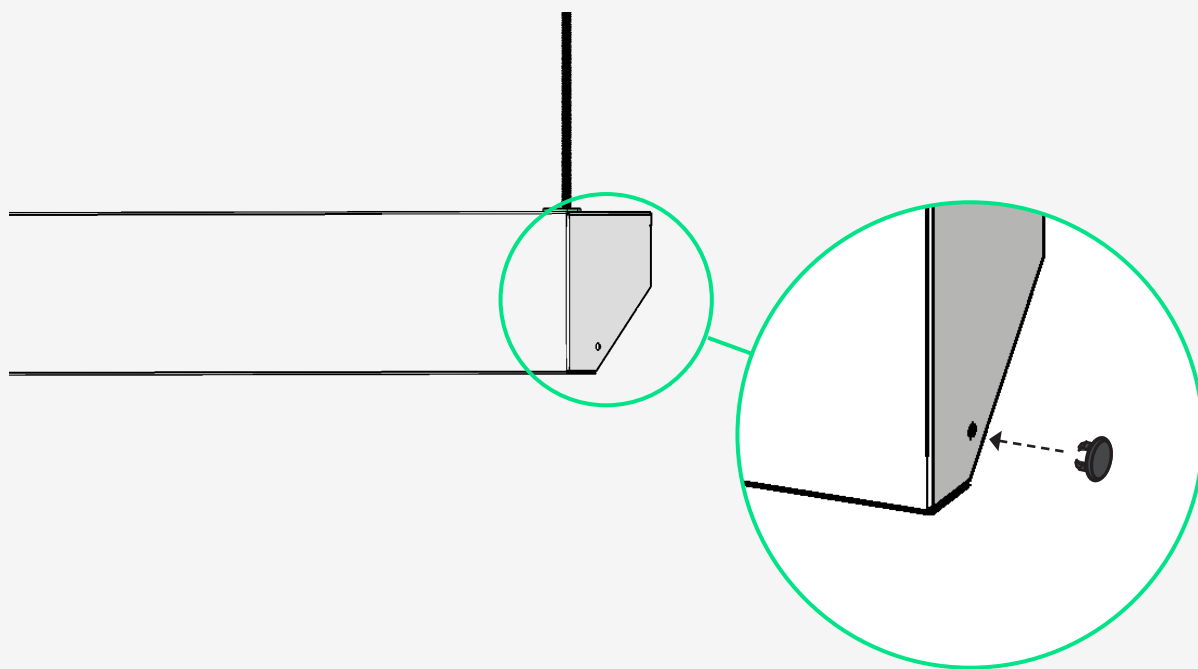
Repeat steps 12 thru 16 to add additional Lightscape



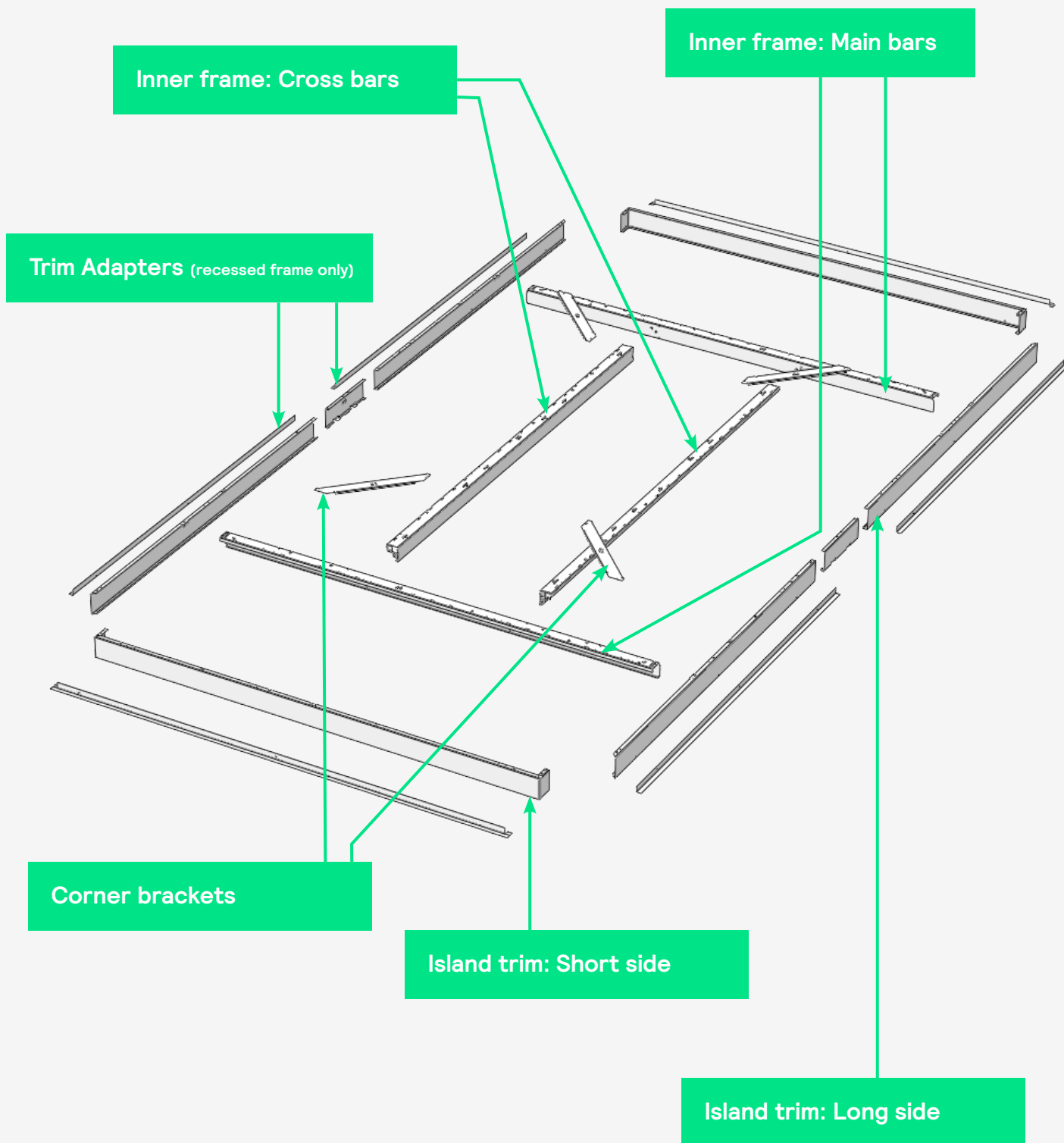
18

Connect all cables





Large Island frame

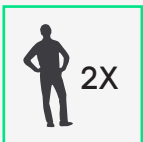
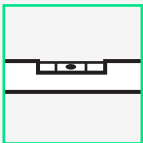
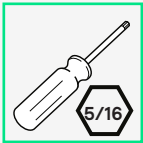
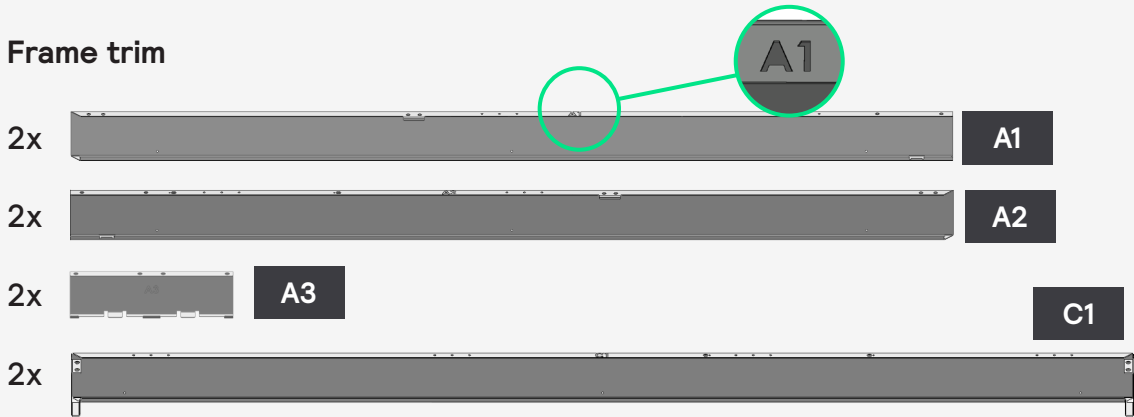


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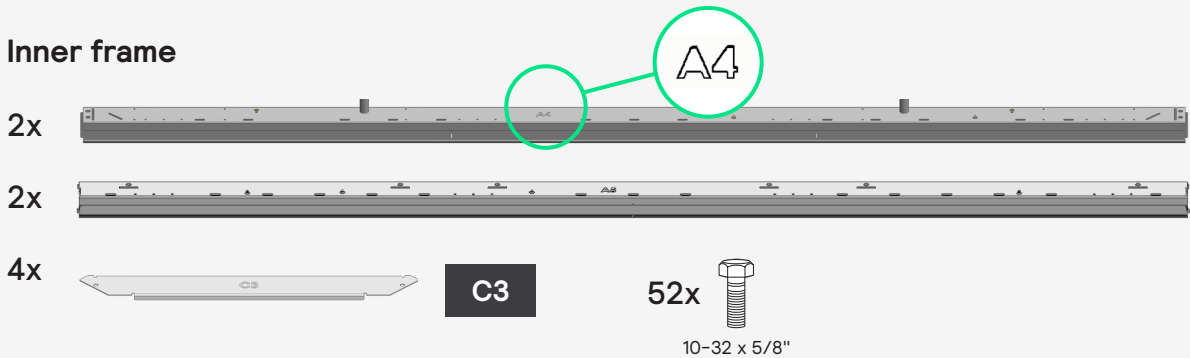
Unpack and collect all material

! Tools not included

Frame trim



Inner frame



A4

A5

Recessed version only

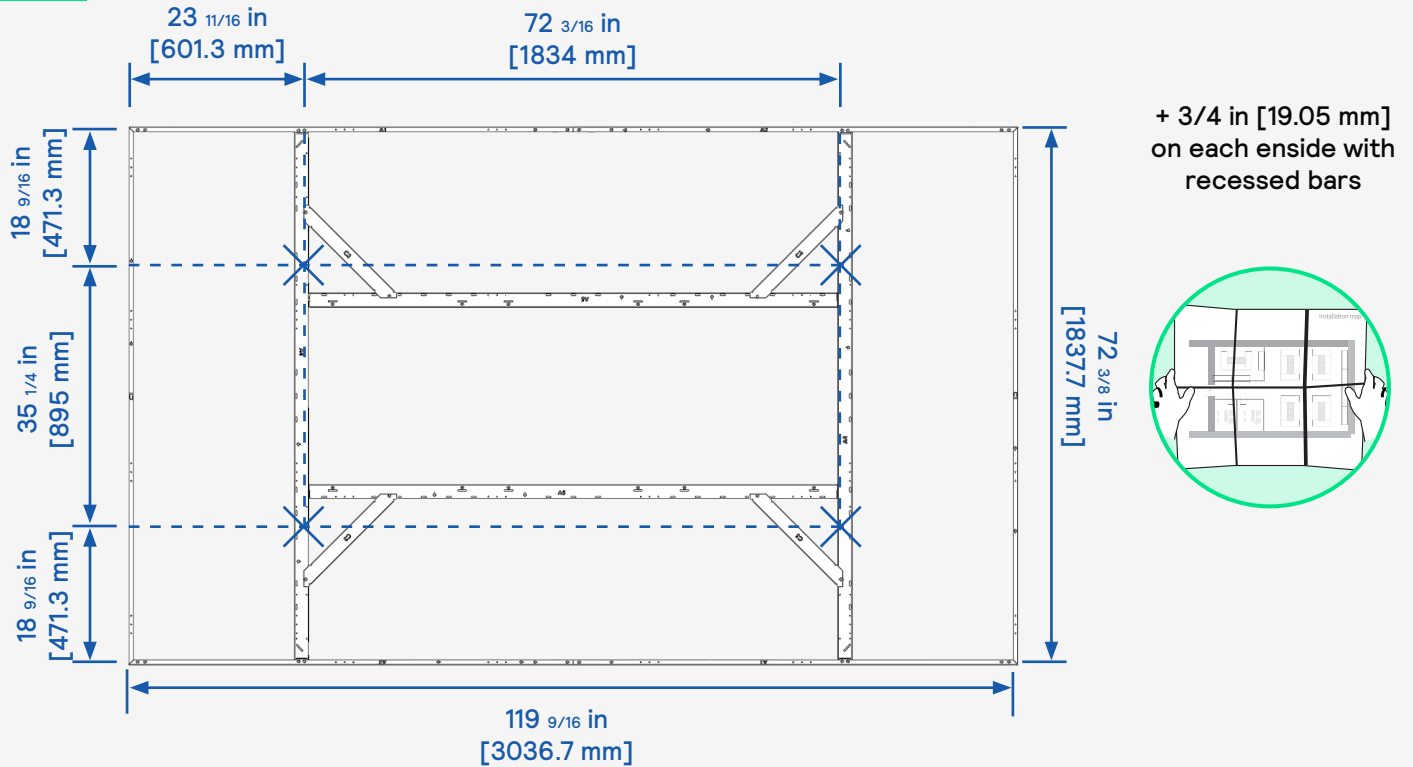


Suspension kit



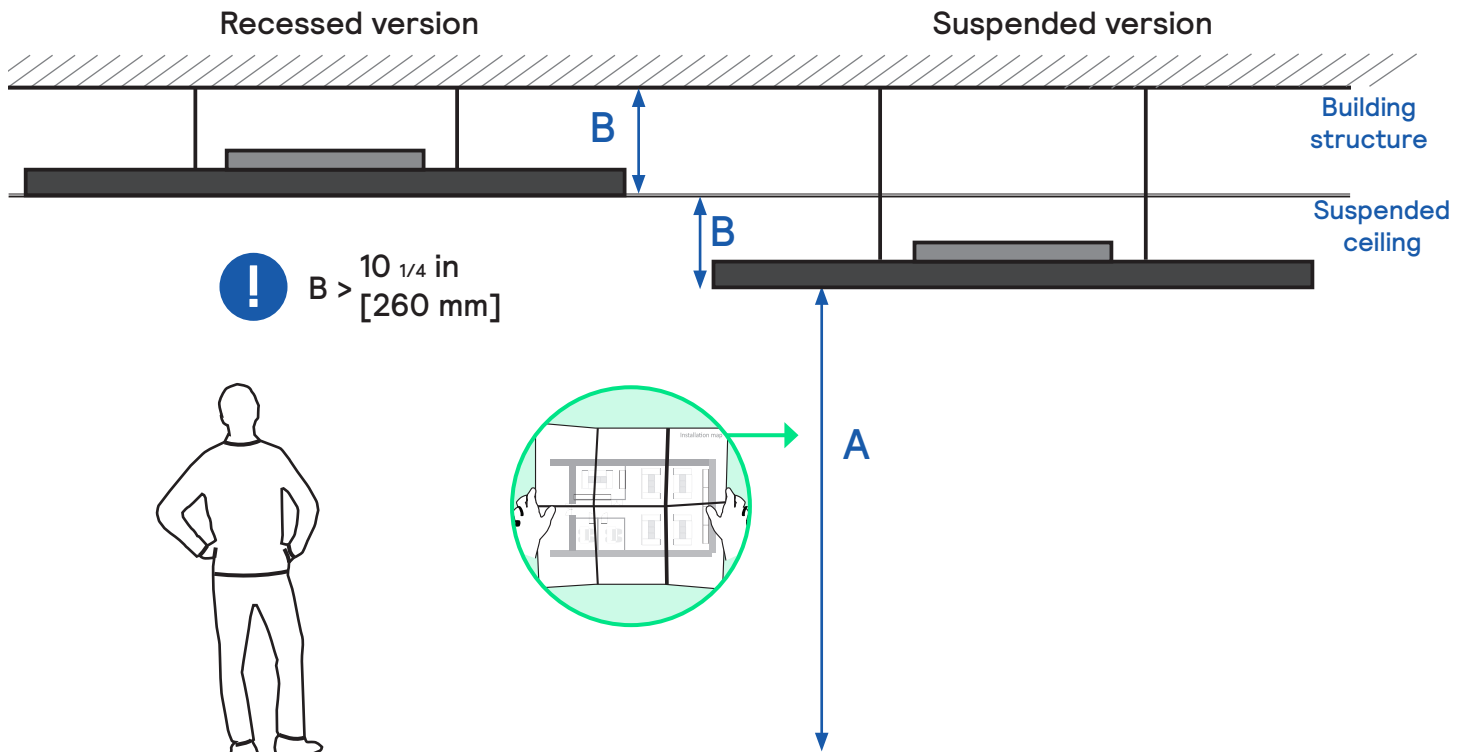
2

Define suspension points positions



3

Prepare suspension to the ceiling

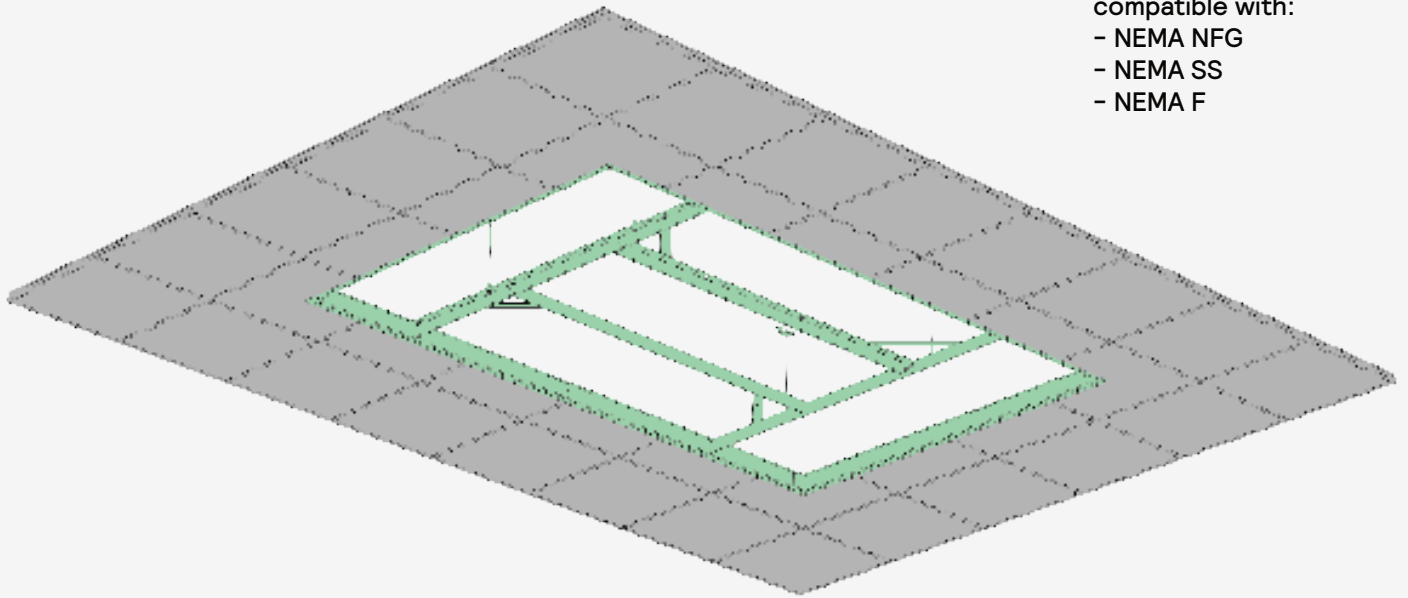


4

For recessed version, consider frame position on suspended ceiling before starting the installation

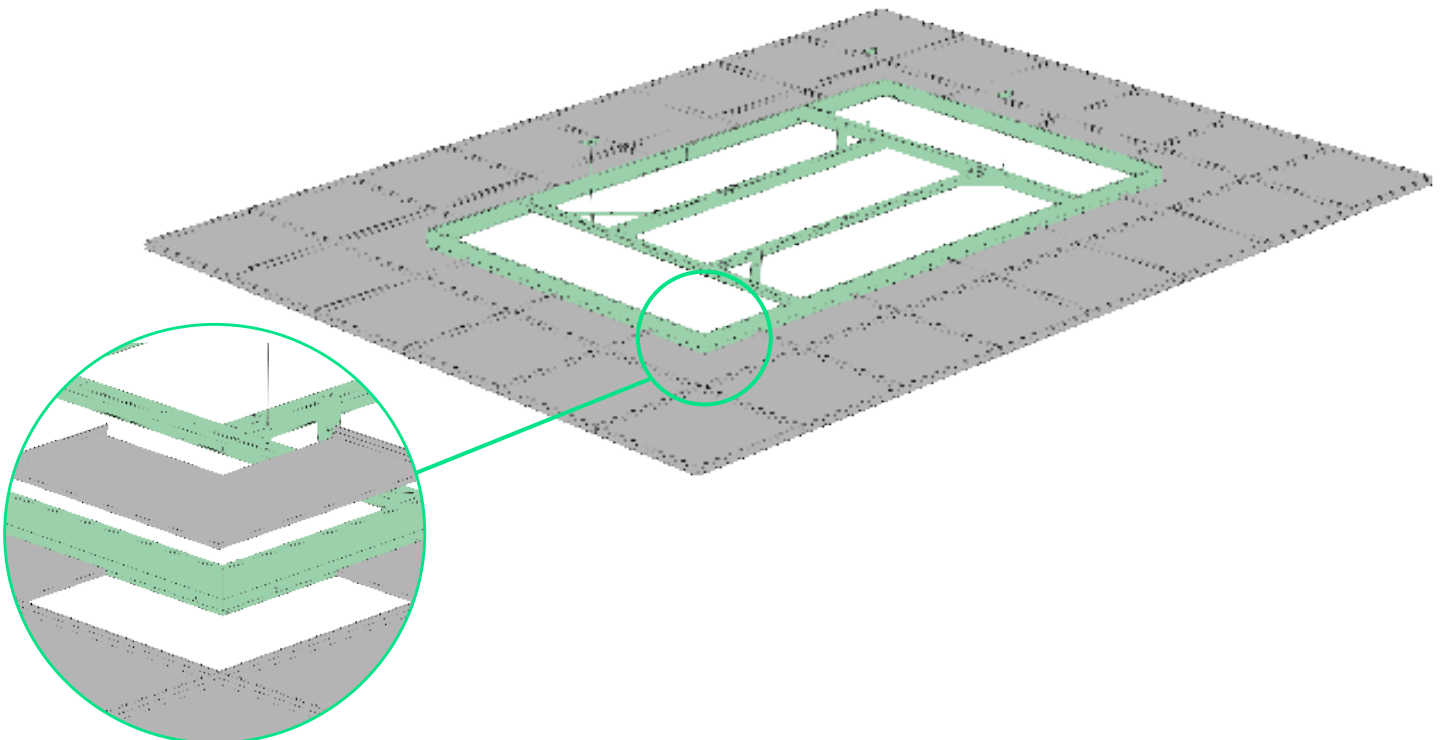
Recessed frame compatible with:

- NEMA NFG
- NEMA SS
- NEMA F



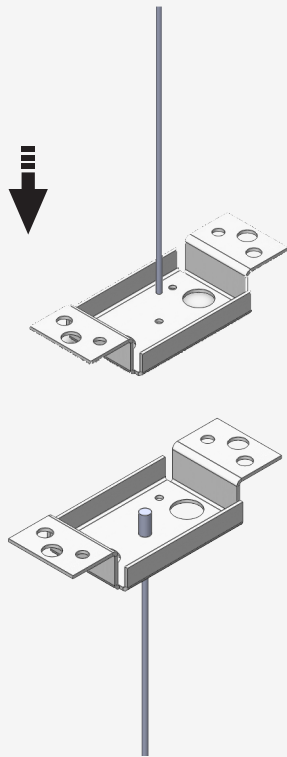
5

Cut the tiles and grids and place them on the recessed bars



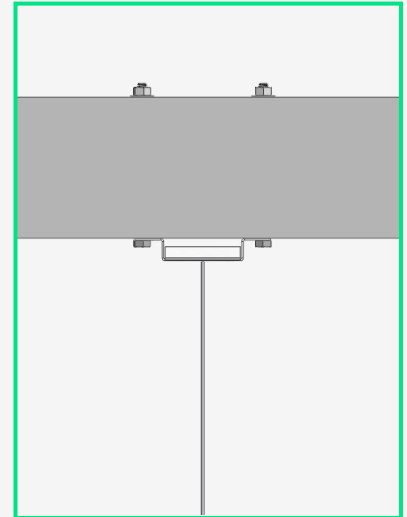
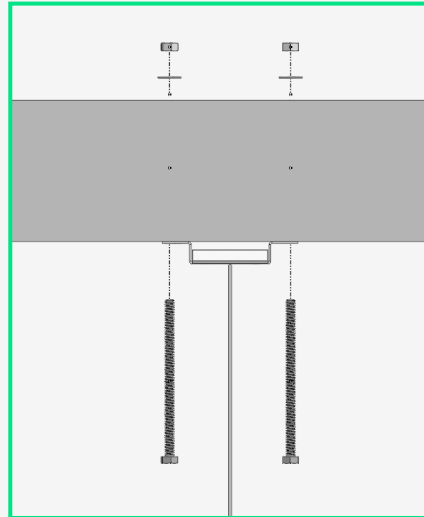
6

Pass the cable through the brackets and fix them to the building structure



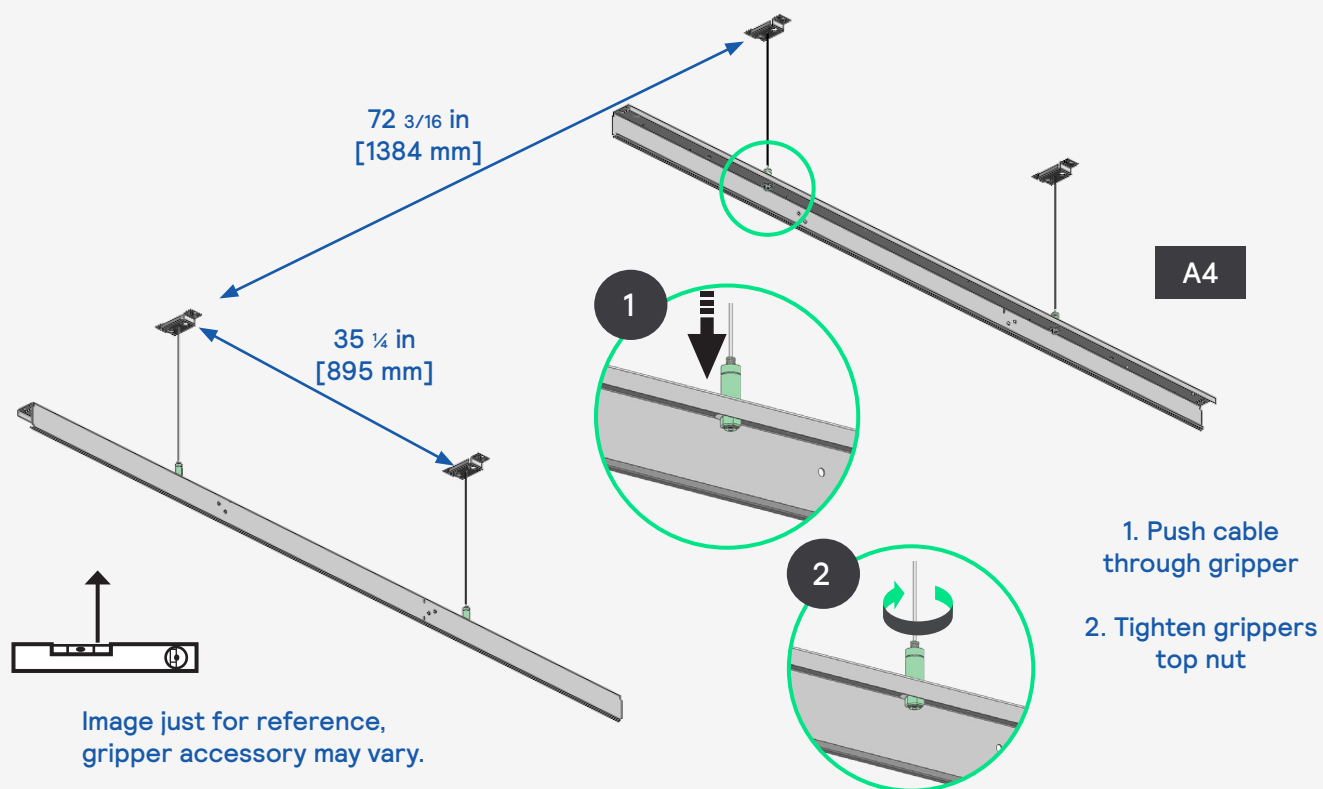
4X

ATTACH BRACKETS TO
BUILDING STRUCTURE
WITH 5/16" HARDWARE
(SUPPLIED BY OTHERS)



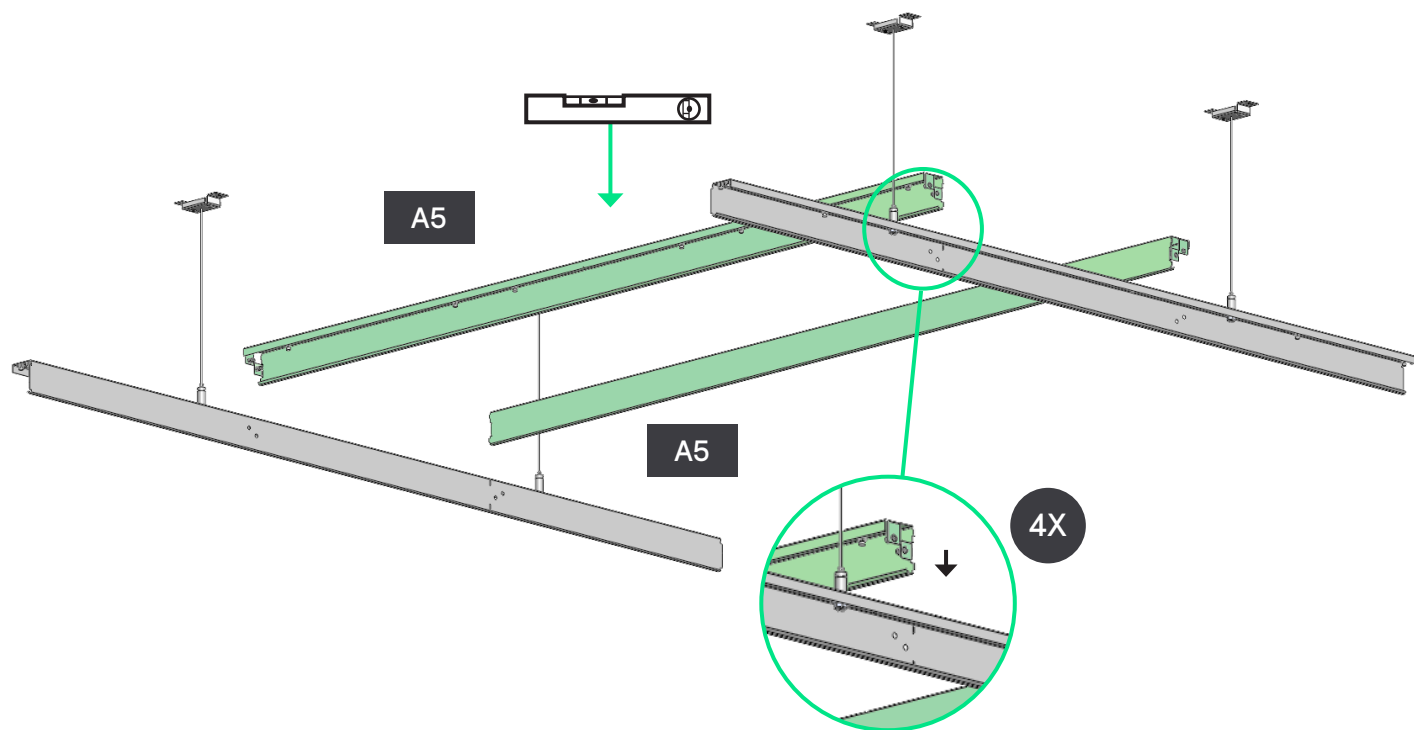
7

Attach main bars to ceiling suspension



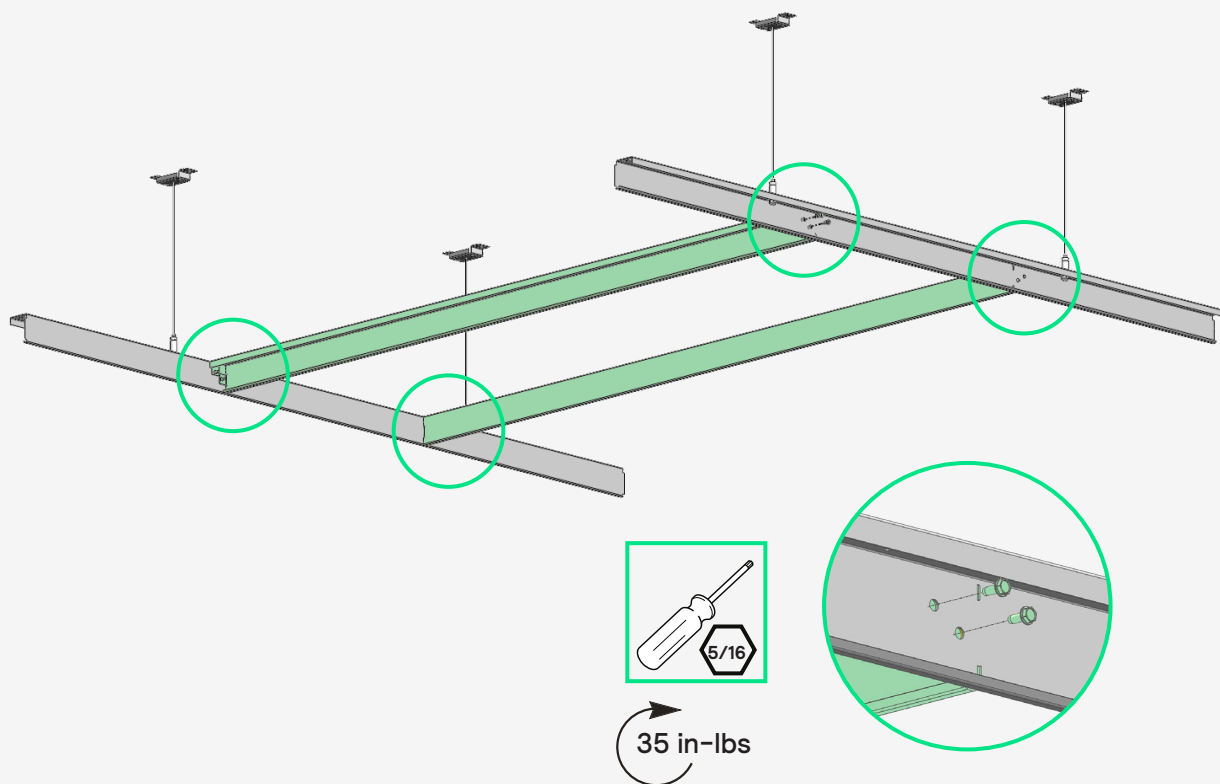
8

Mount cross bars to the main bars



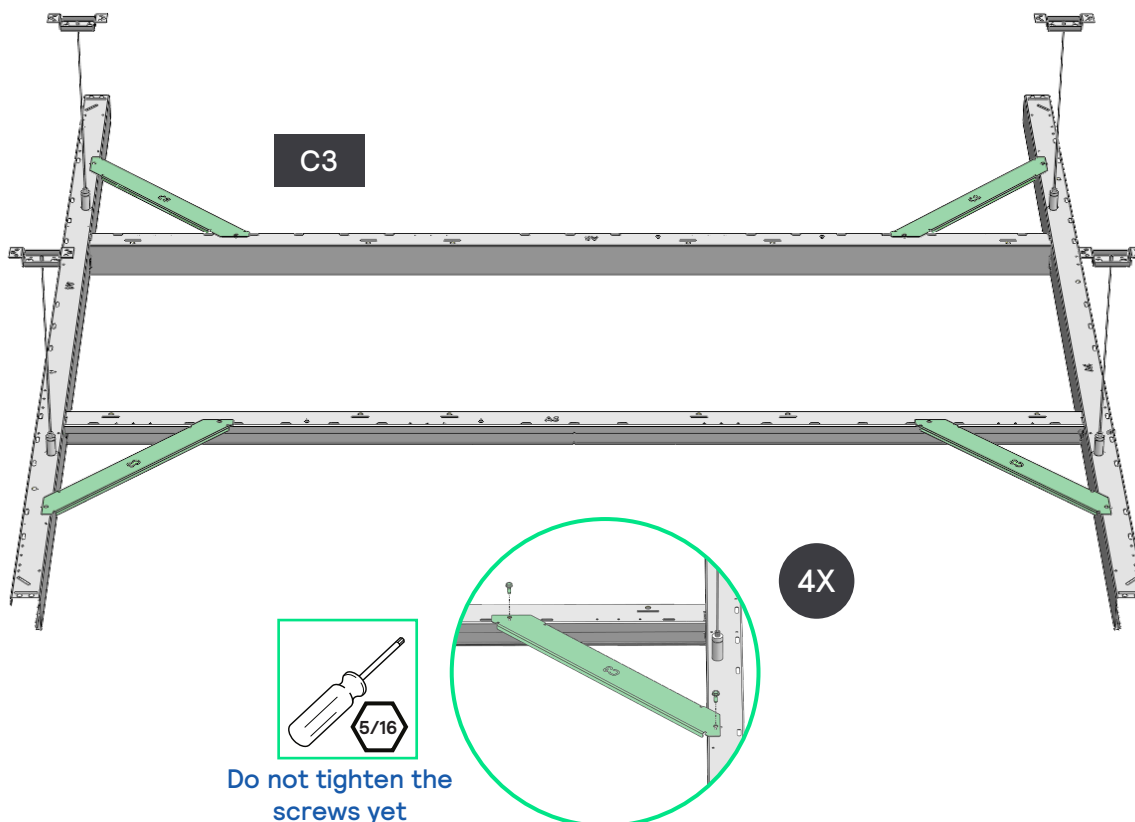
9

Fix cross bars with screws



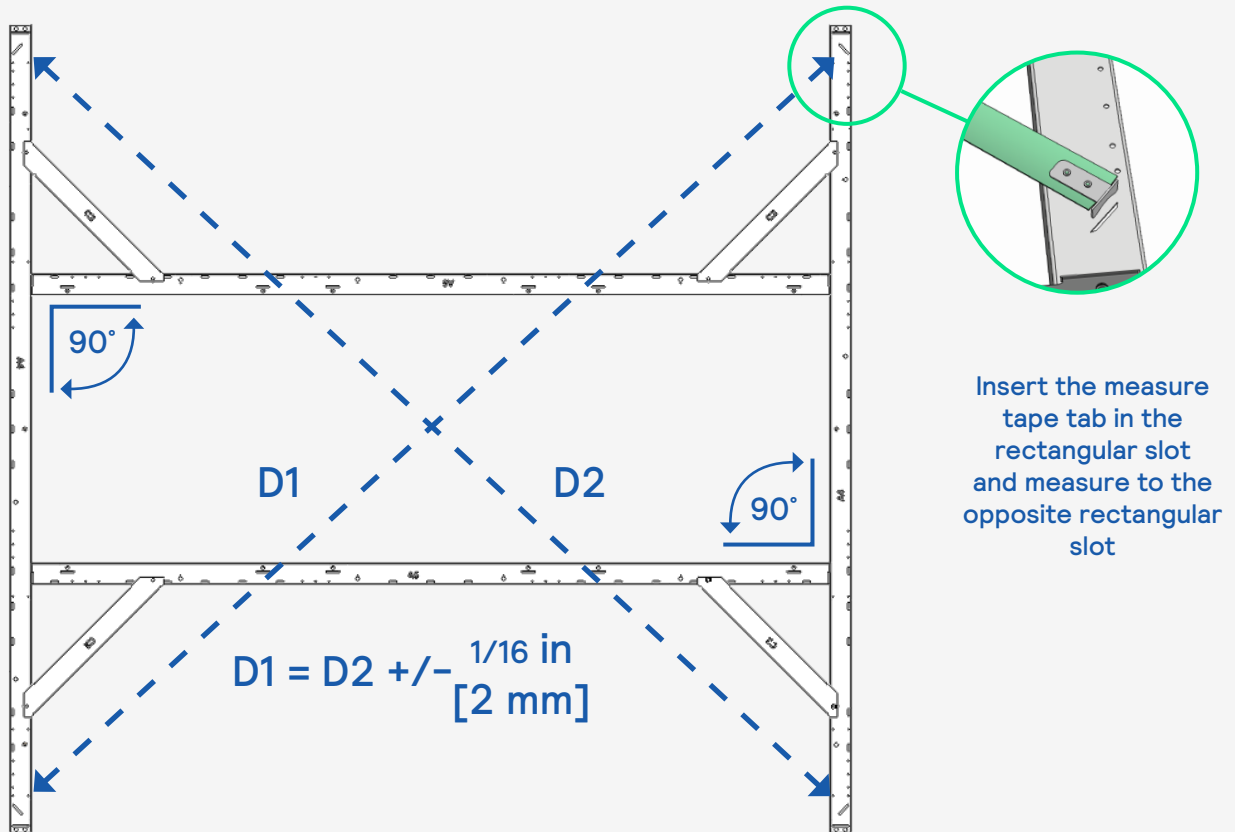
10

Mount corner brackets



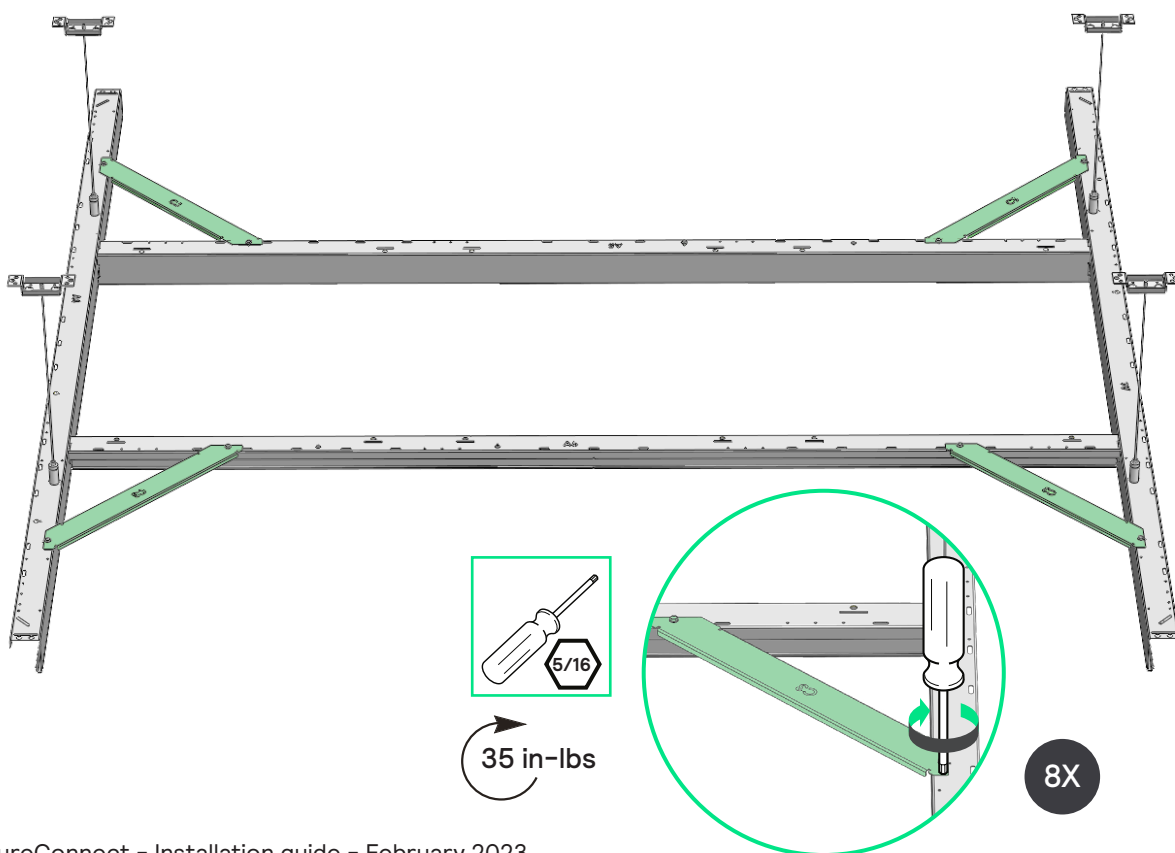
II

Measure diagonals



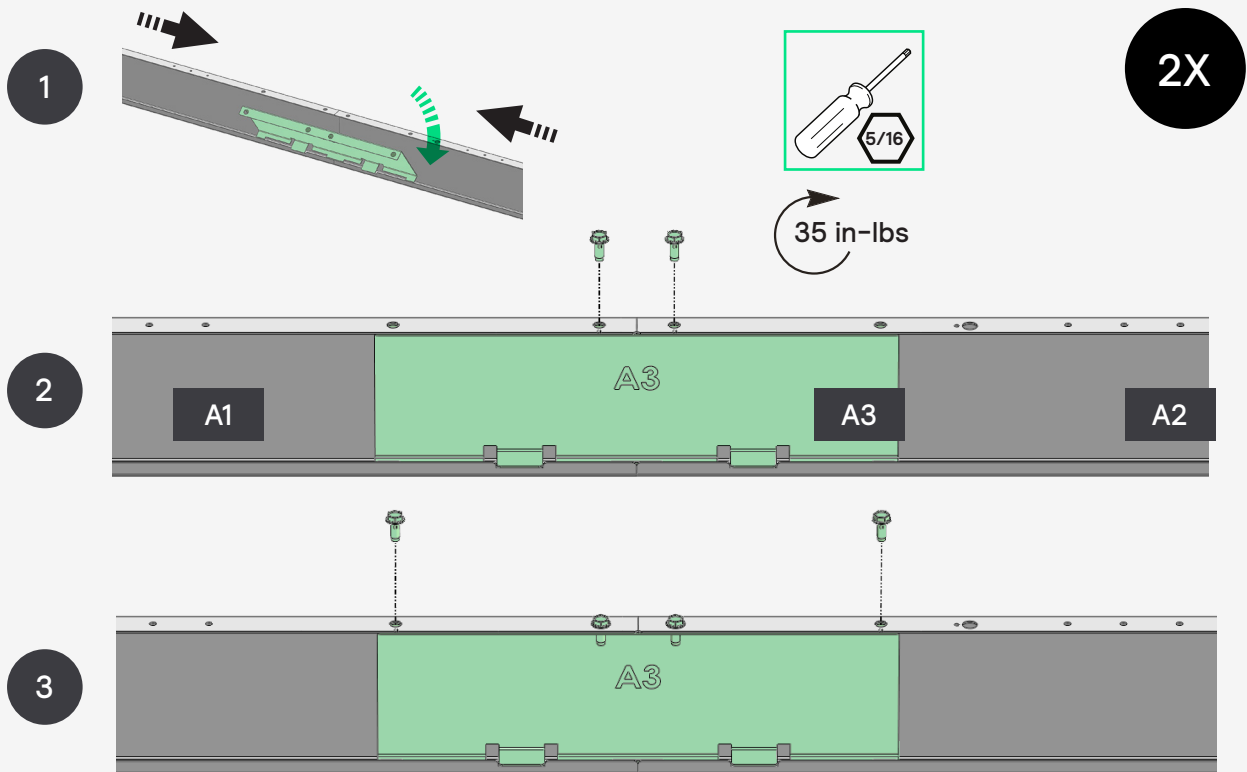
12

Tighten corners screws



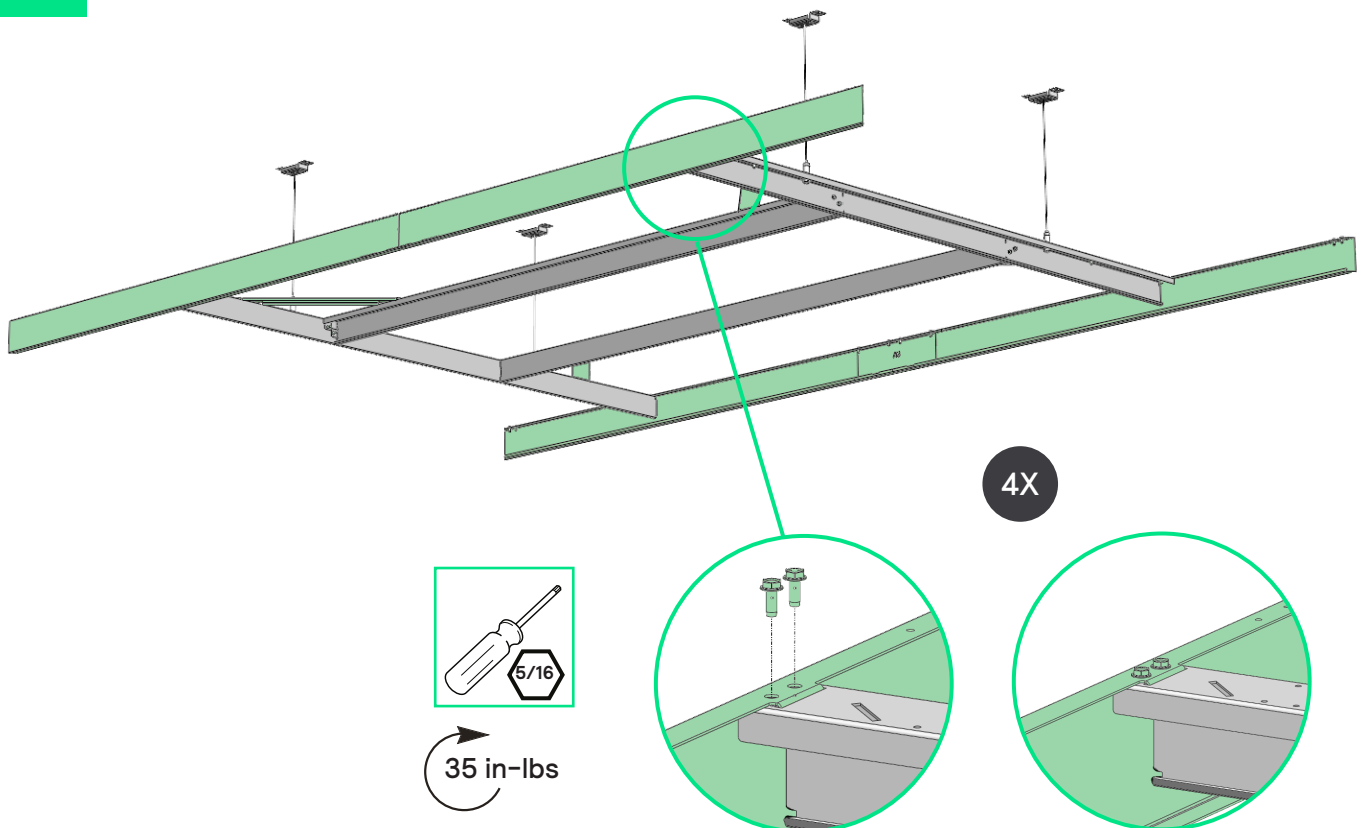
13

Assemble long trim edges



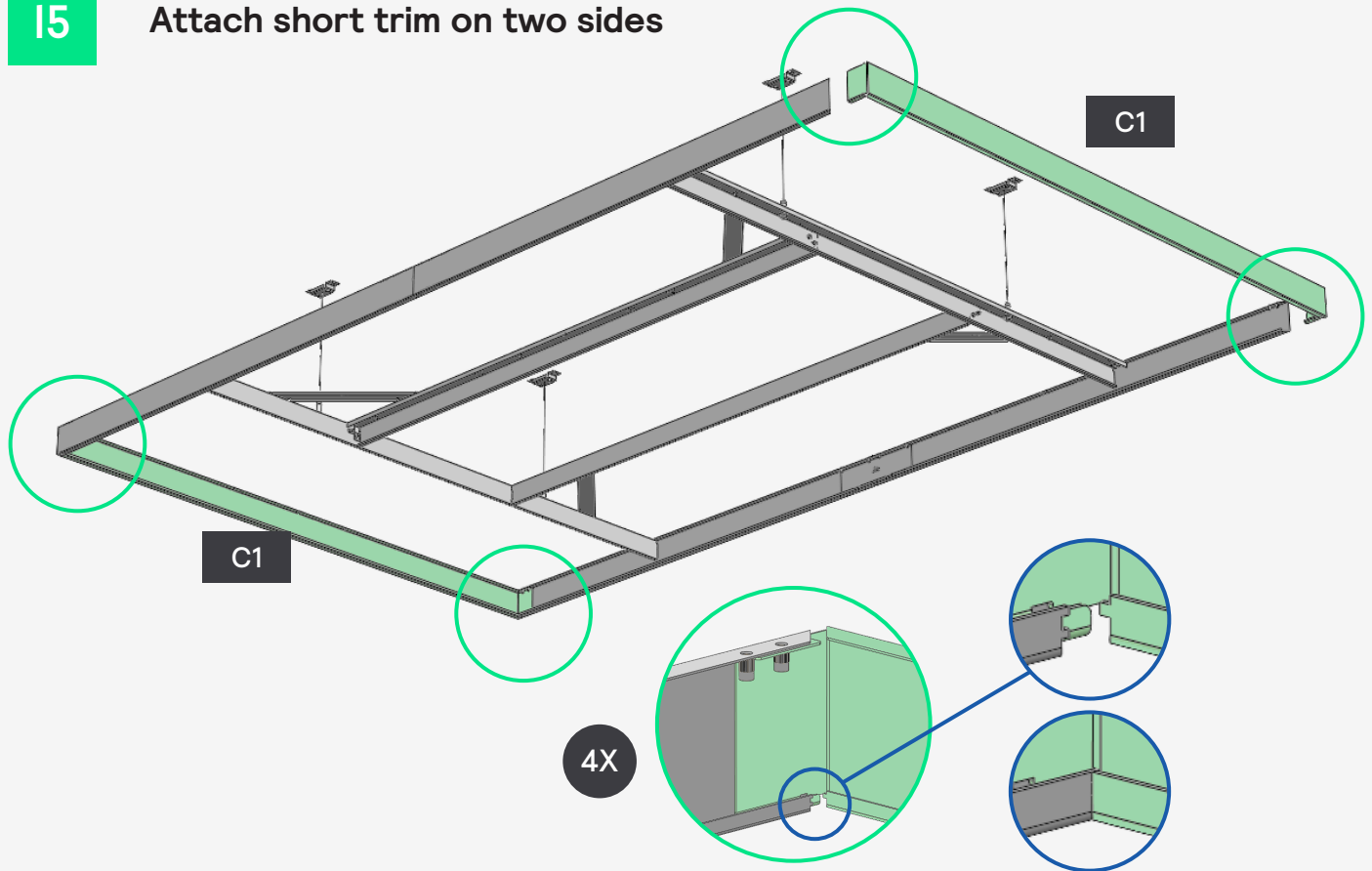
14

Mount long trim edges



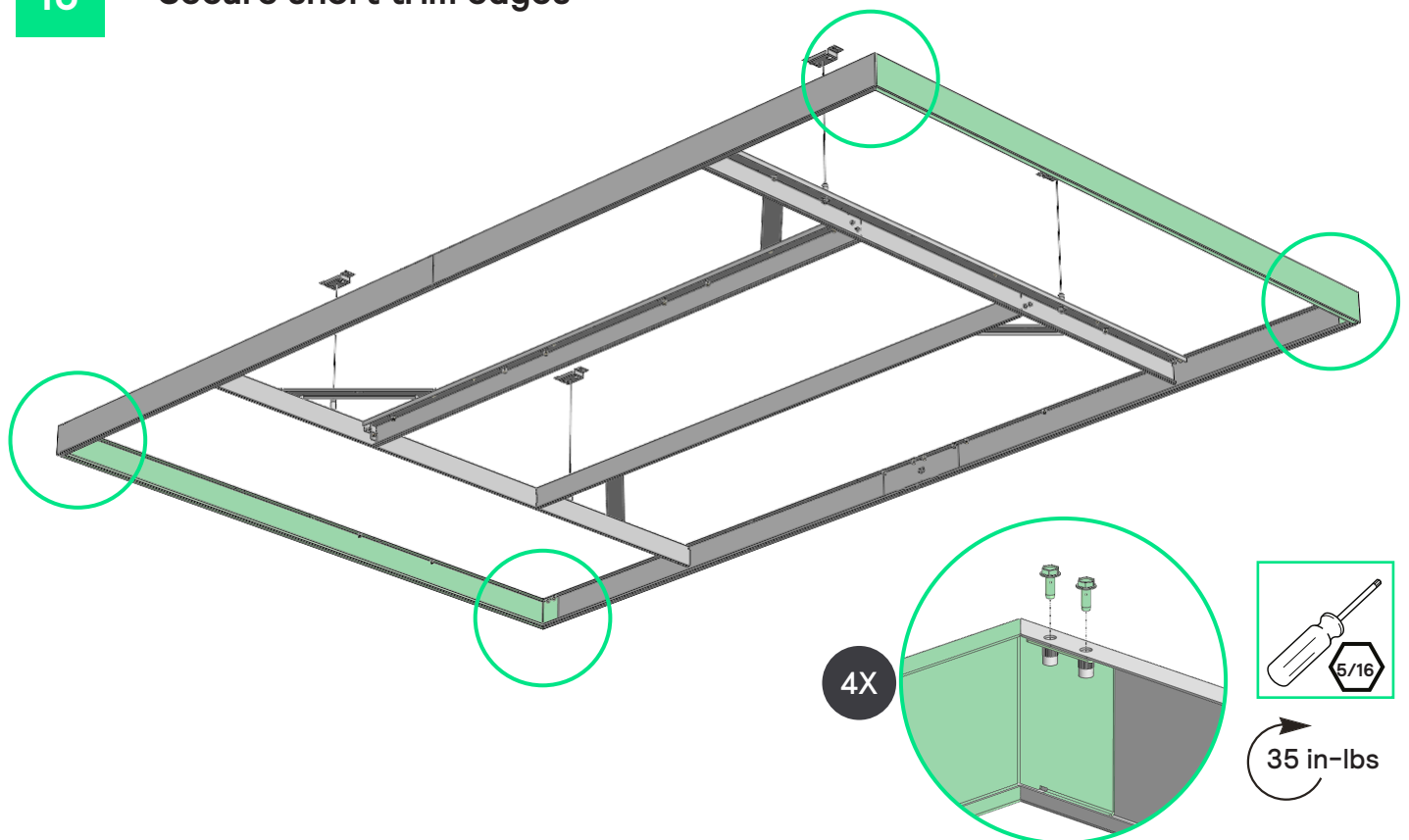
15

Attach short trim on two sides



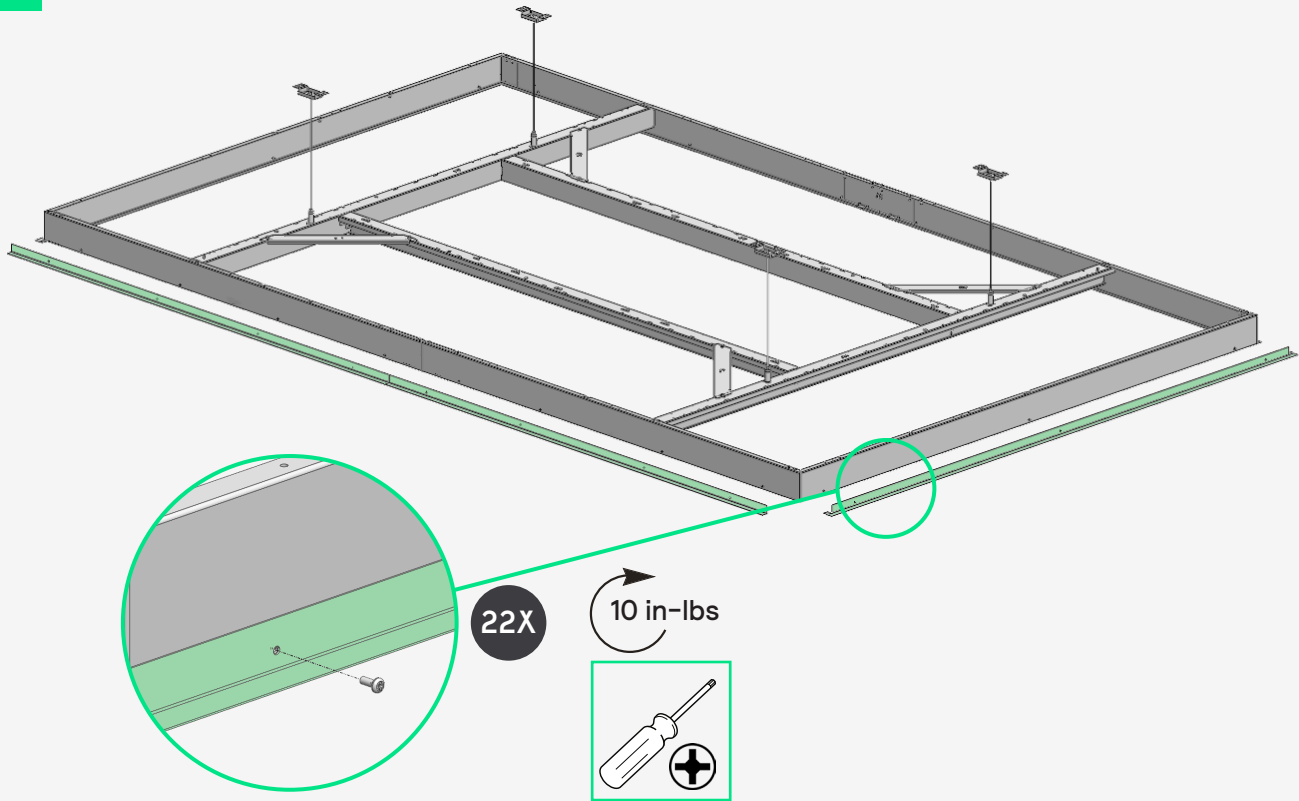
16

Secure short trim edges



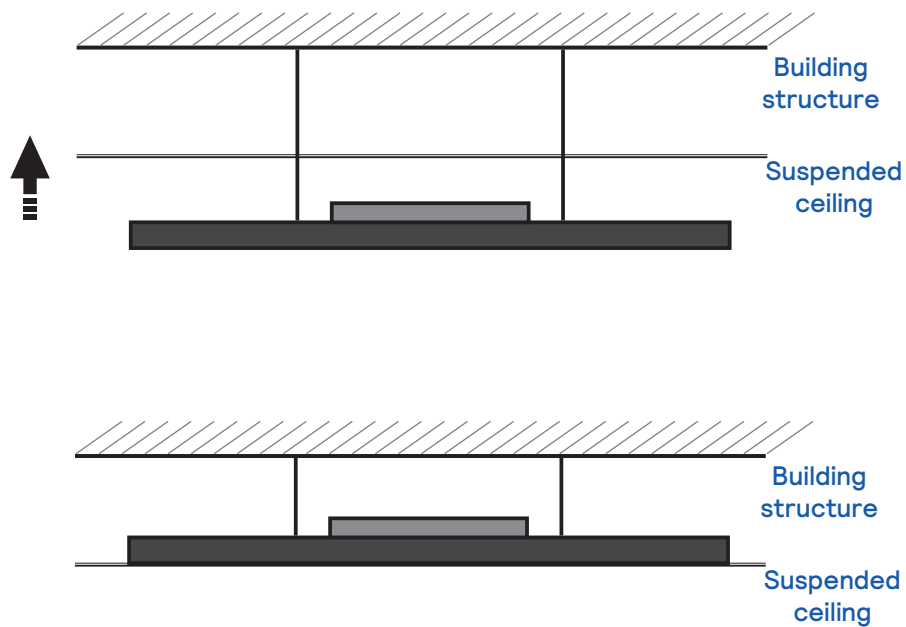
16

Mount recessed trims (recessed version only)

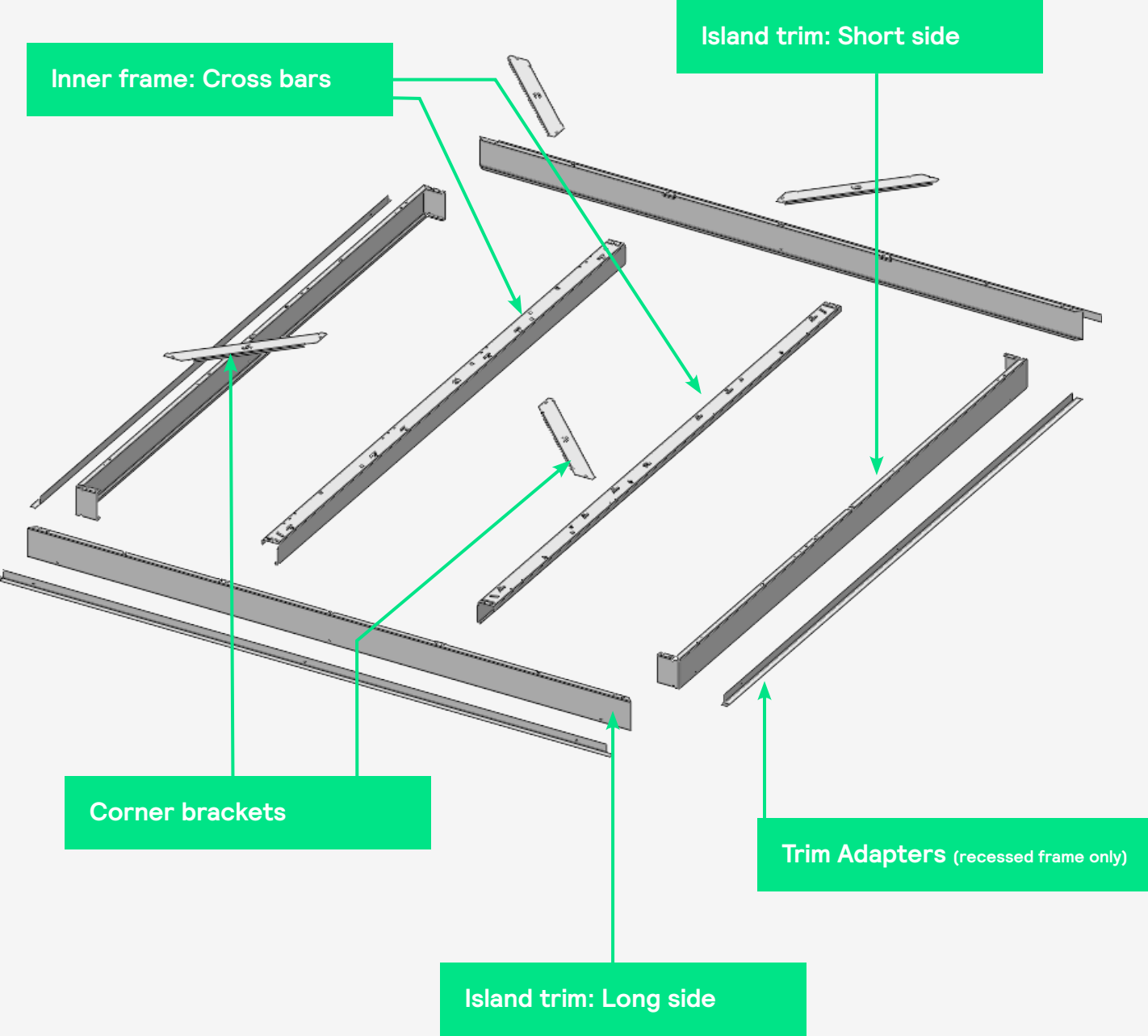


17

Adjust cable grippers so that island is flush with suspended ceiling T-bar



Small Island Frame



I

Unpack and collect all material

! Tools not included

Frame trim


2x  **B1**

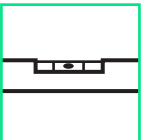
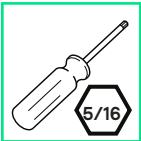
2x  **C1**

Inner frame

2x  **B2**


4x  **C3**

24x 
10-32 x 5/8"



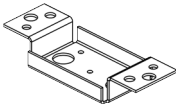
Recessed version only

4x 

12x 
6-B x 3/8"



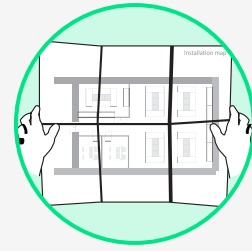
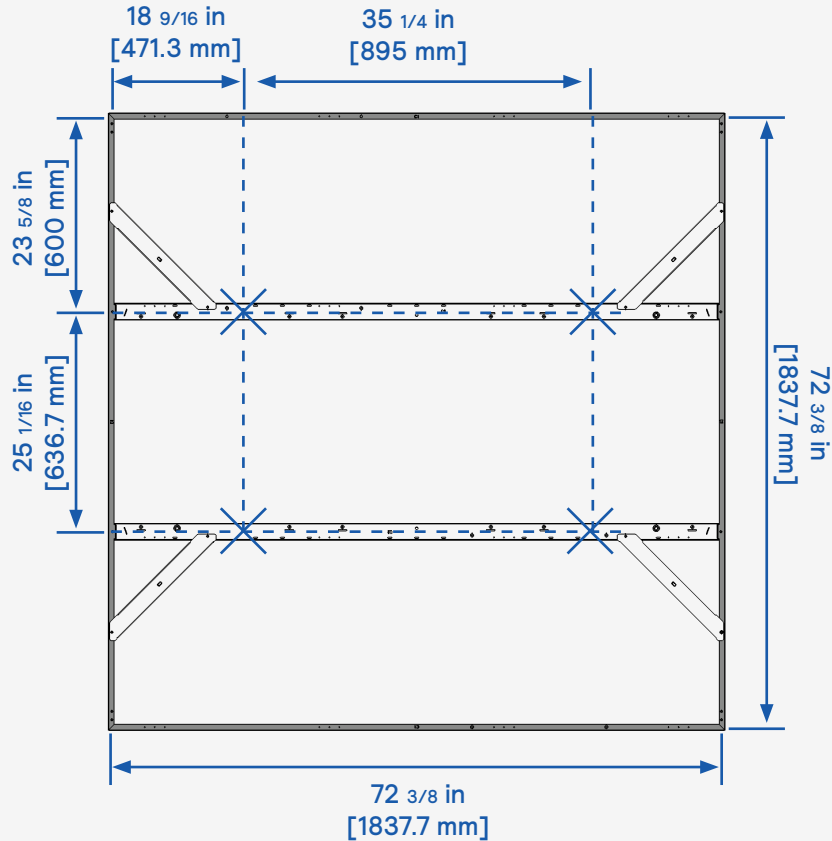
Suspension kit

4x 

4x 

2

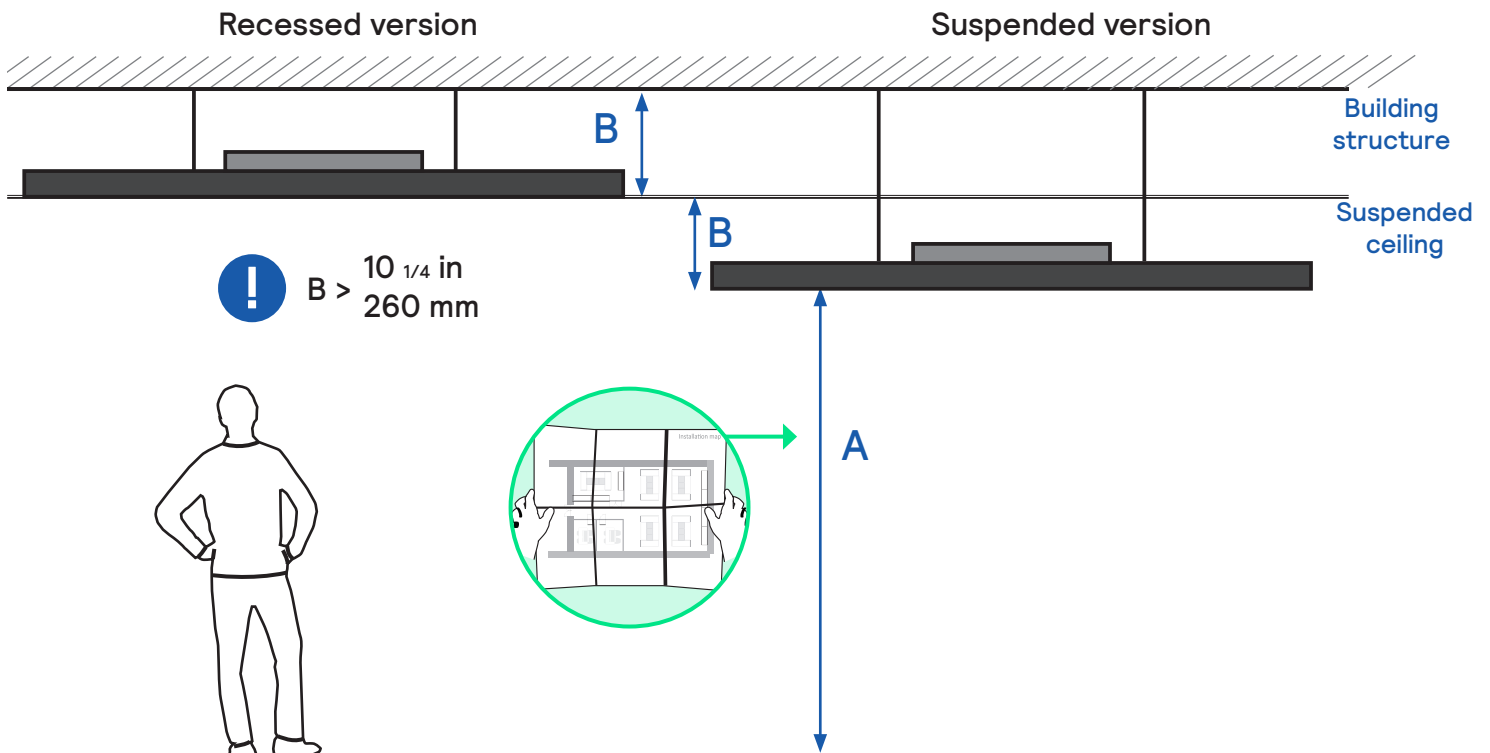
Define suspension points positions



+ 3/4 in [19.05 mm]
on each end with
recessed bars

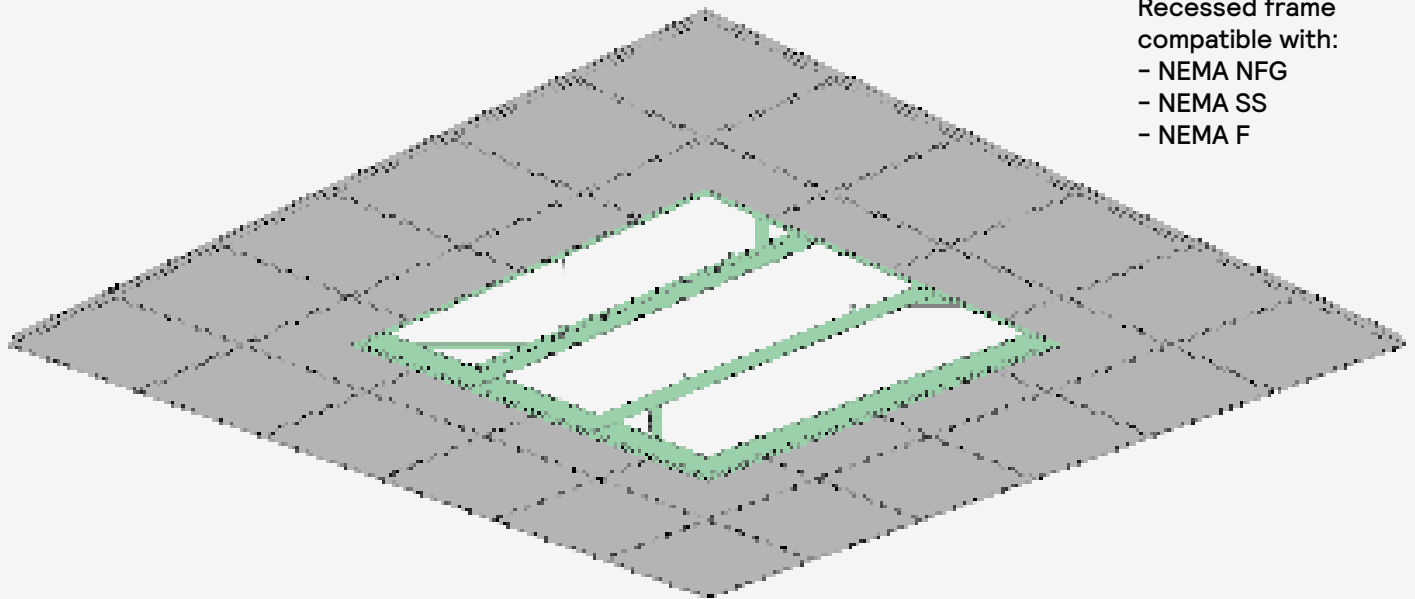
3

Prepare suspension to the ceiling



4

For recessed version, consider frame position on suspended ceiling before starting the installation

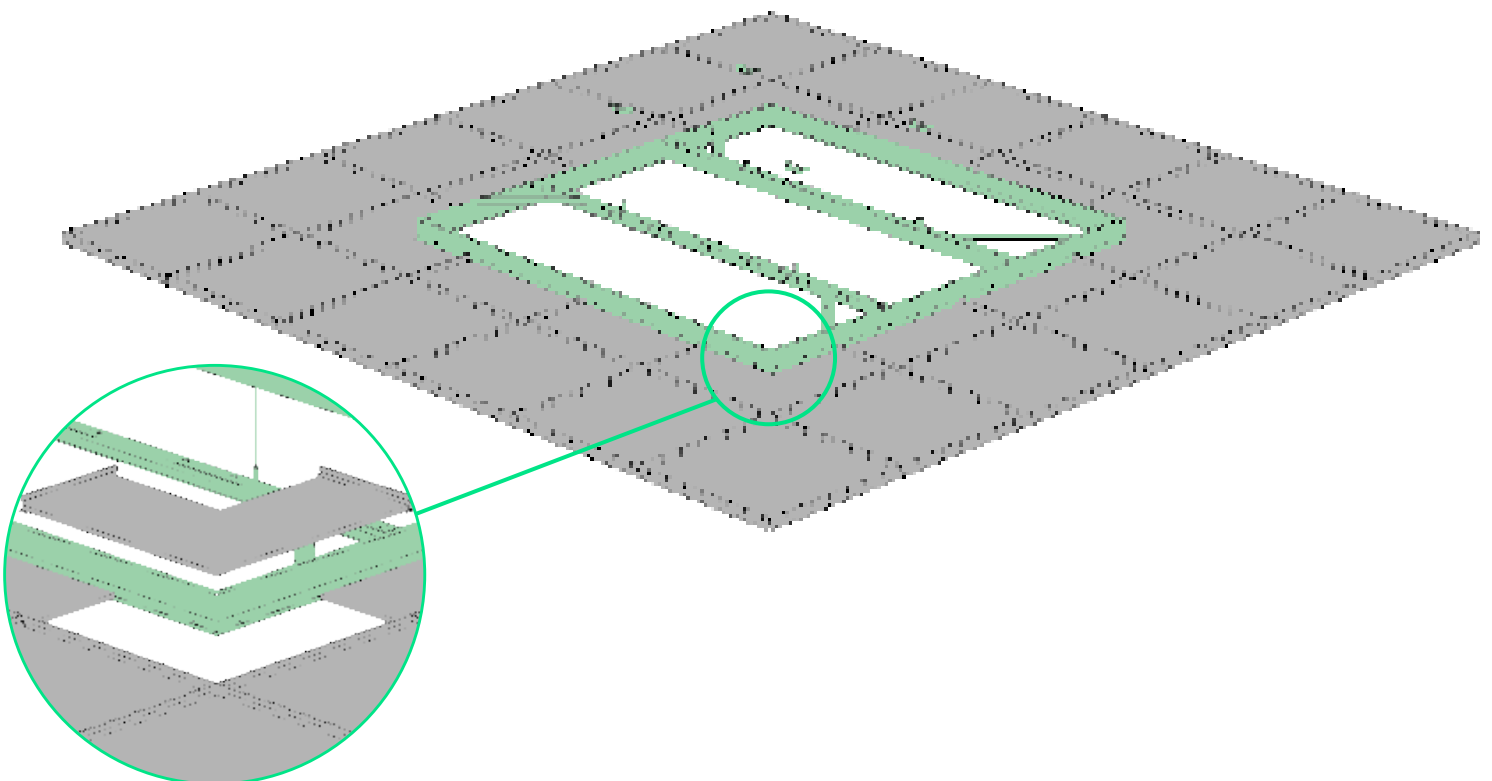


Recessed frame compatible with:

- NEMA NFG
- NEMA SS
- NEMA F

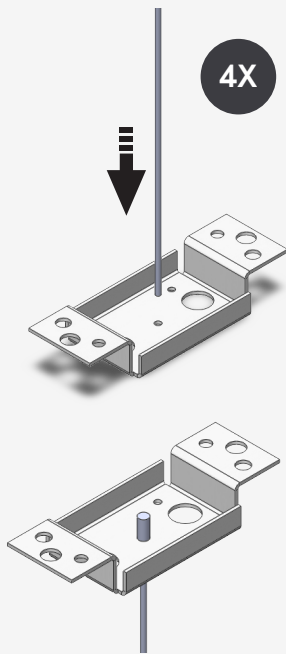
5

Cut the tiles and grids and place them on the recessed bars

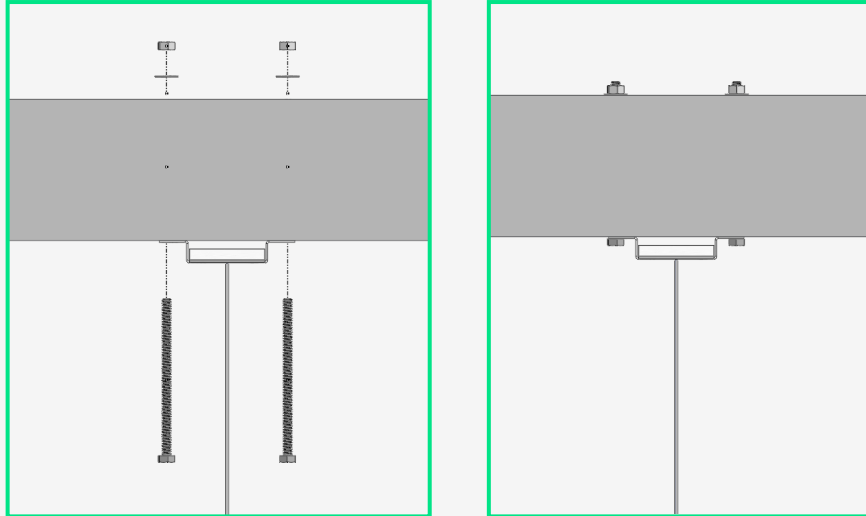
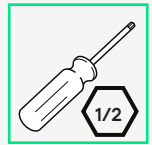


6

Pass the cable through the brackets and fix them to the building structure



ATTACH BRACKETS TO
BUILDING STRUCTURE
WITH 5/16" HARDWARE
(SUPPLIED BY OTHERS)



Attach main bars to ceiling suspension

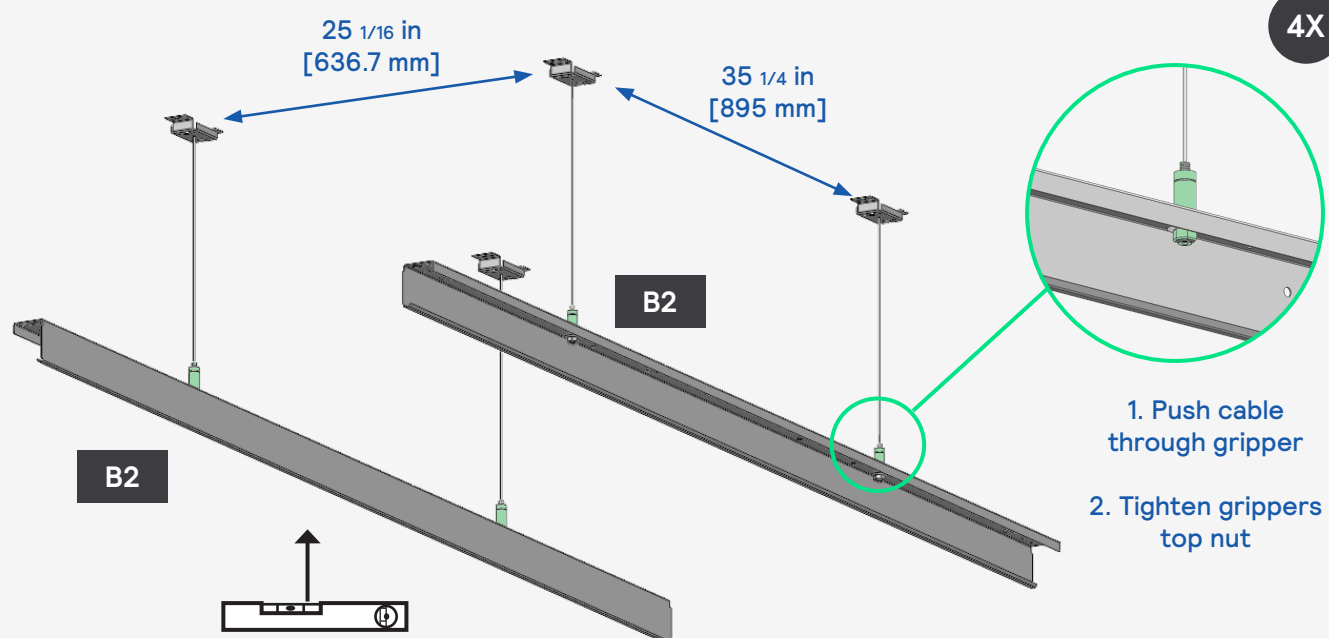
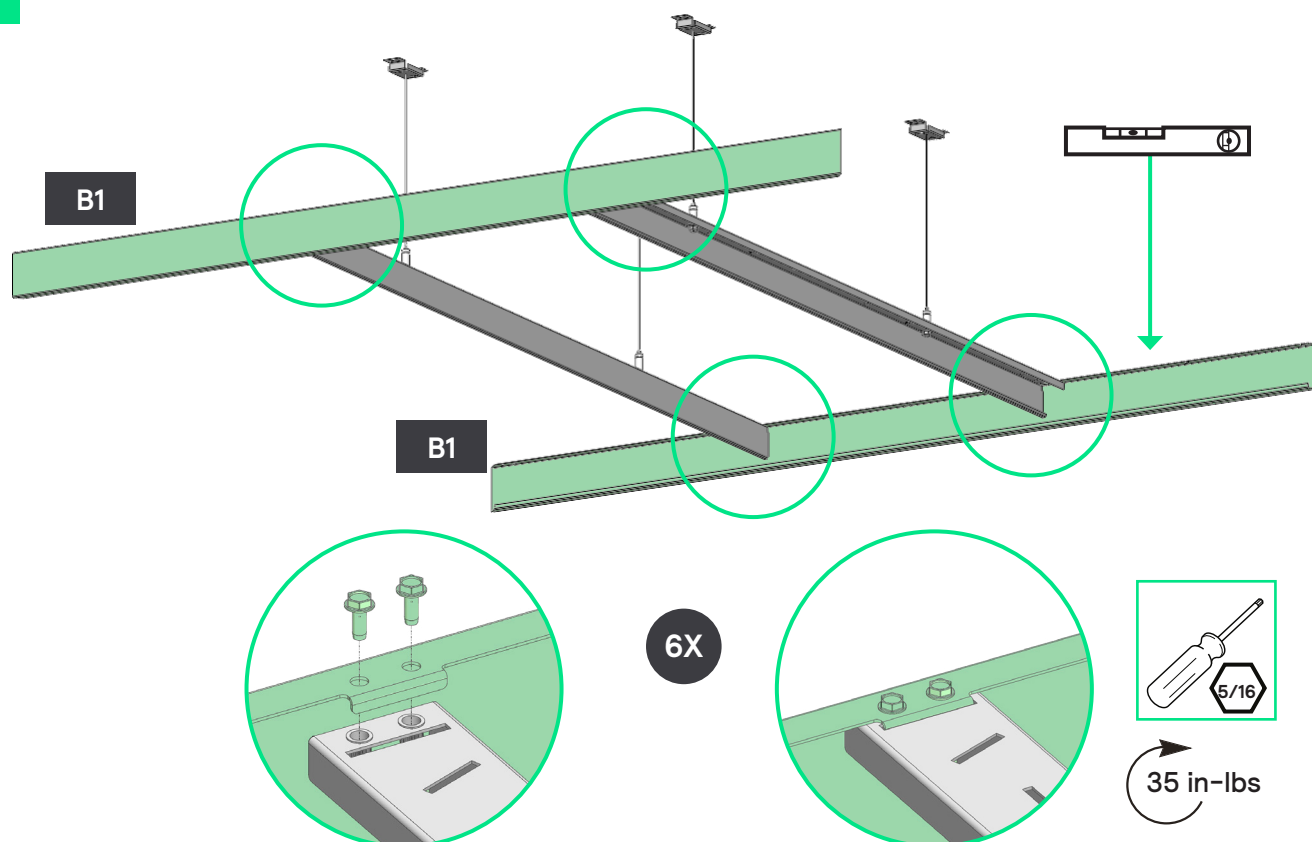


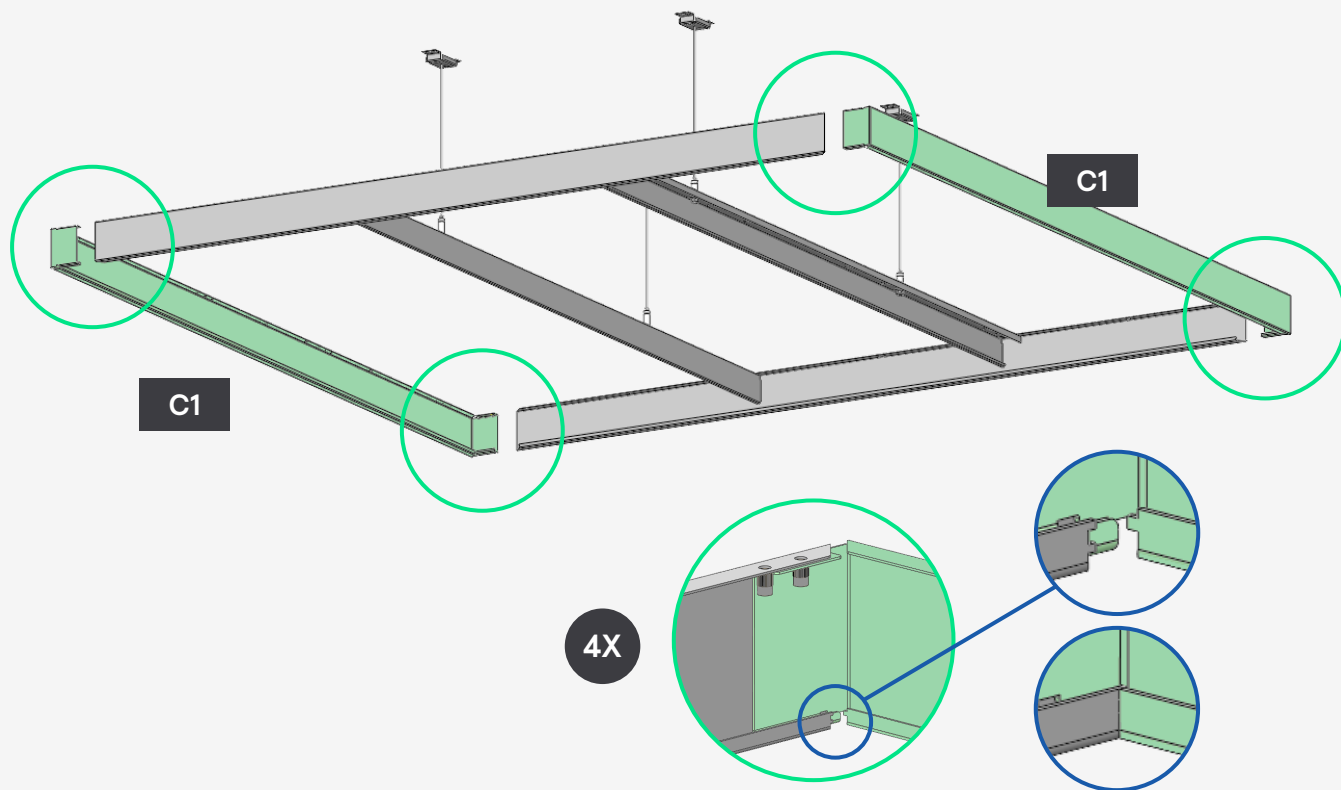
Image just for reference,
gripper accessory may vary.

Mount long trim edges



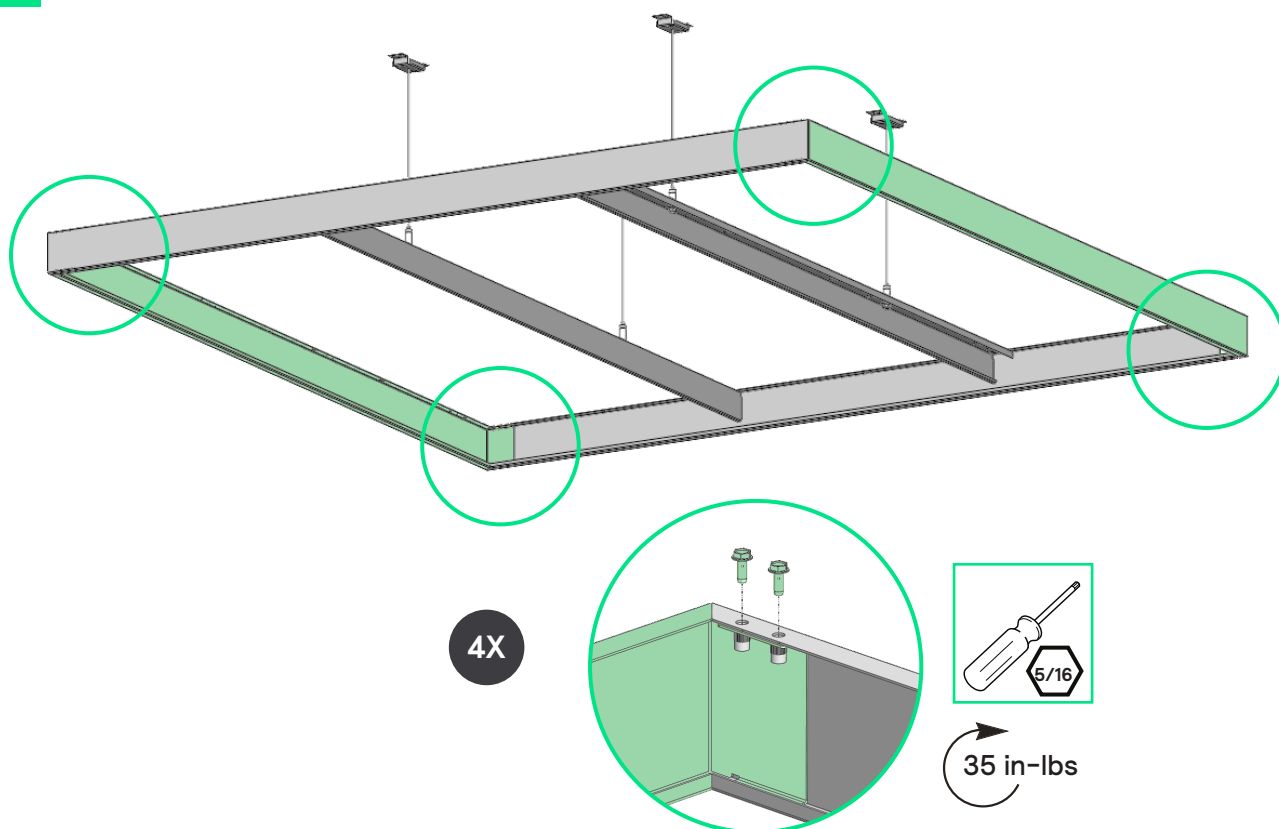
9

Attach short trim on two sides



10

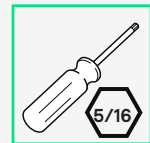
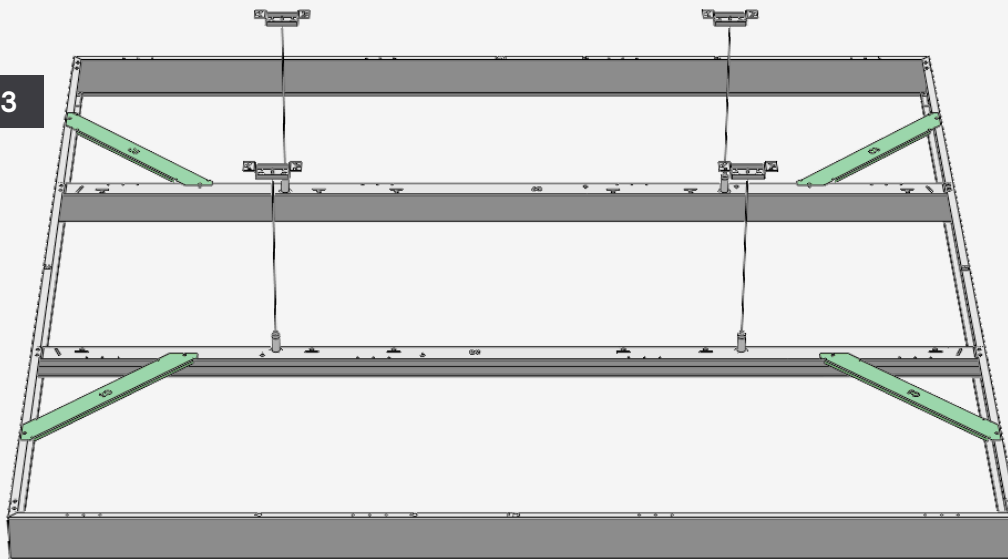
Secure short trim edges



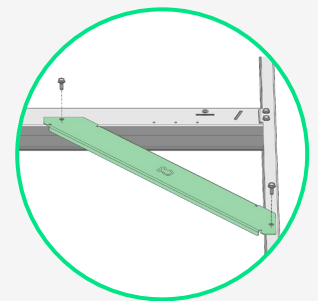
II

Mount corner brackets

C3

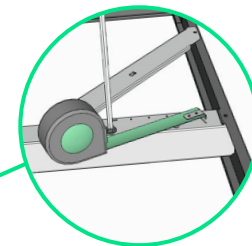
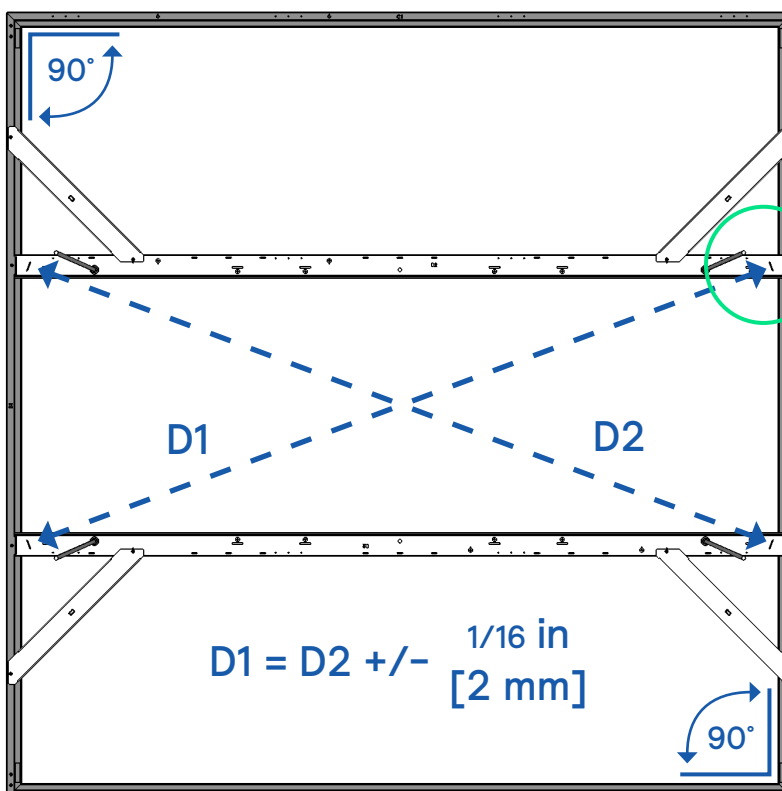


Do not tighten the screws yet



12

Measure diagonals and tighten corner screws



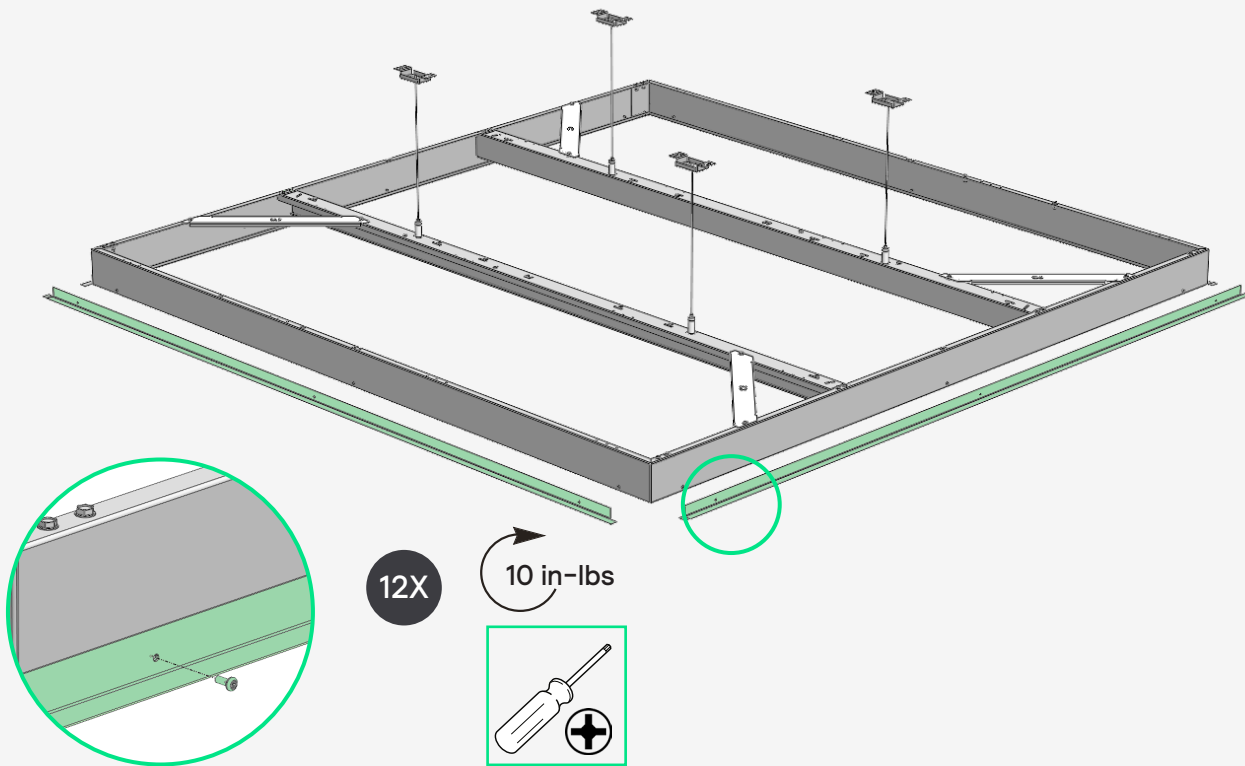
Insert the measure tape tab in the rectangular slot and measure to the opposite rectangular slot



Tighten screws

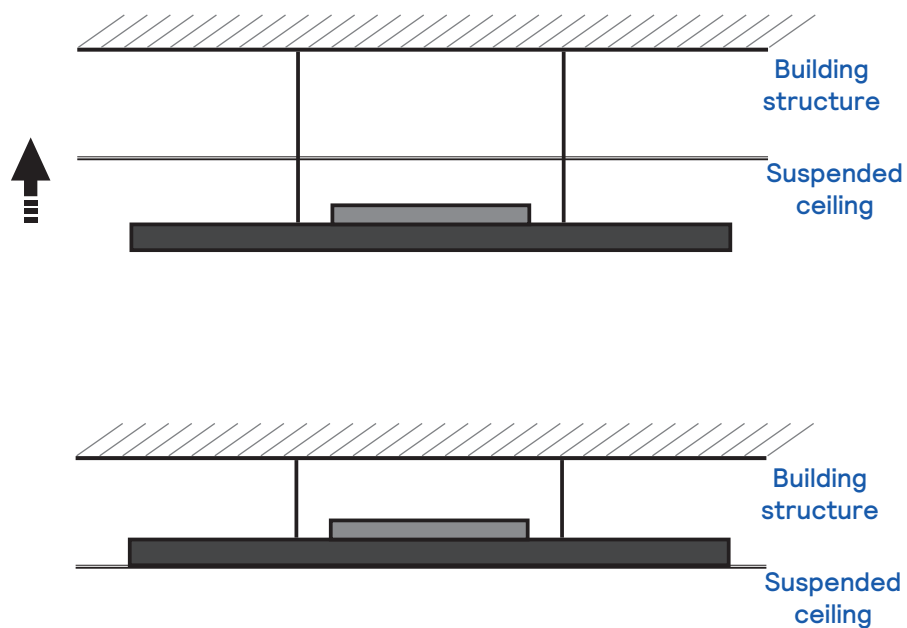
13

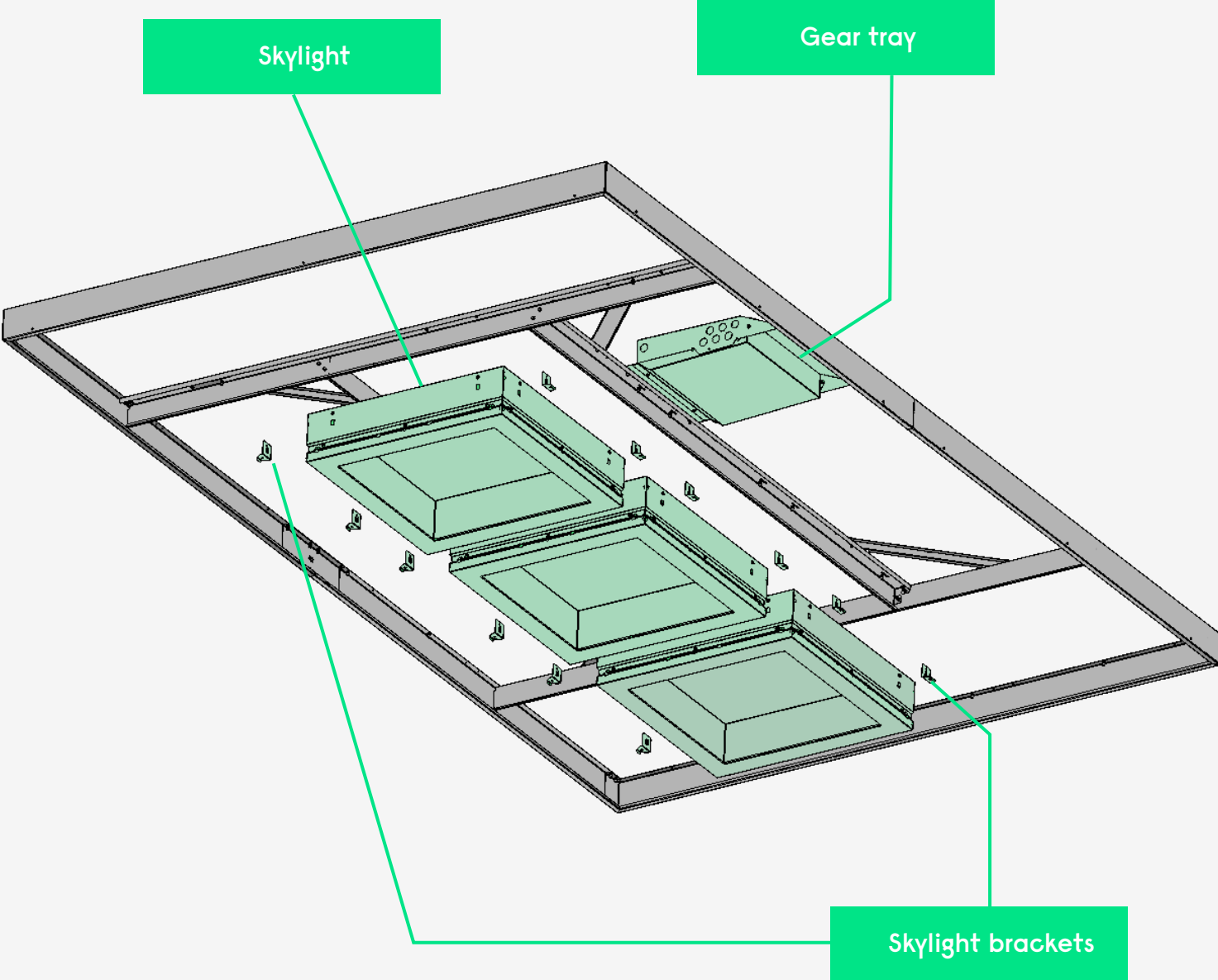
Mount recessed trims (recessed version only)



14

Adjust cable grippers so that island is flush with suspended ceiling T-bar

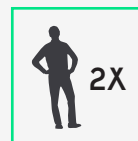
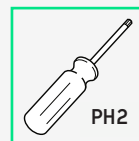
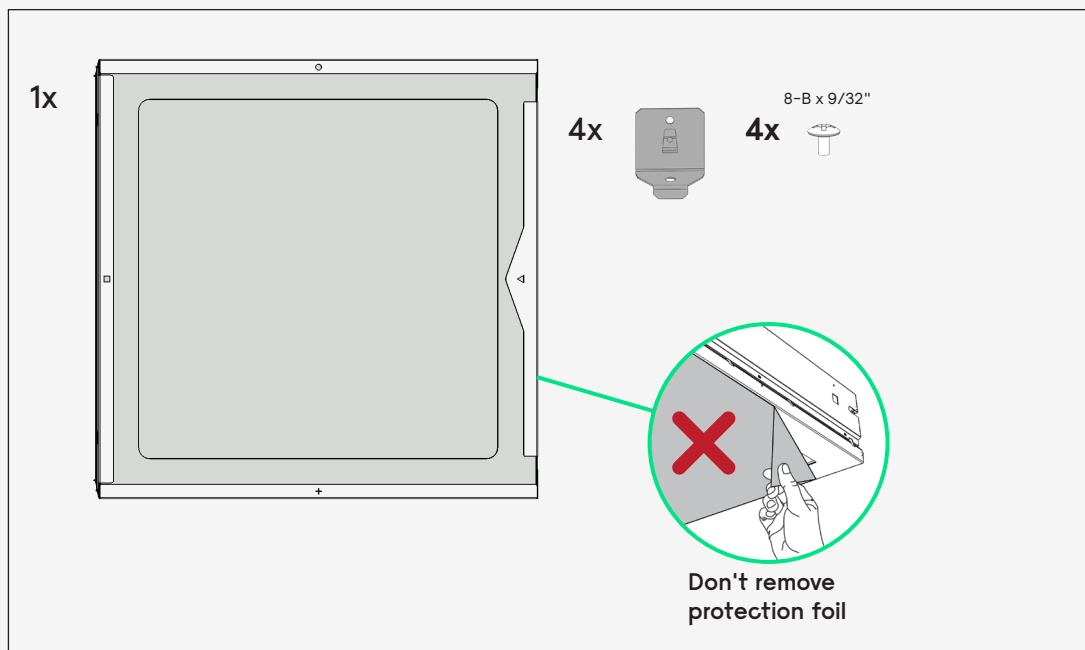




I

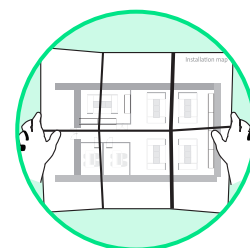
Unpack and check Skylight and parts

! Tools not included

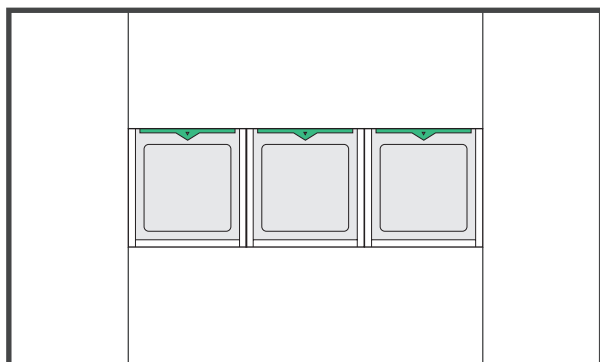


2

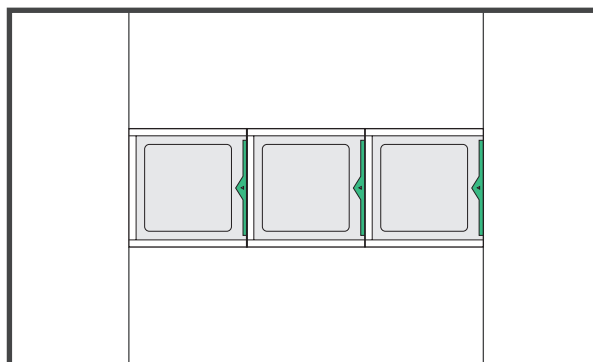
Define orientation of the Skylights



A

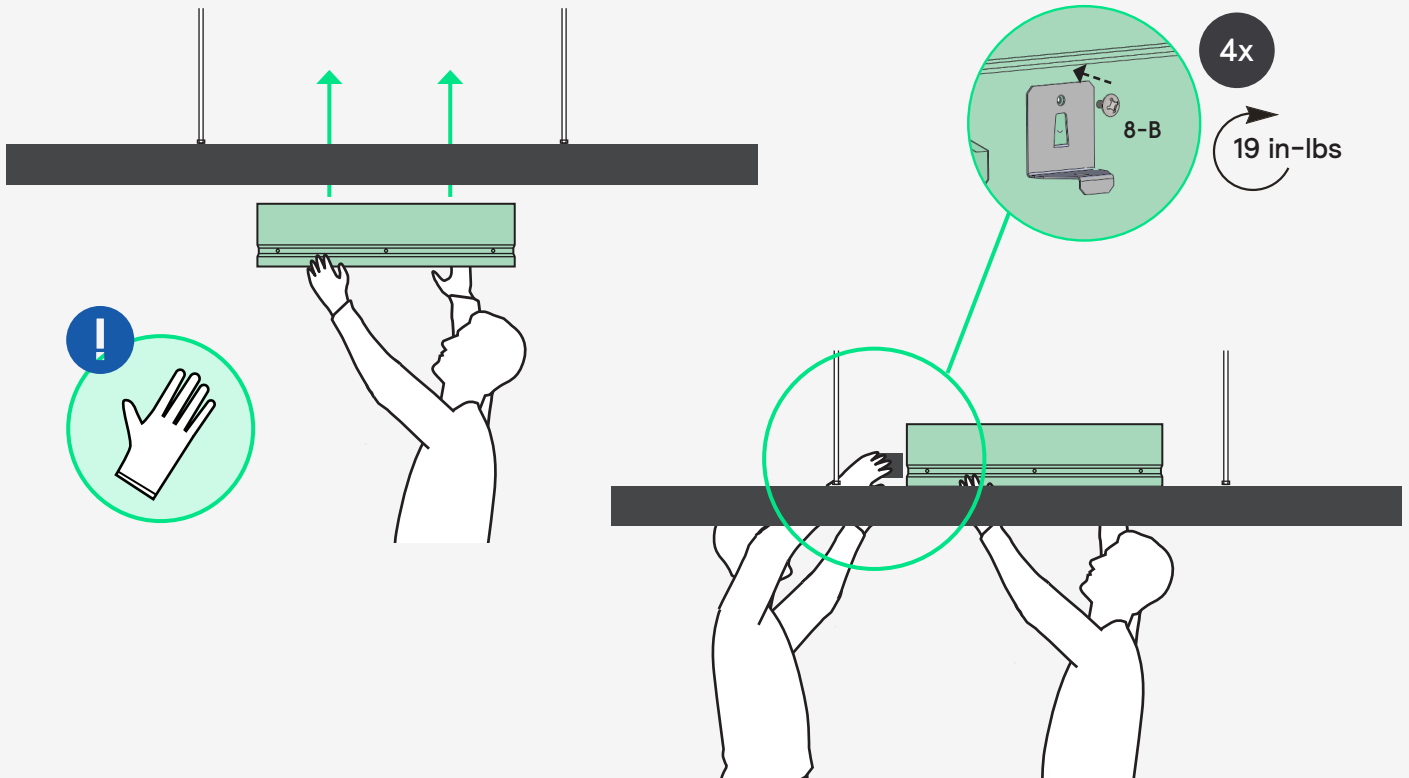


B



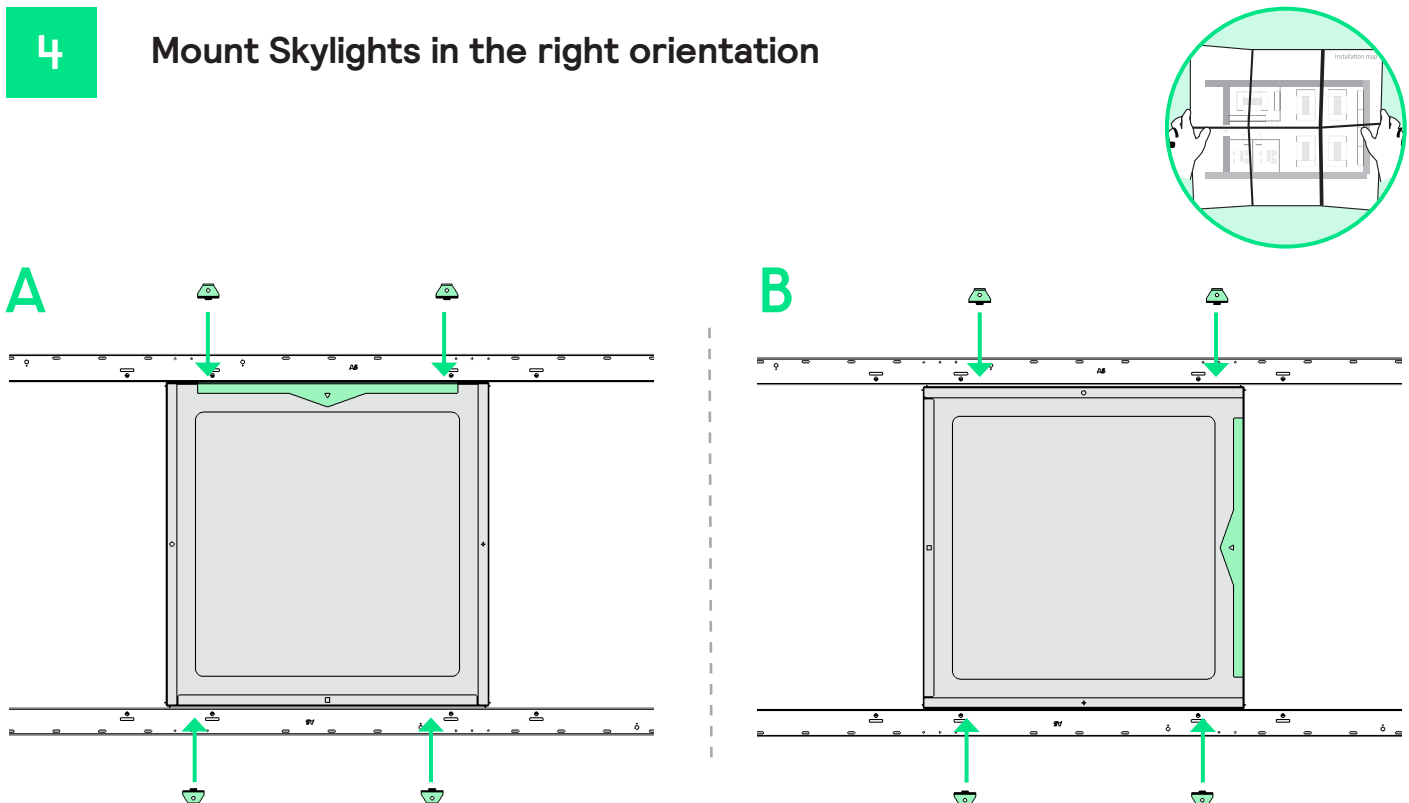
3

Insert first Skylight and mount brackets



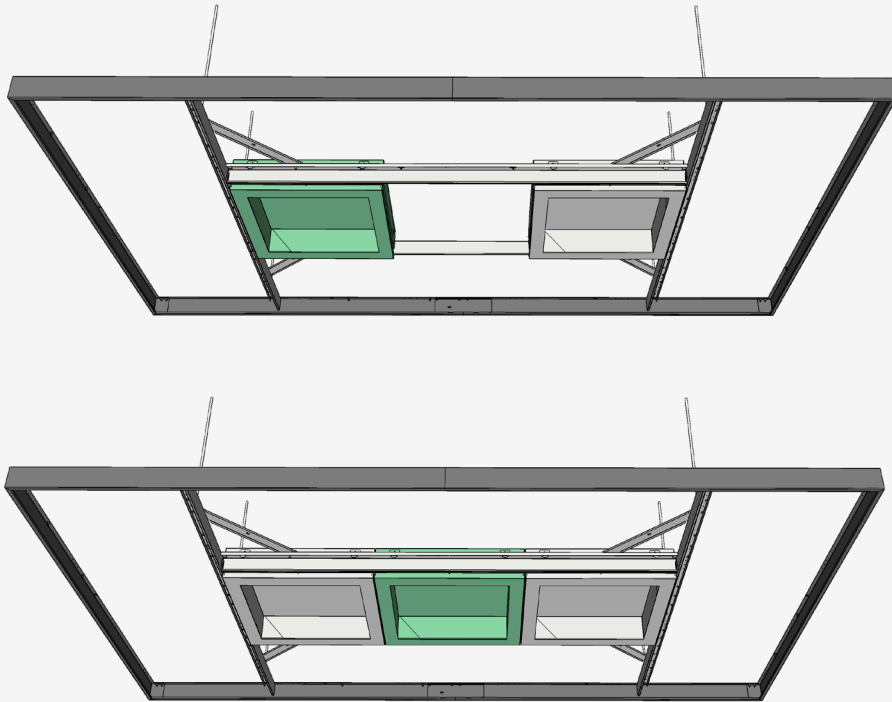
4

Mount Skylights in the right orientation



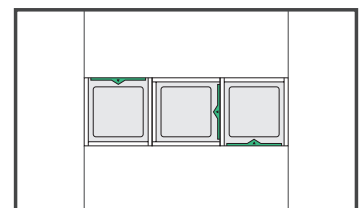
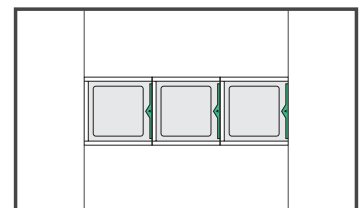
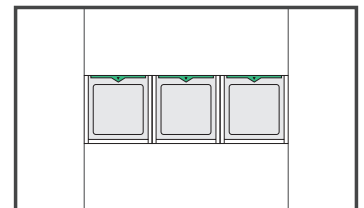
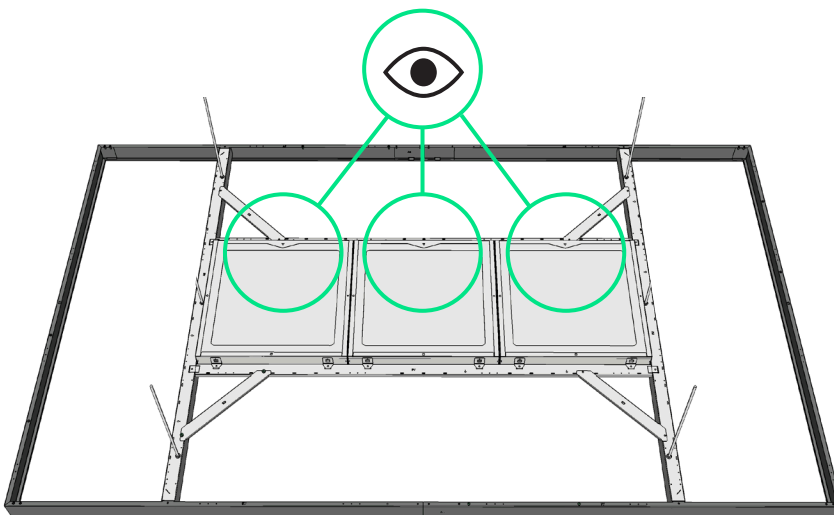
5

Insert second and third Skylight



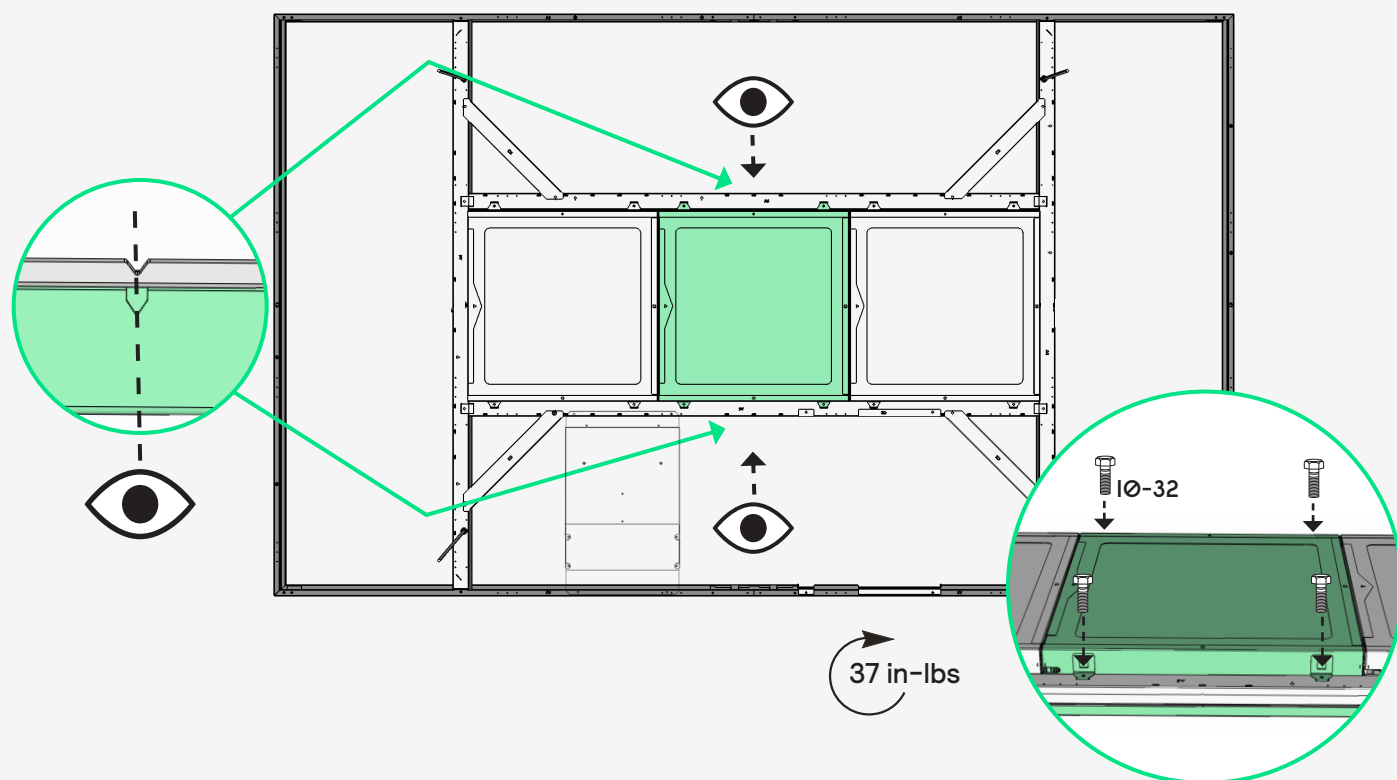
6

Check Skylight orientation



7

Align and mount center Skylight



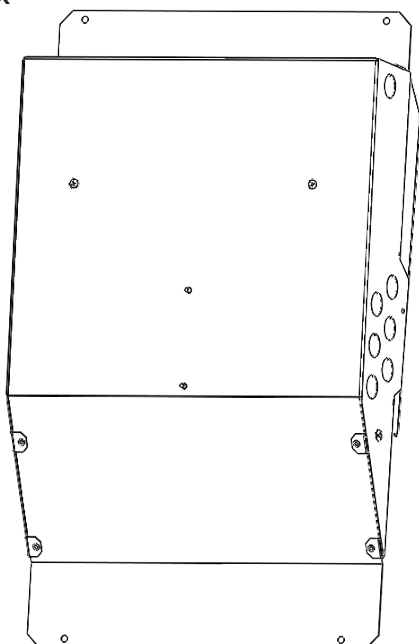
8

Unpack and check Gear tray and accessories



Tools not included

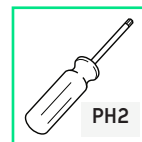
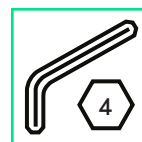
1x



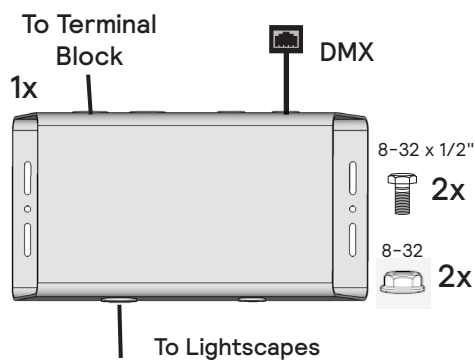
4x



10-32 x 5/8"

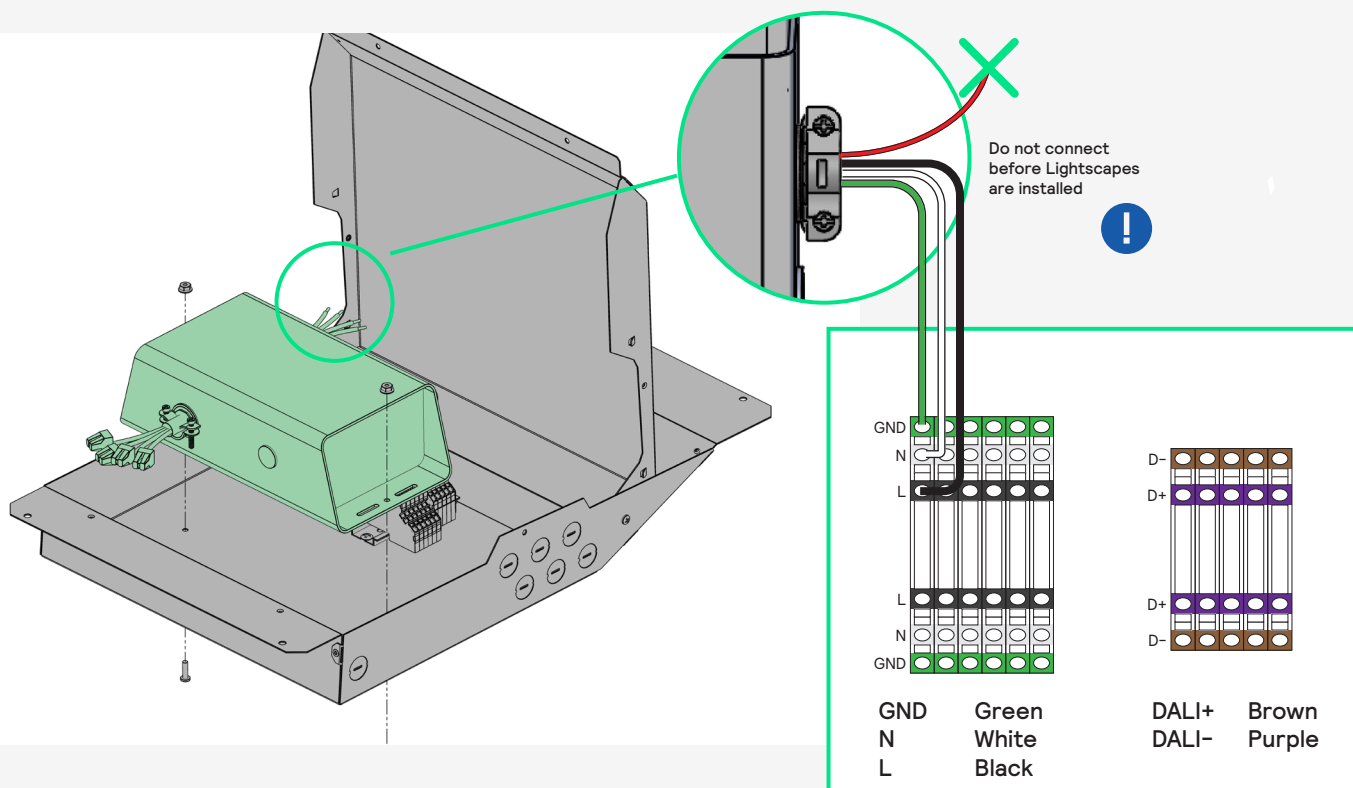


Lightscape controller (optional)



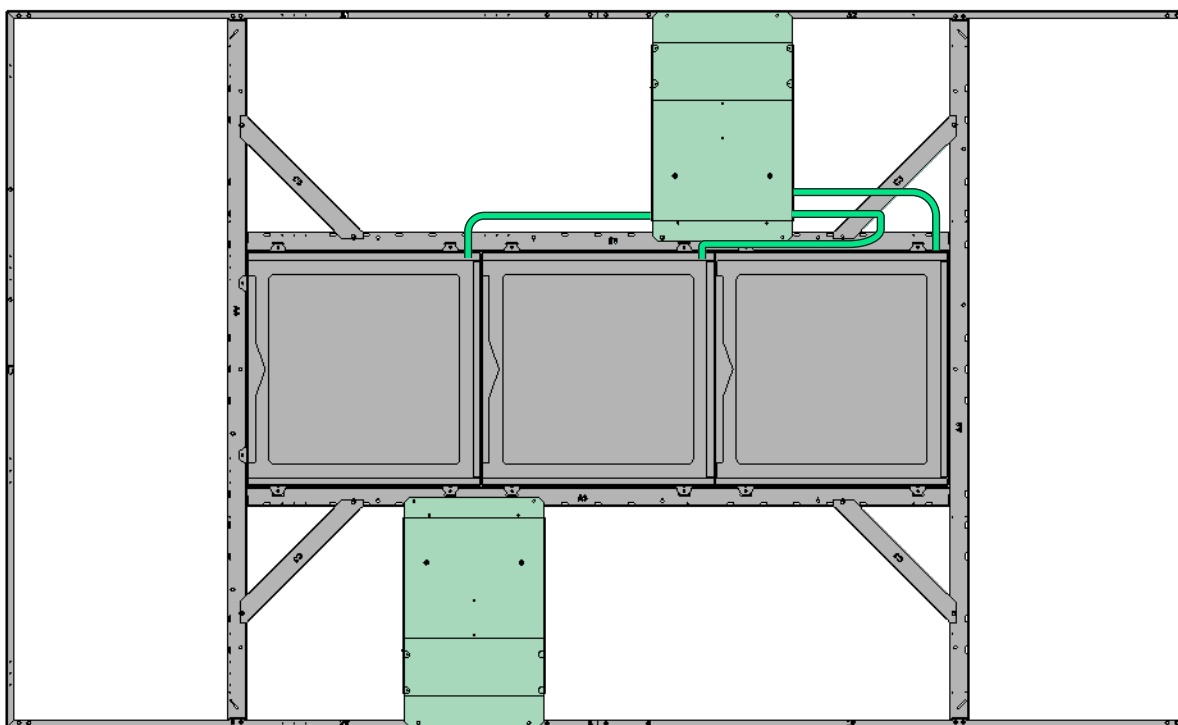
9

Mount Lightscape controller onto the gear tray (optional)



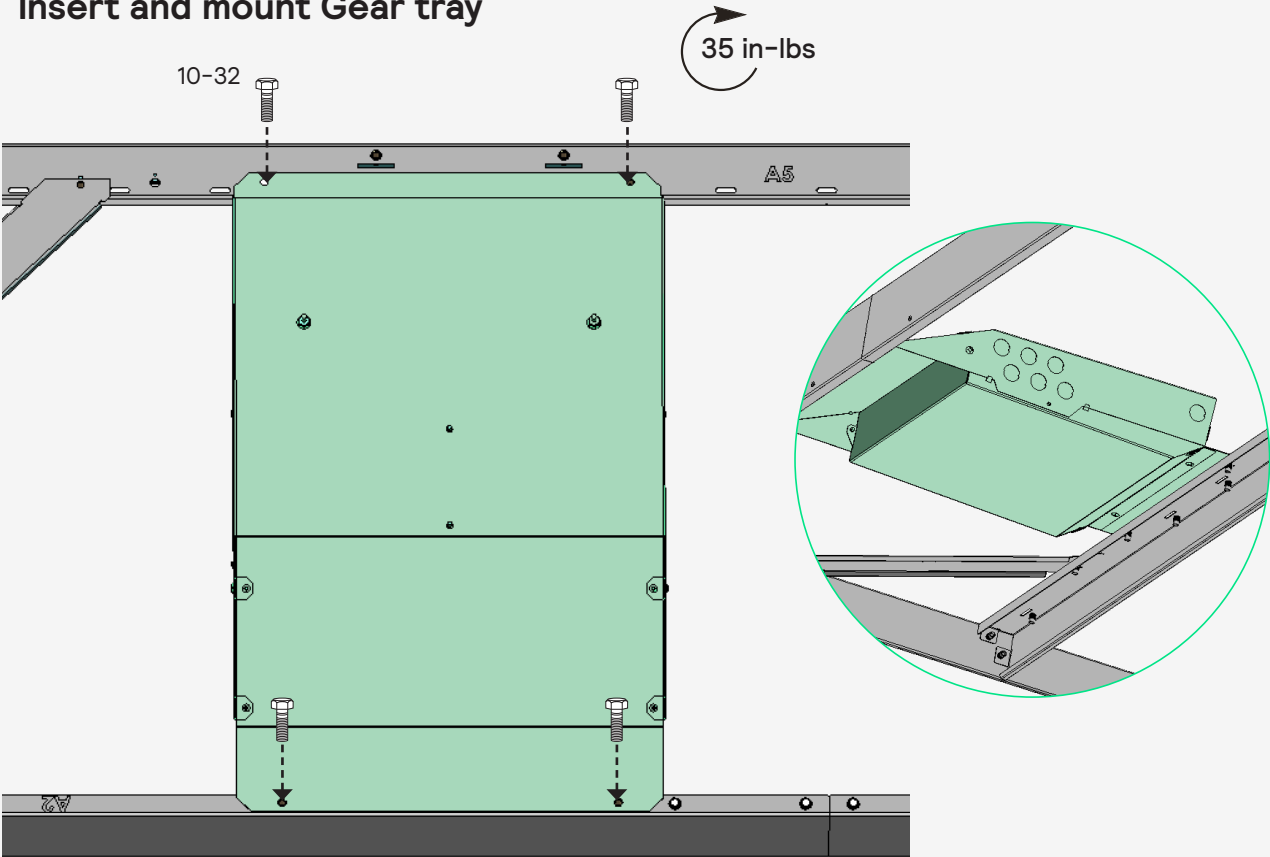
10

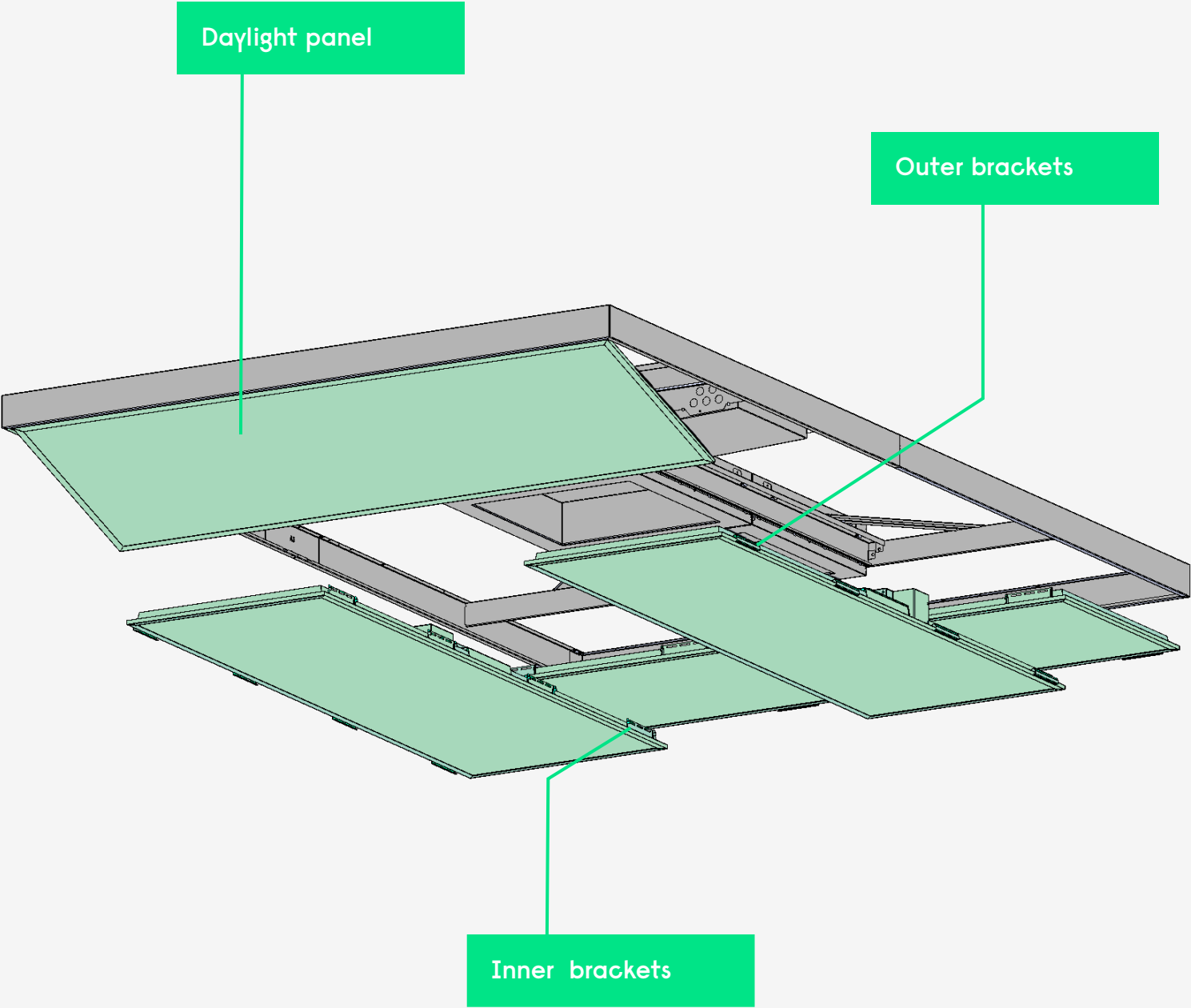
Choose gear tray position on island and route conduit





Insert and mount Gear tray

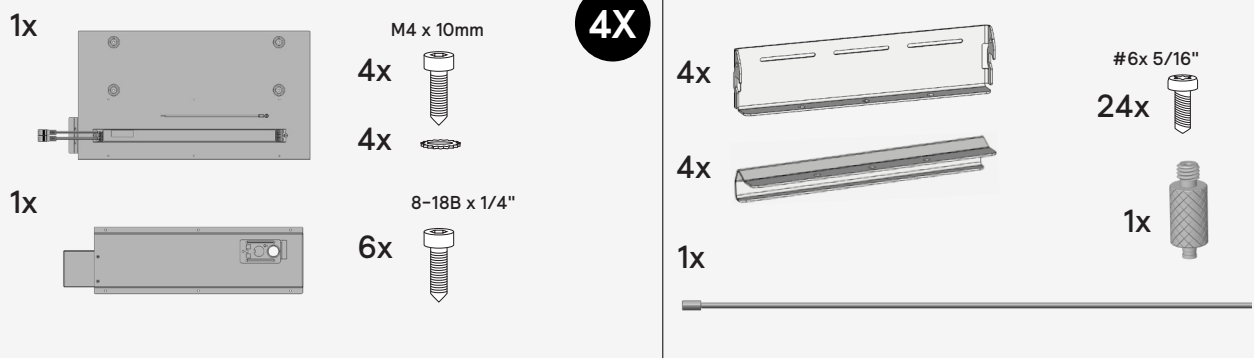
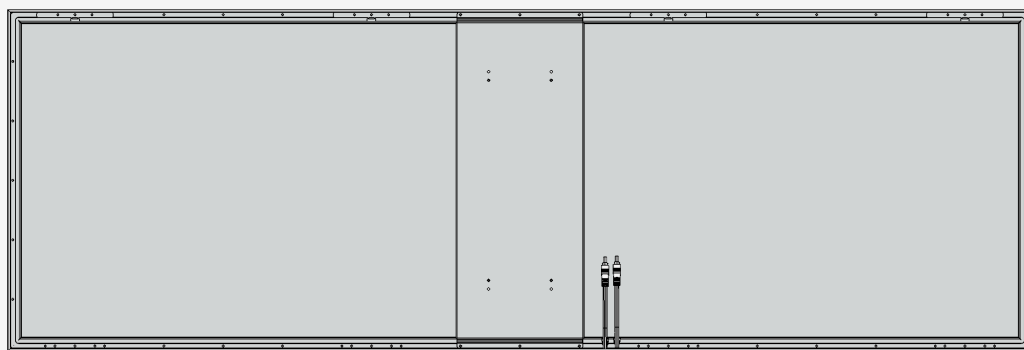




1

Unpack and check Daylight and accessories

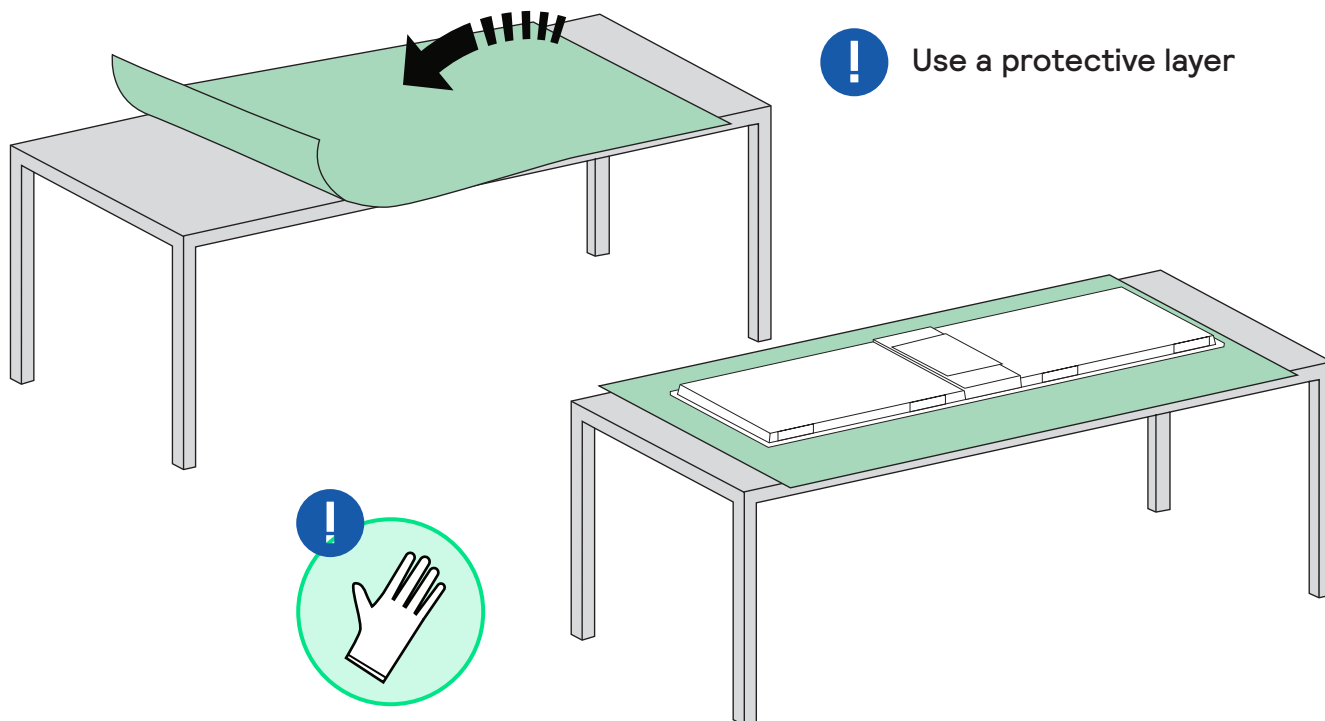
! Tools not included



2

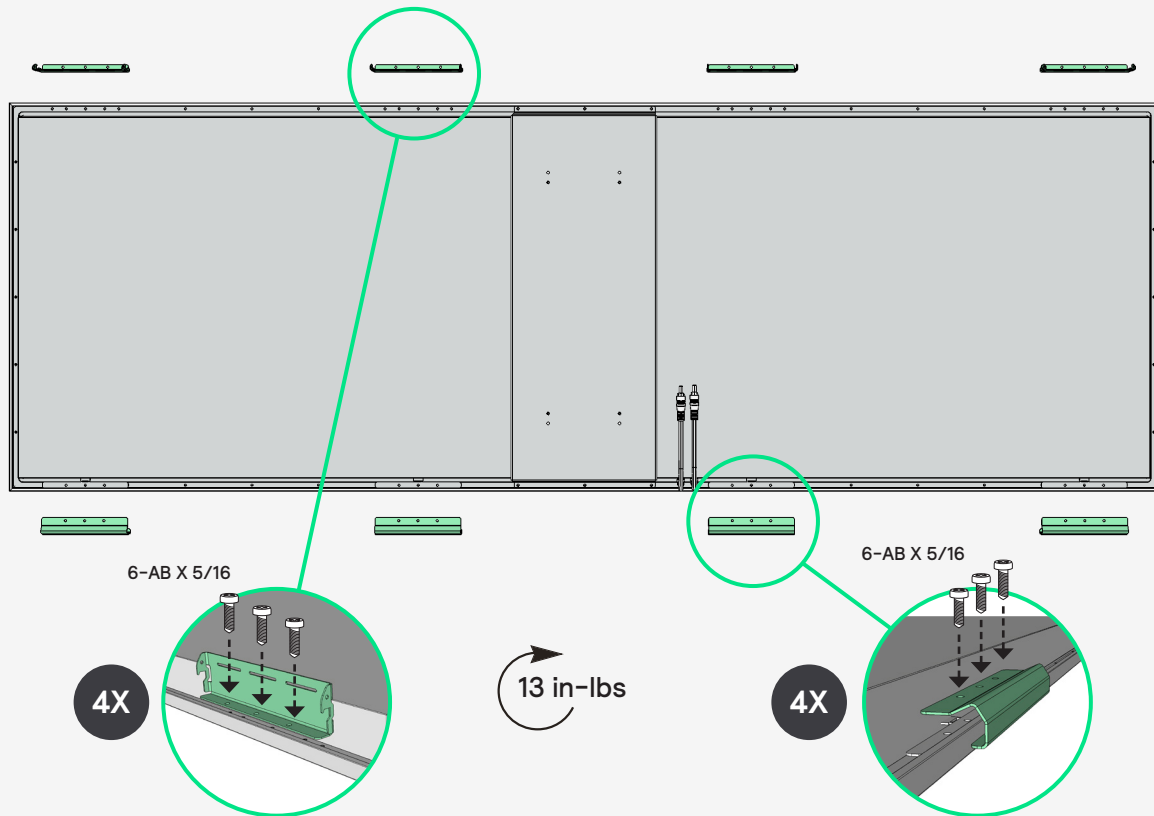
Place Daylight panel on a clean, flat surface

! Use a protective layer



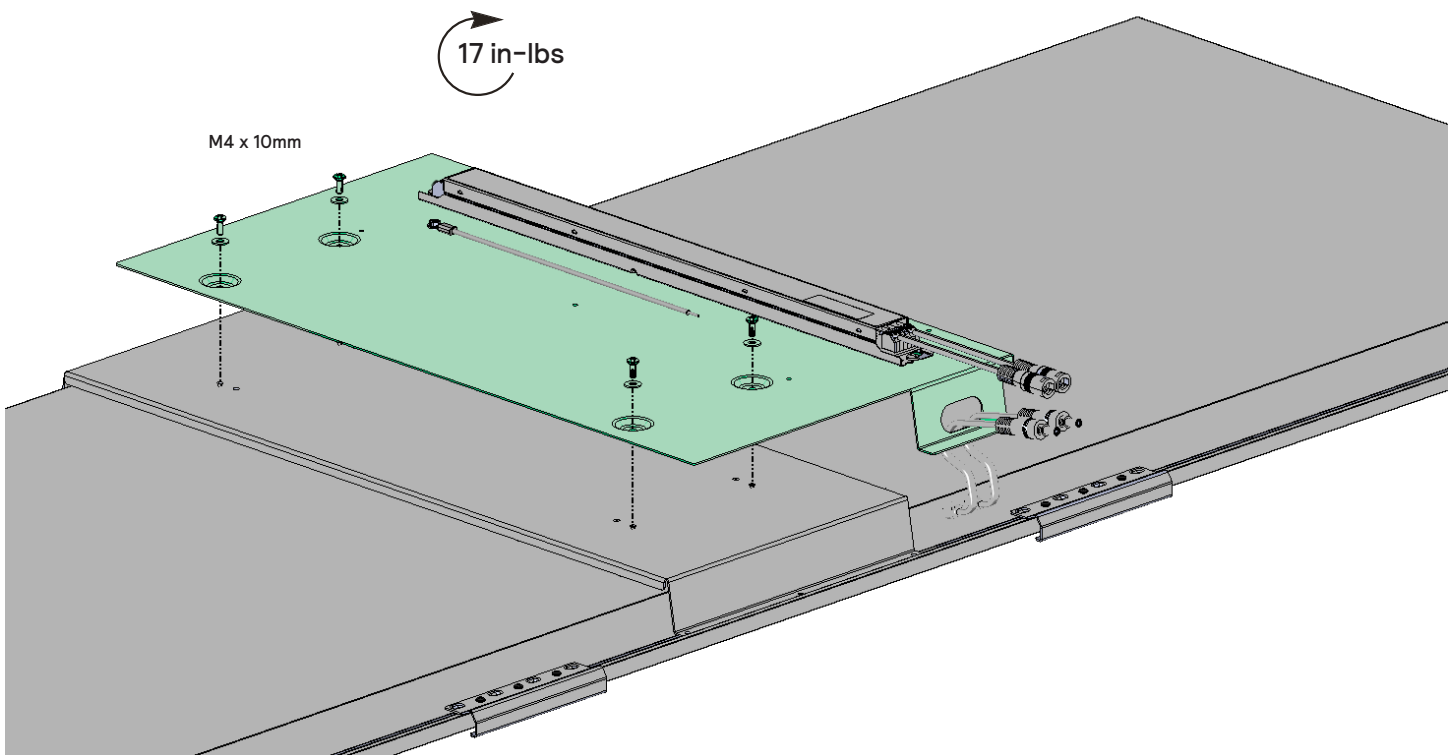
3

Mount brackets on both sides



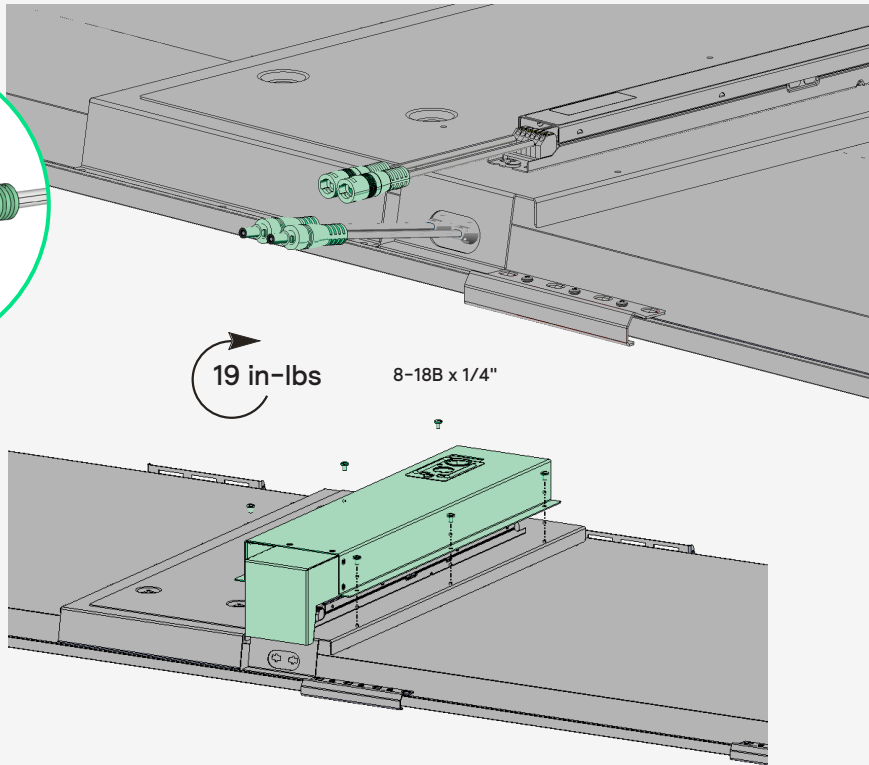
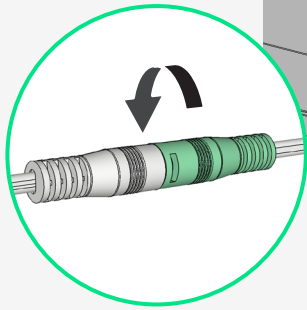
4

Mount Daylight gear tray



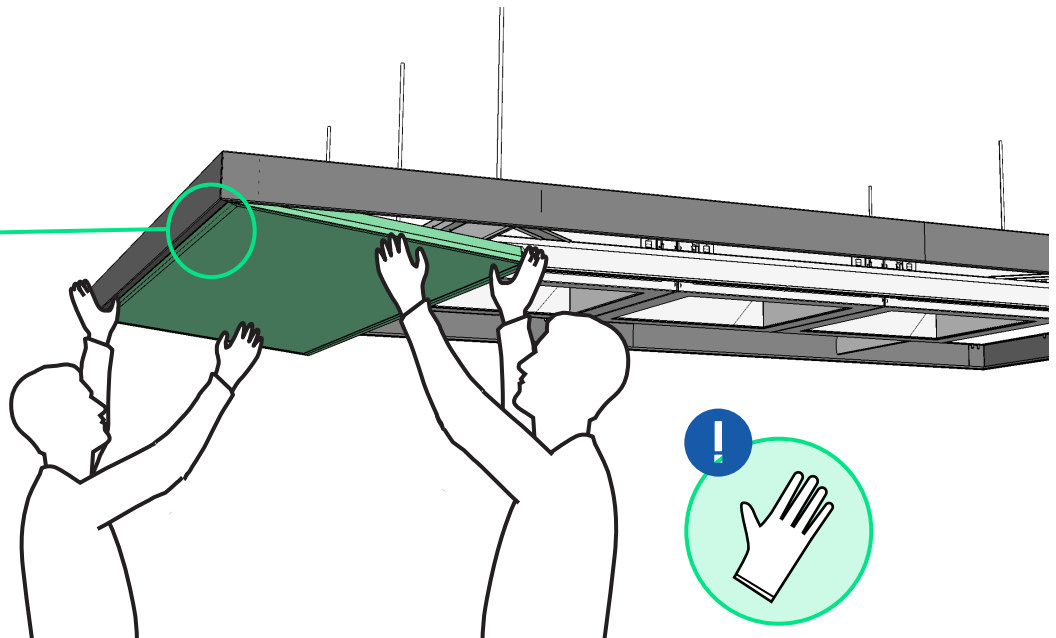
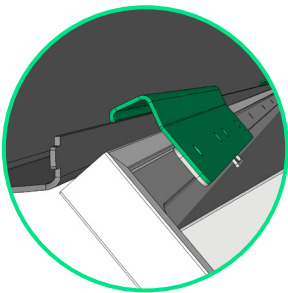
5

Connect driver cables



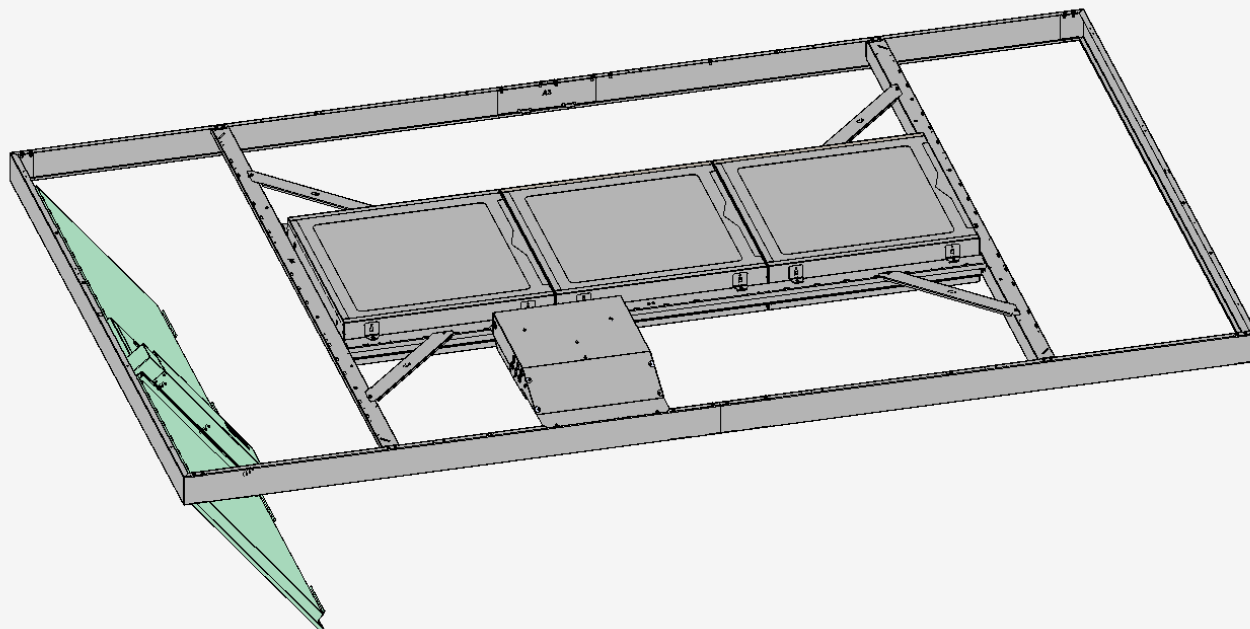
6

Hook first panel onto the frame



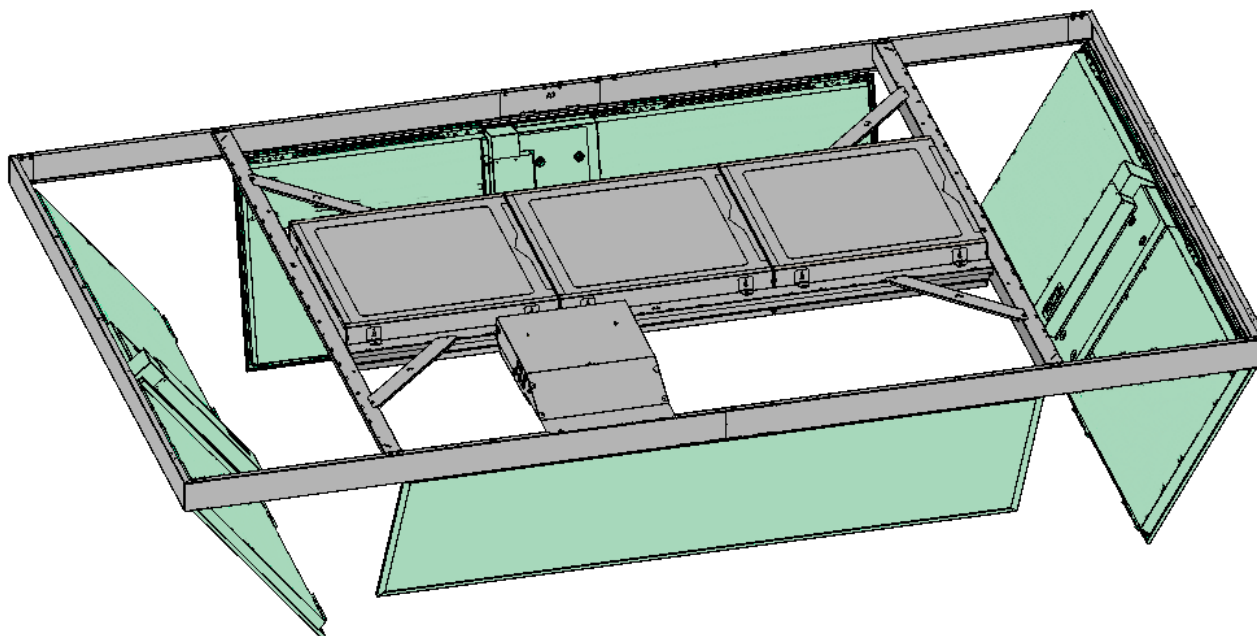
7

Flip Daylight downwards in hanging position



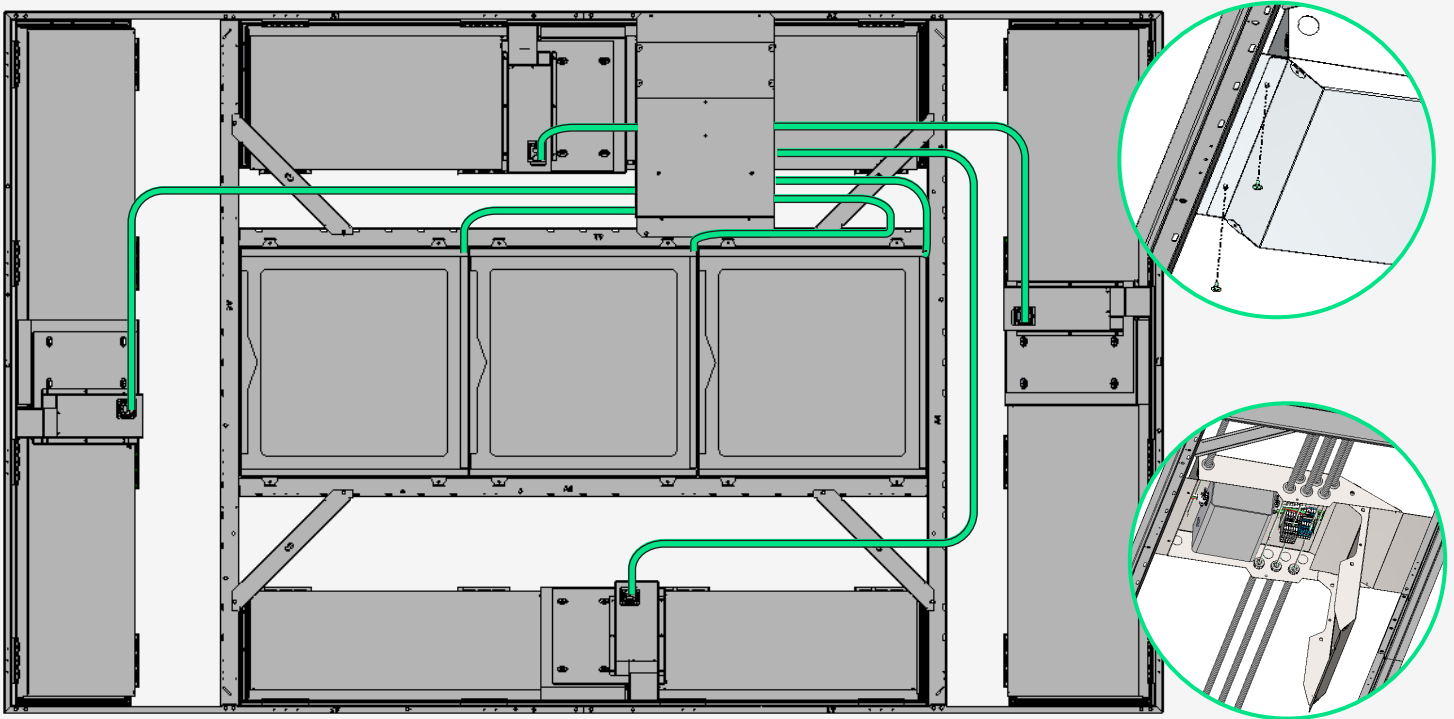
8

Repeat for all Daylights



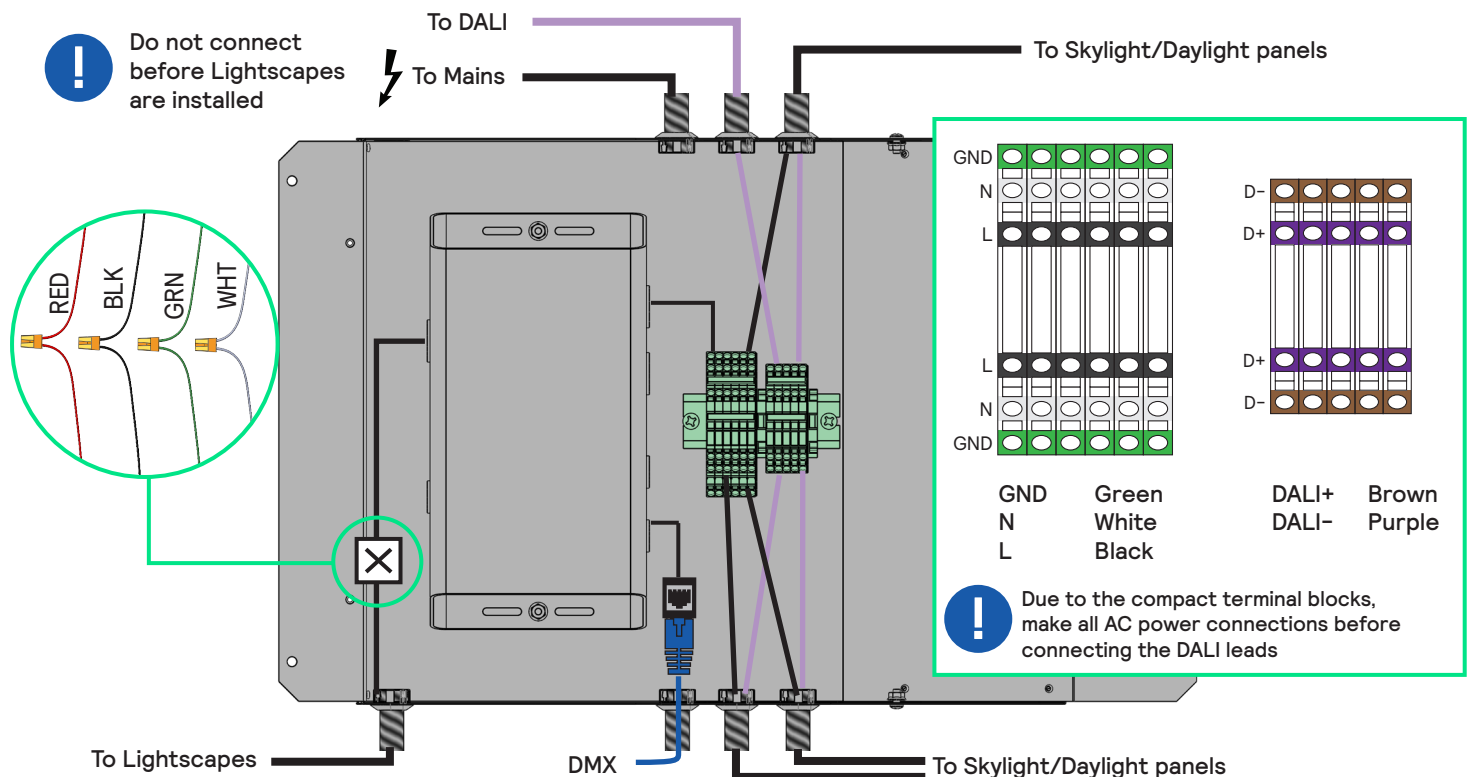
9

Attach conduit from Skylight and Daylight panels to gear tray through knockouts



10

Connect Skylight and Daylight panels to terminal blocks.
Connect Lightscape Controller to Lightscape Controller

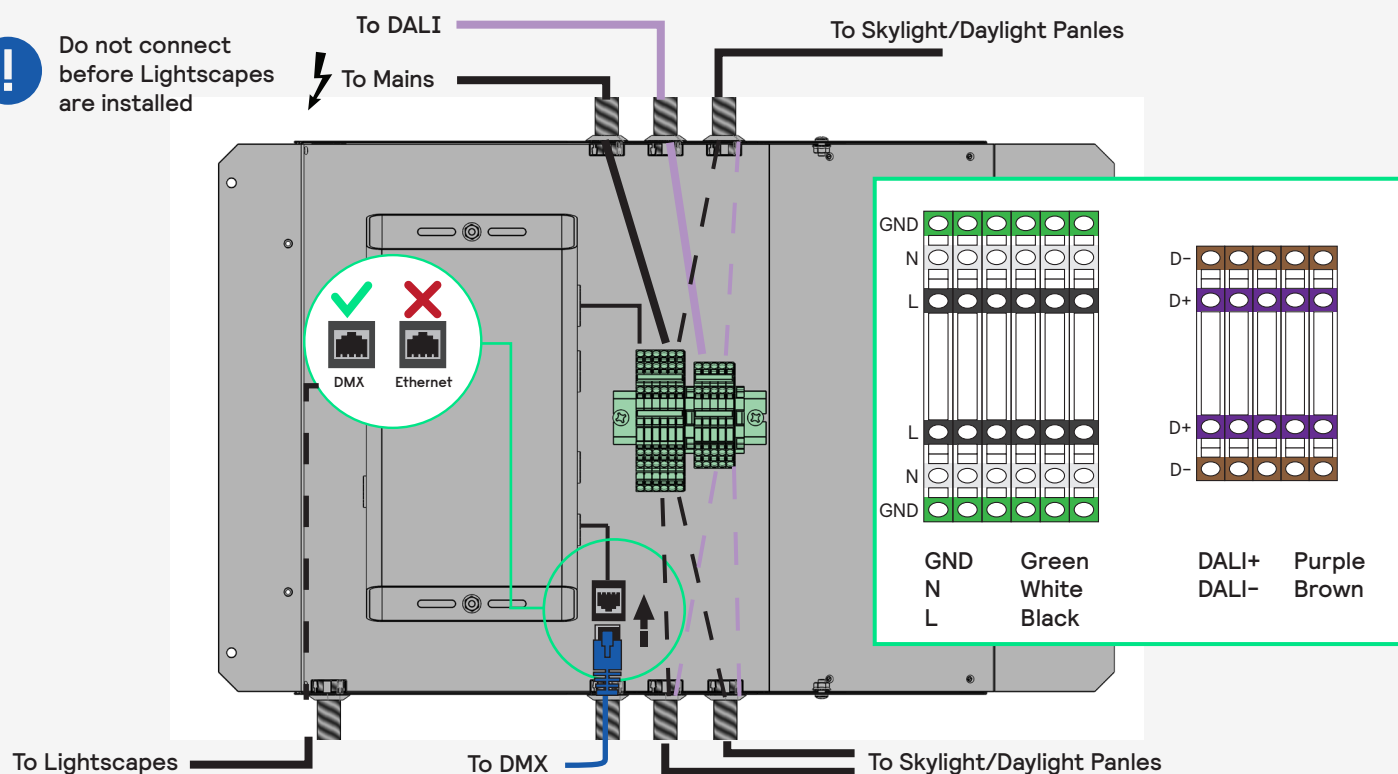


11

Connect Mains & DALI to respective terminal blocks. Connect DMX.

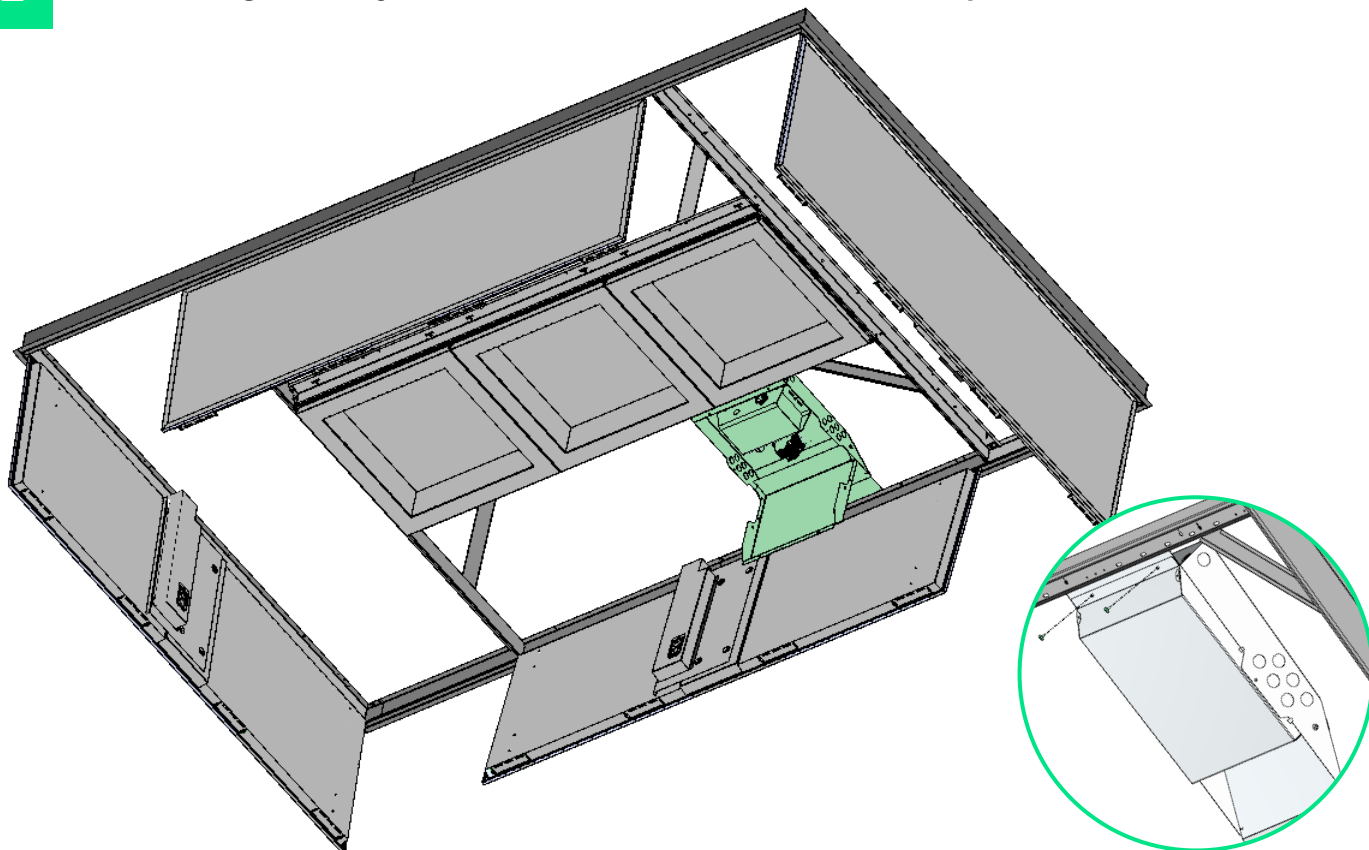


Do not connect
before Lightscares
are installed



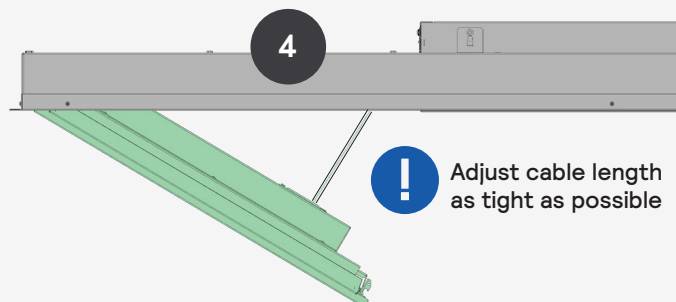
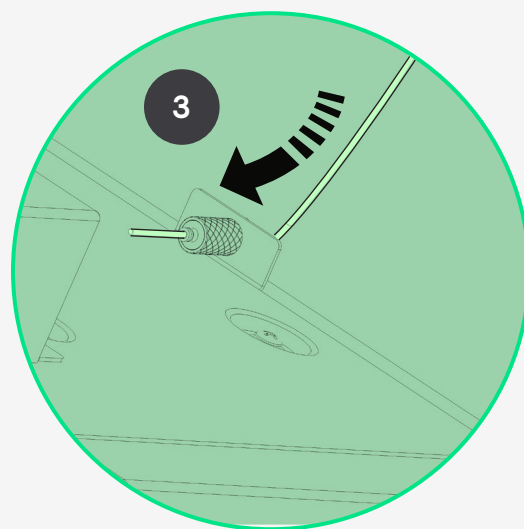
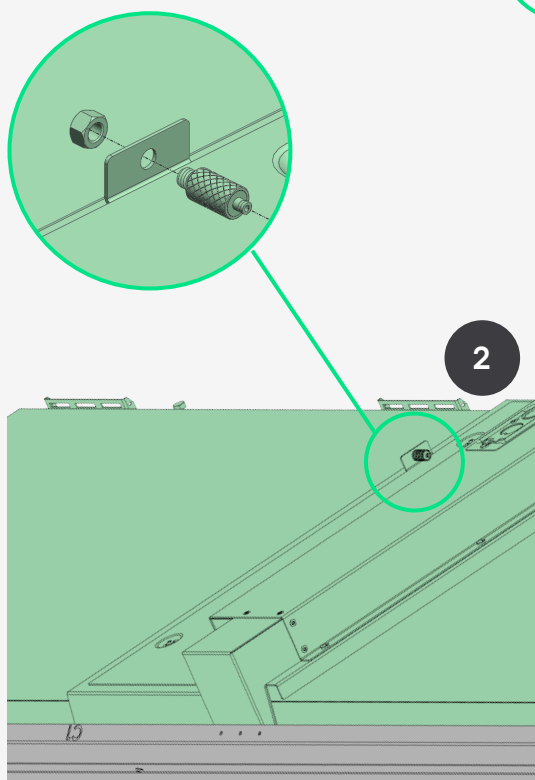
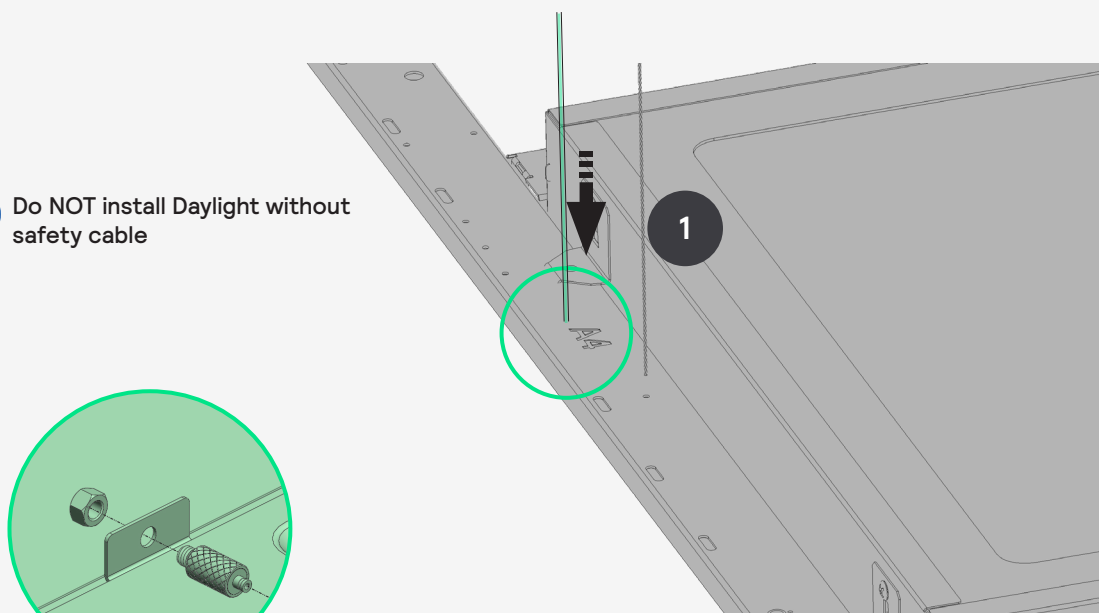
12

Secure gear tray door with screws removed in step 9

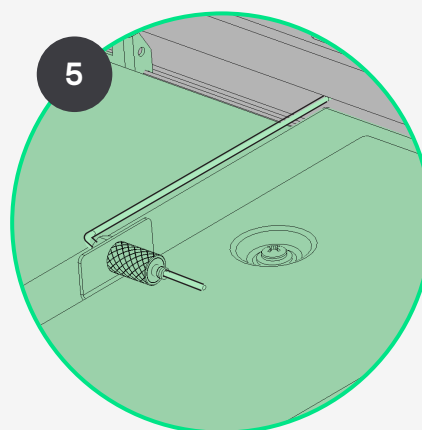


Safety cable installation

! Do NOT install Daylight without safety cable

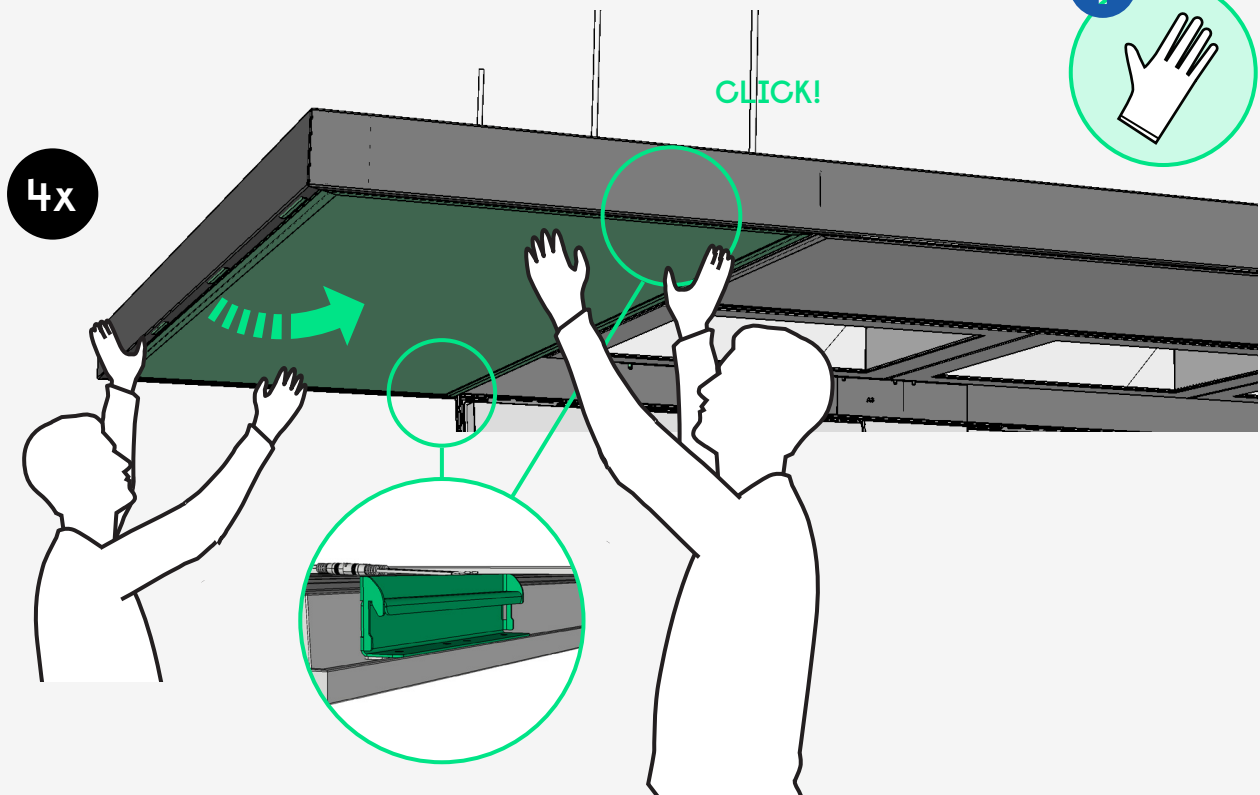


! Adjust cable length as tight as possible



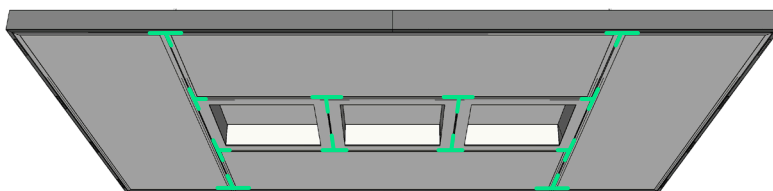
14

Push Daylights into the frame

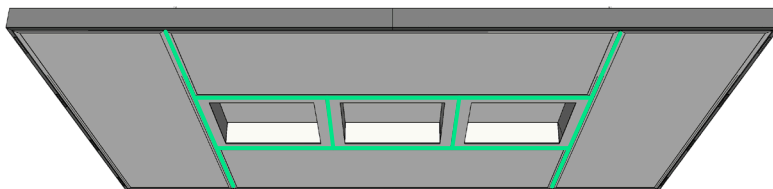


15

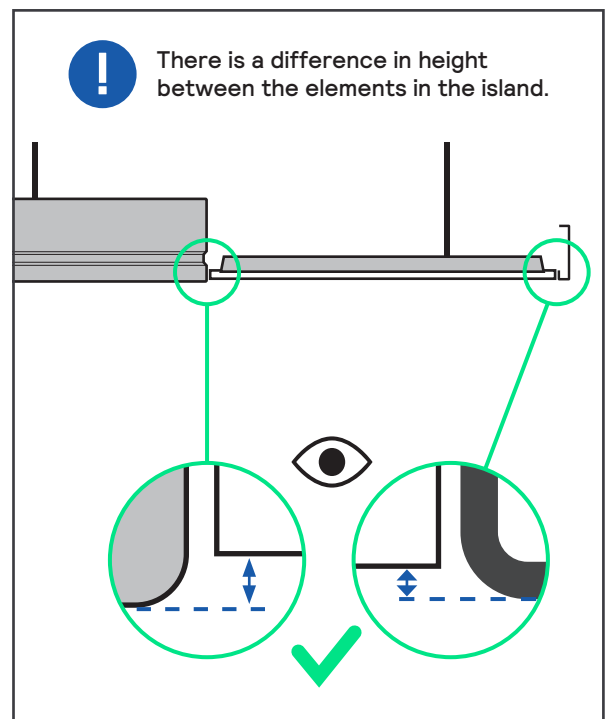
Align elements



Align all corners



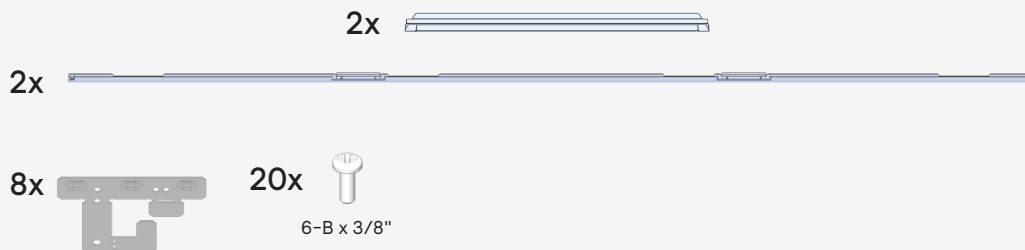
Keep a distance of ± 2.5 mm
between all elements



T-bar recessed Standalone Daylight

1

Unpack kit

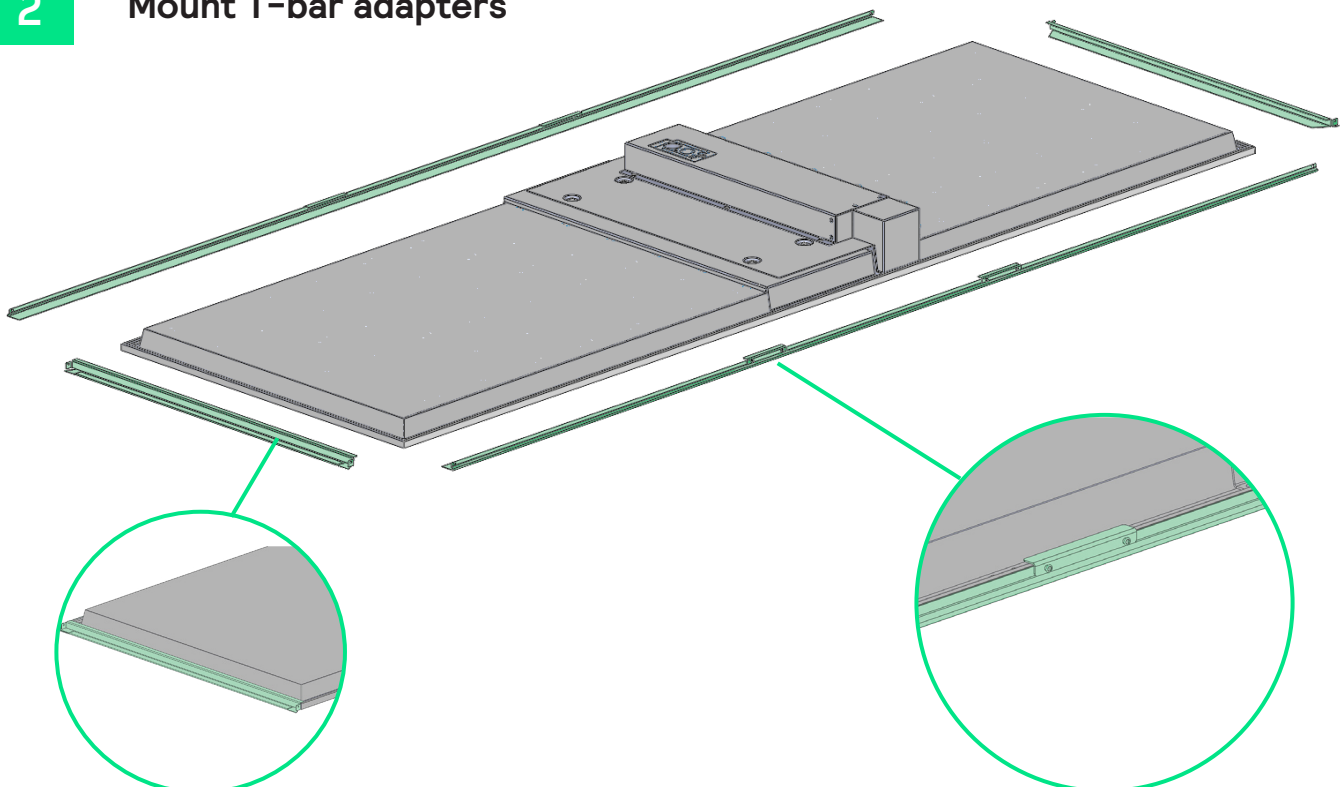


Tools not included

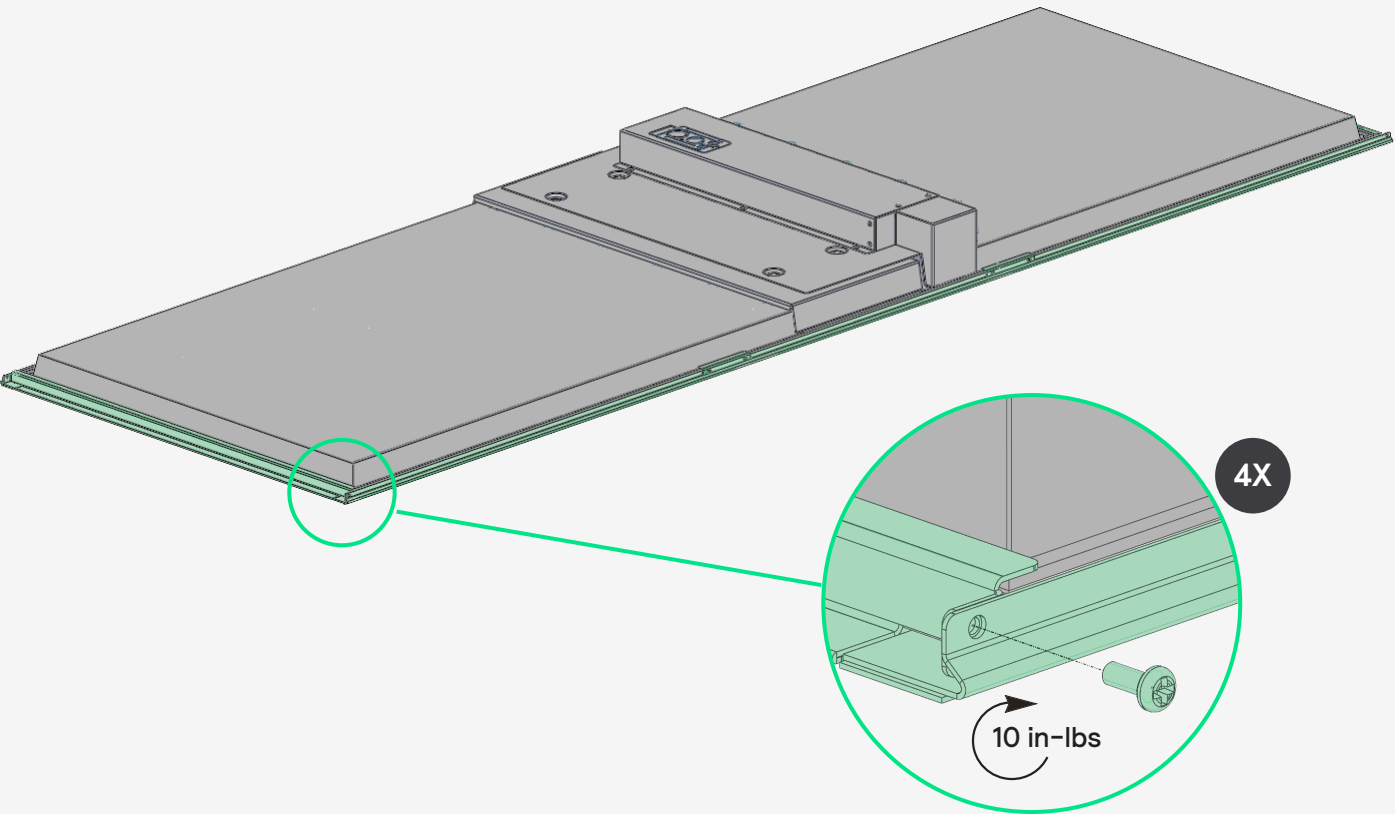


2

Mount T-bar adapters

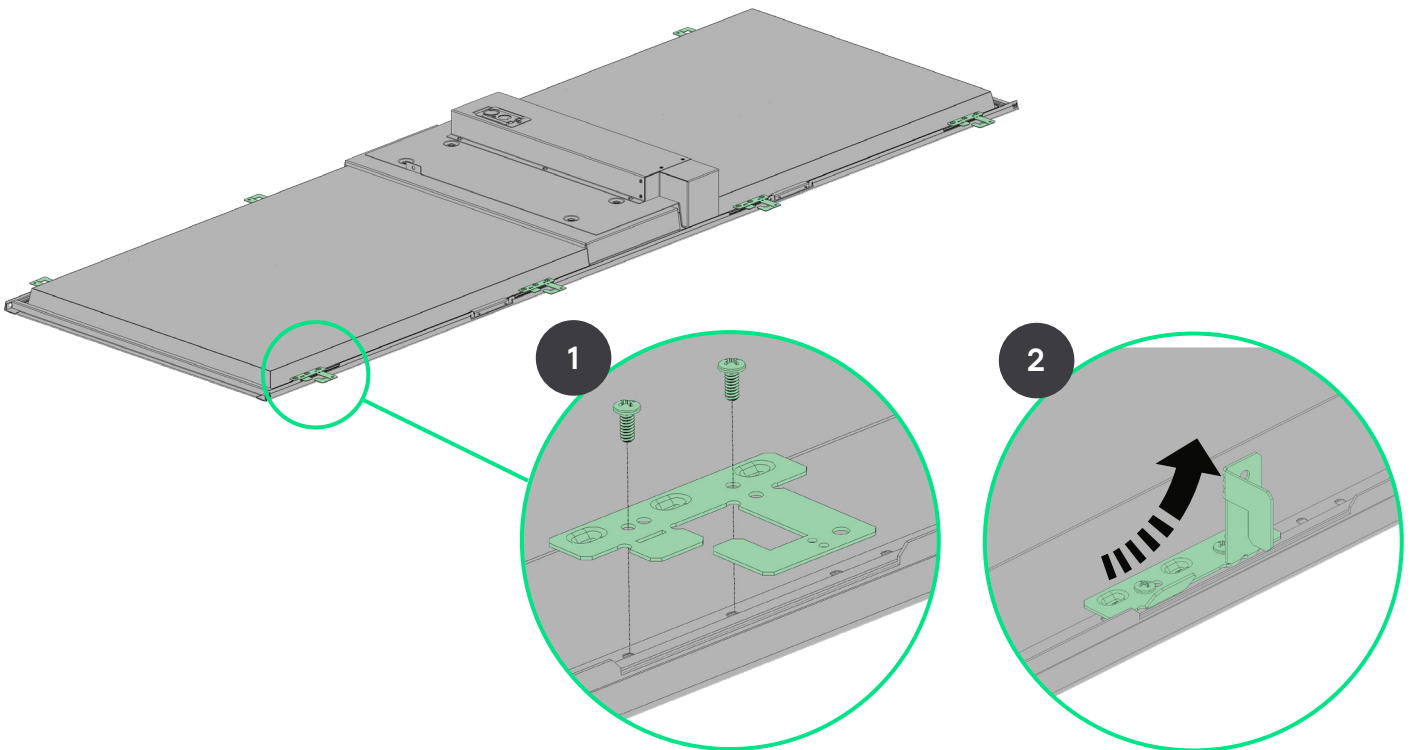


3

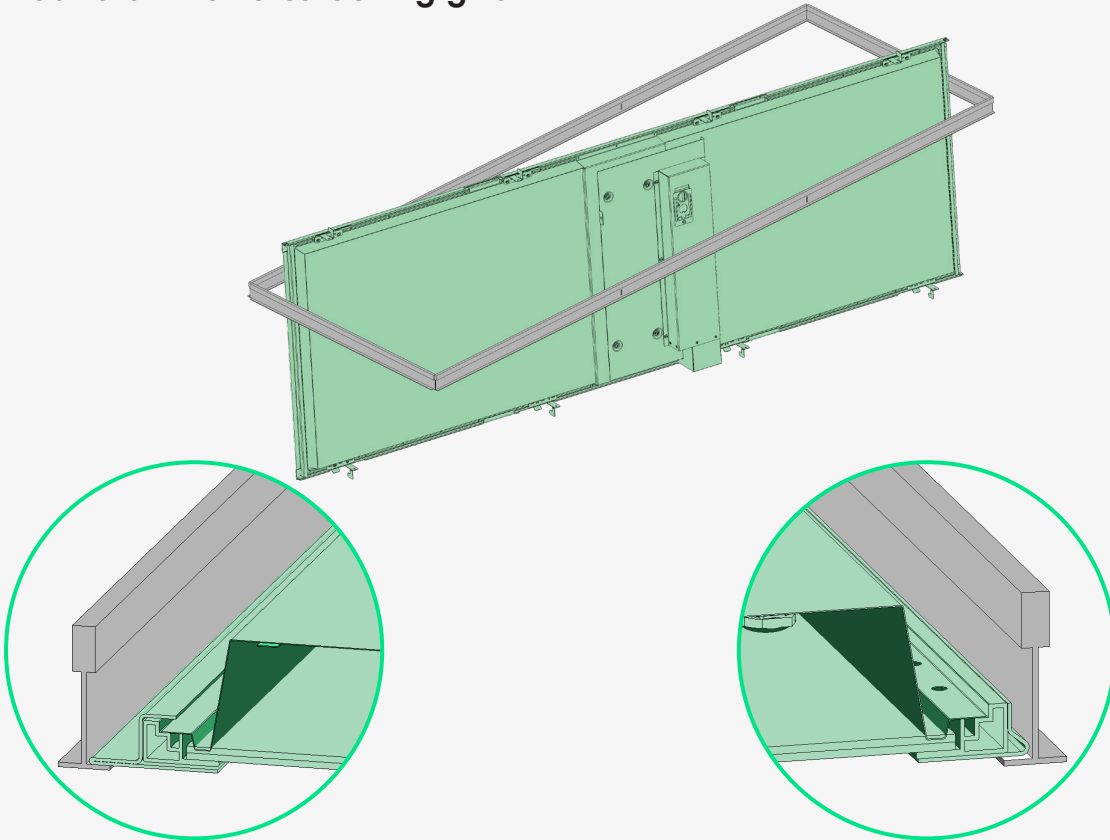


4

Screw the flat brackets and then bend them



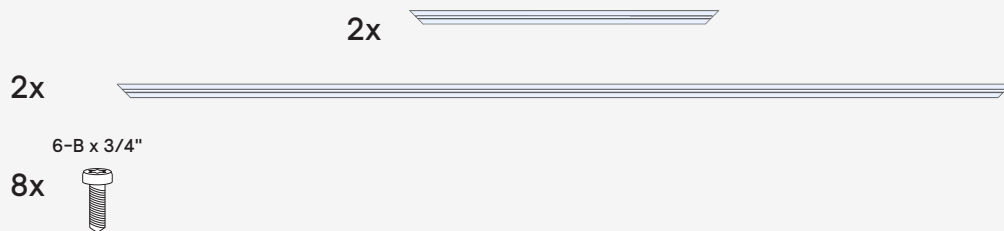
Mount luminaire to ceiling grid



Drywall recessed Standalone Daylight

1

Unpack kit

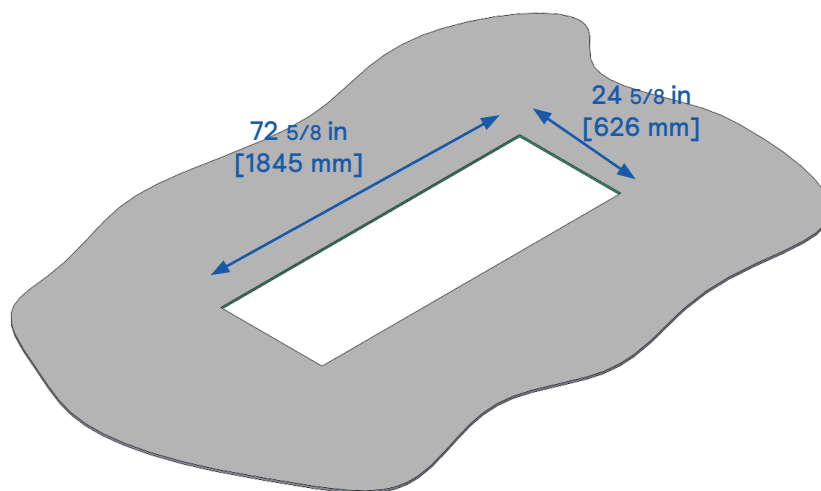


Tools not included



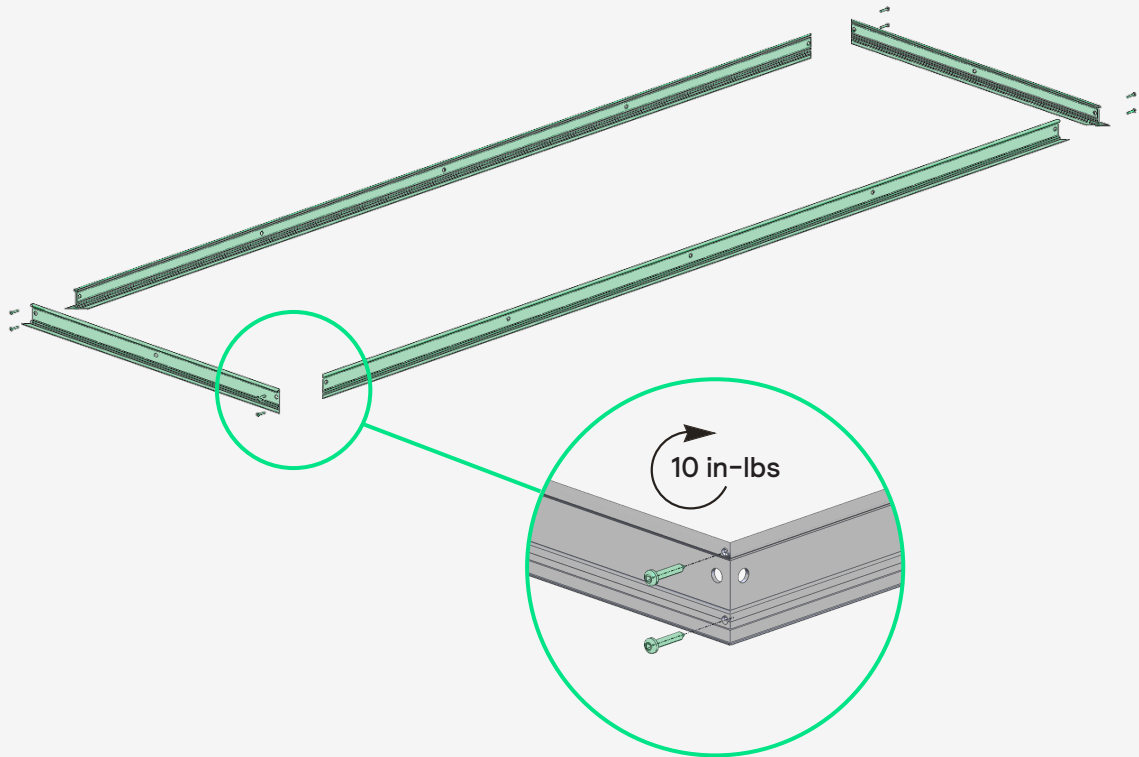
2

Make an opening in the ceiling



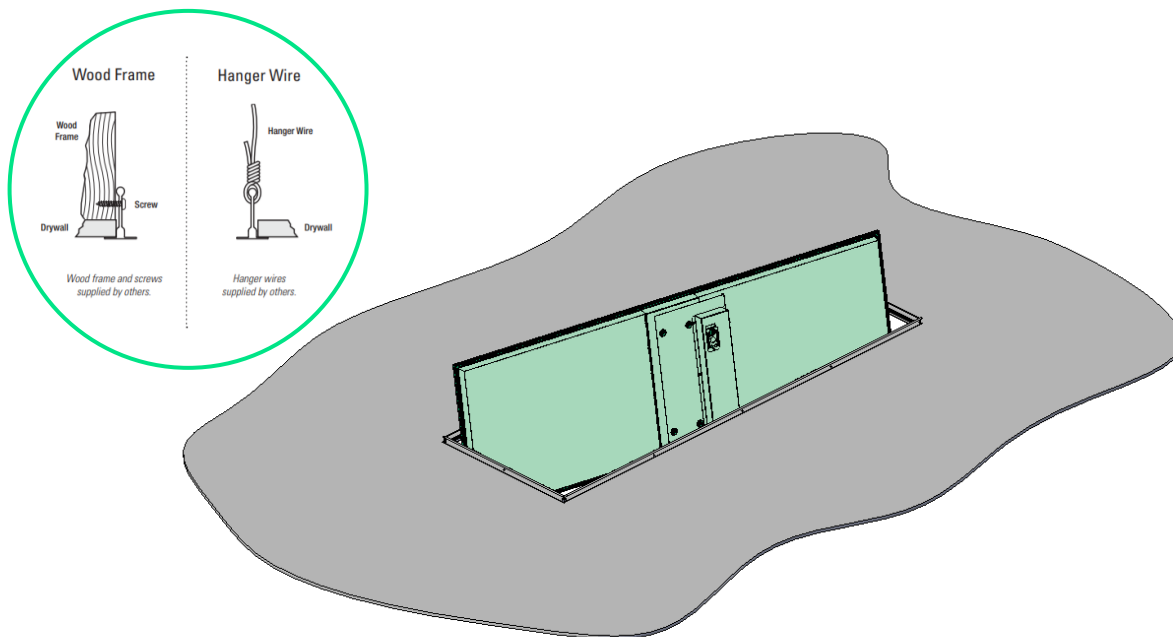
3

Assembly the frame



4

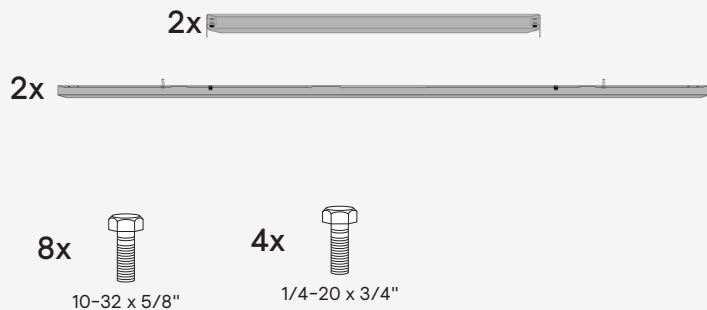
Mount frame to ceiling and then luminaire to frame



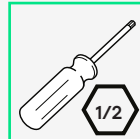
Suspended standalone Daylight

1

Unpack kit

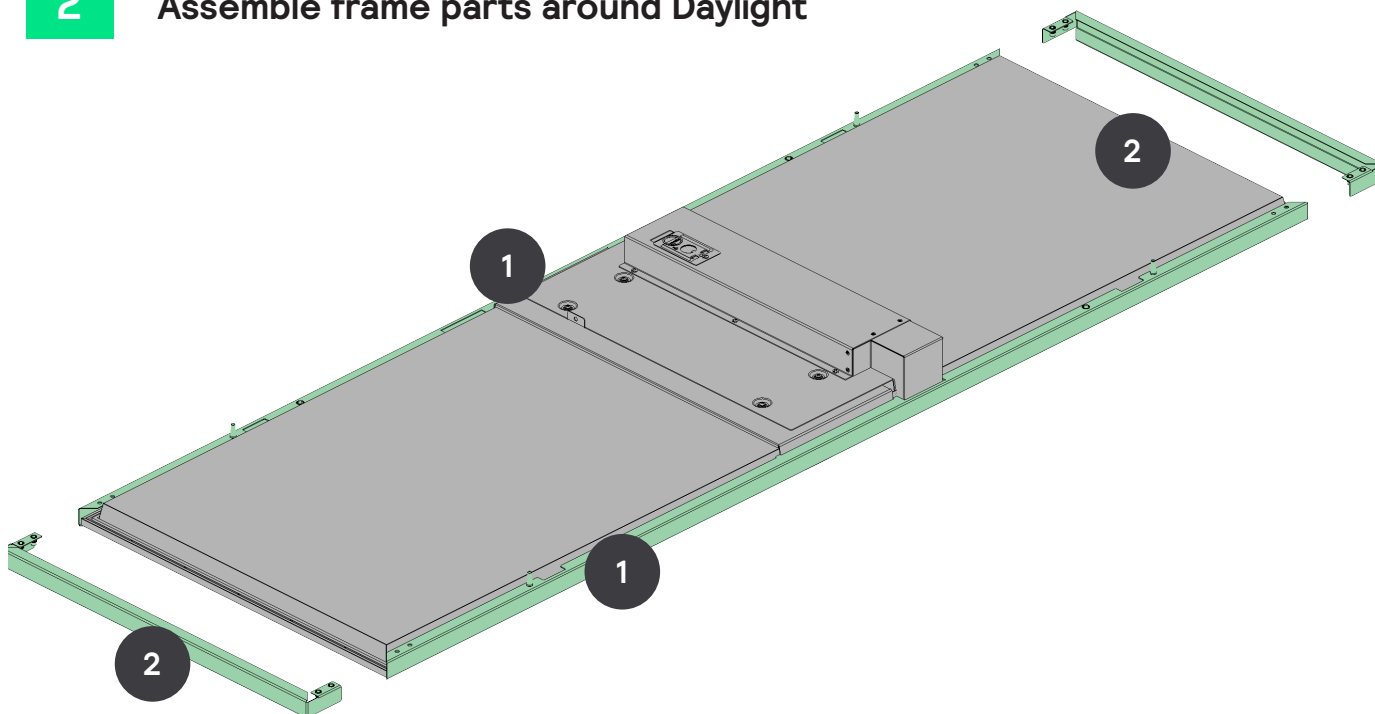


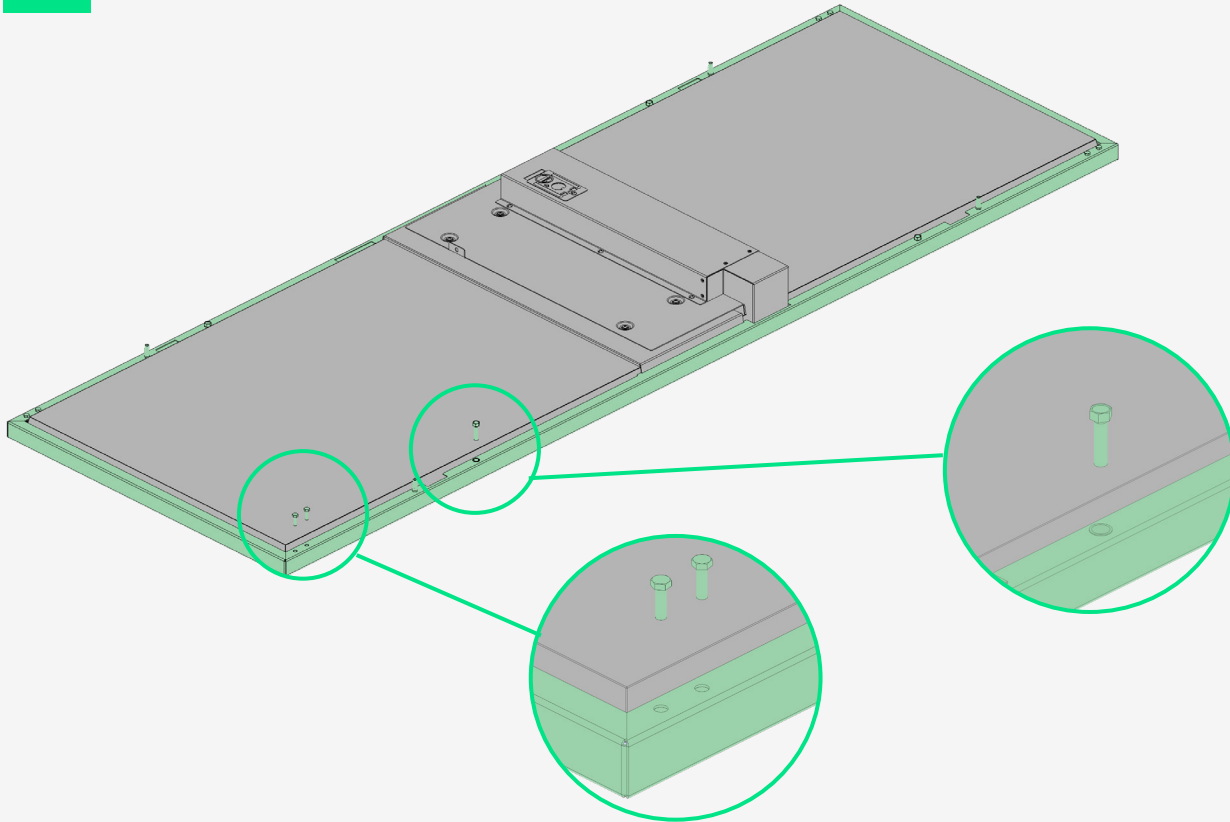
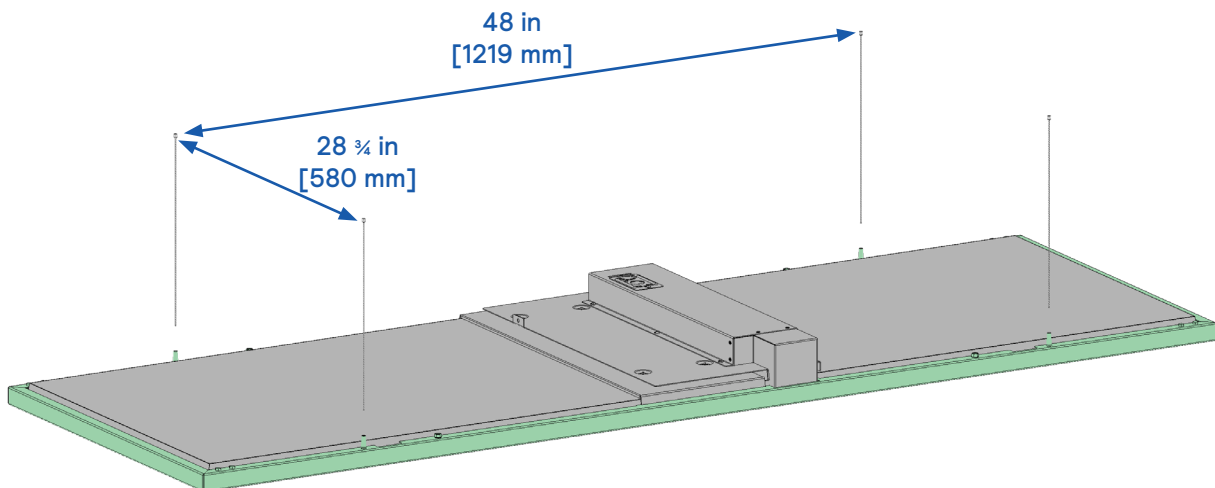
Tools not included



2

Assemble frame parts around Daylight

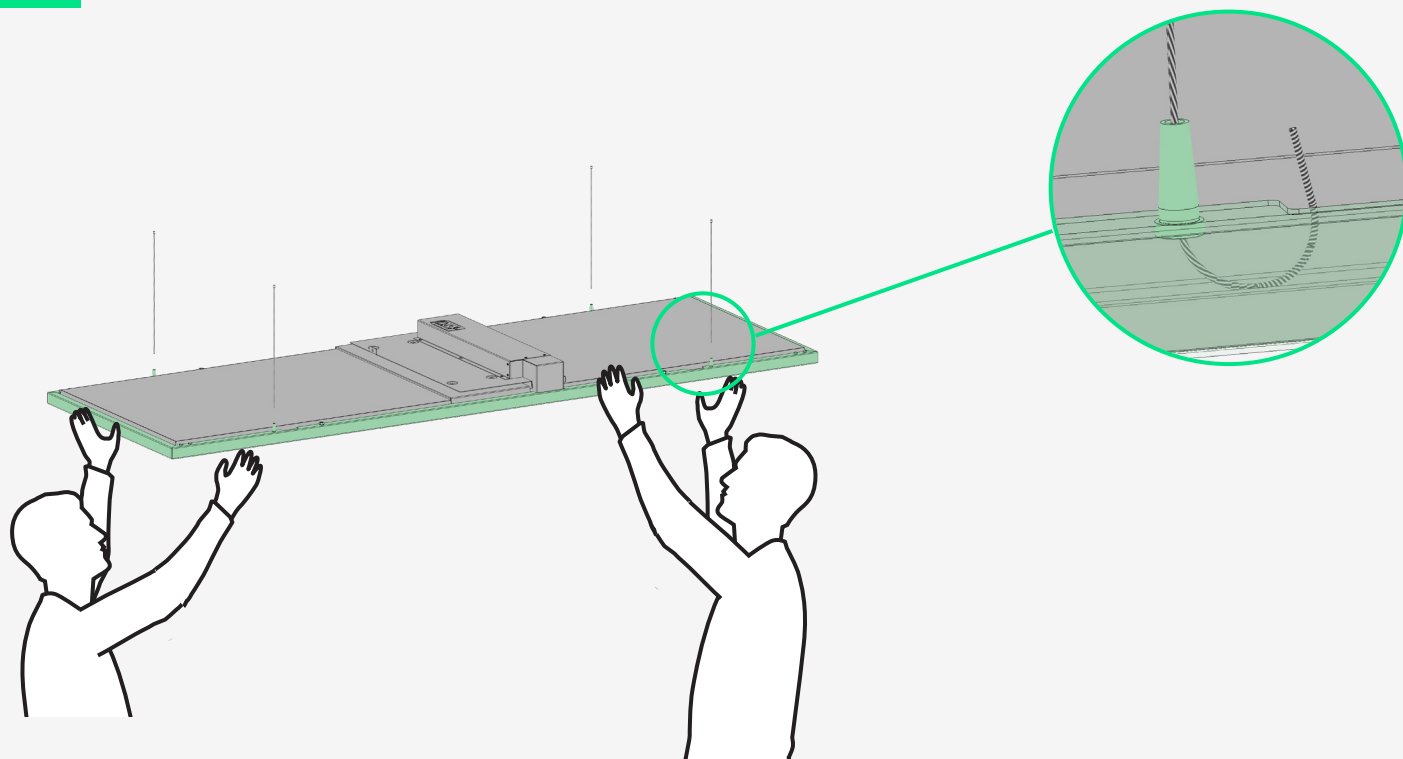


3**Screw frame and secure Daylight panel with the screws****4****Define suspension points**

Check mounting instruction for suspension points installation (4).

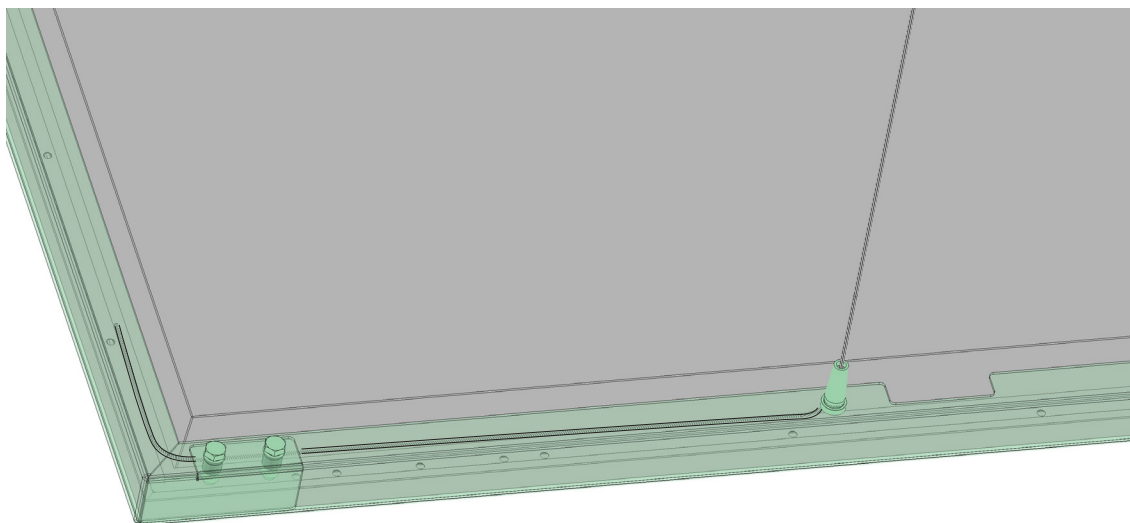
5

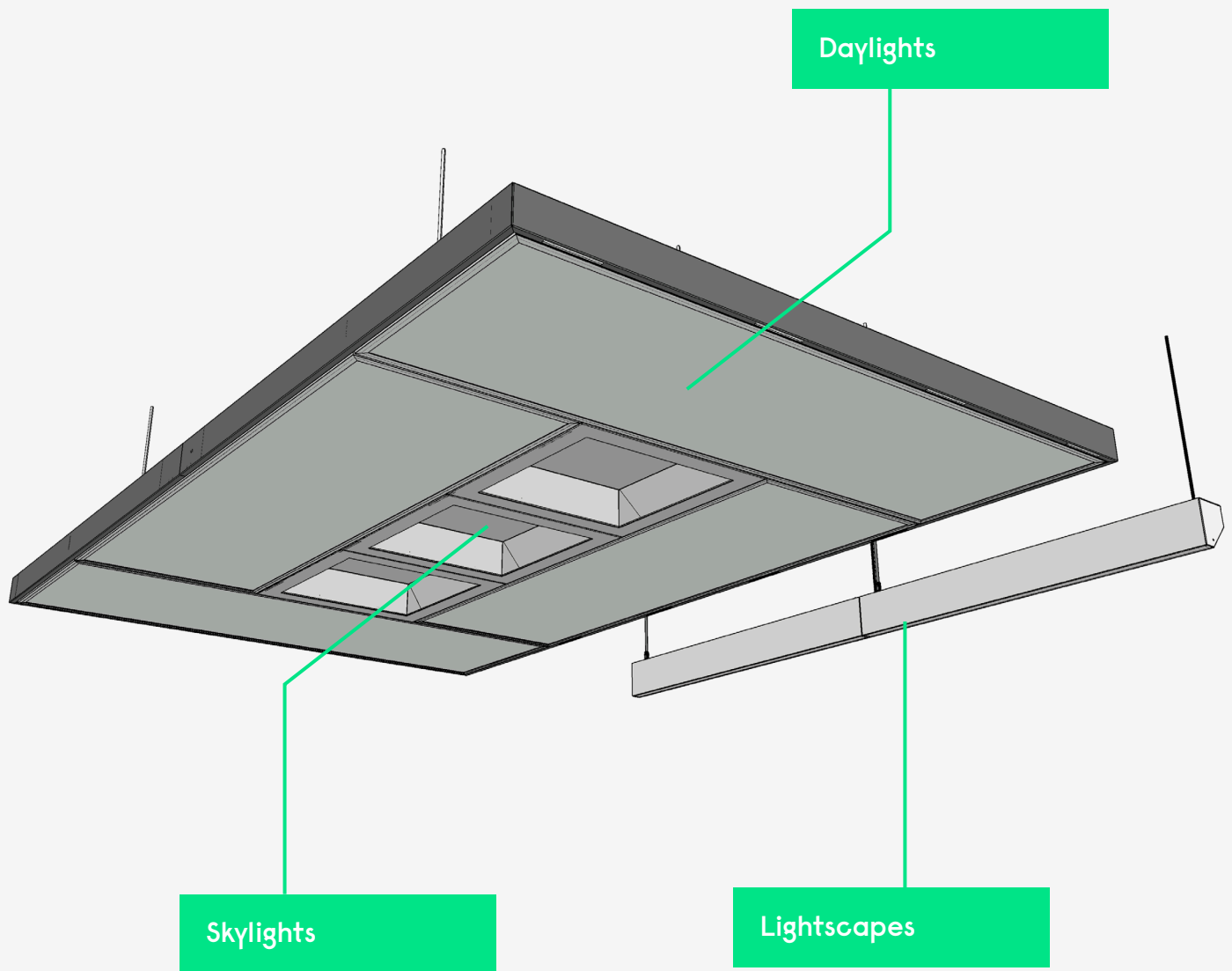
Insert the cables in the four grippers until desired height



6

Hide the extra cable in the frame channel





I

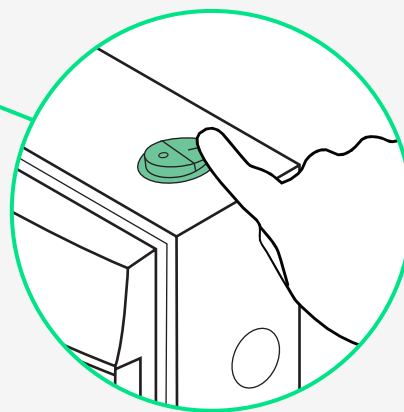
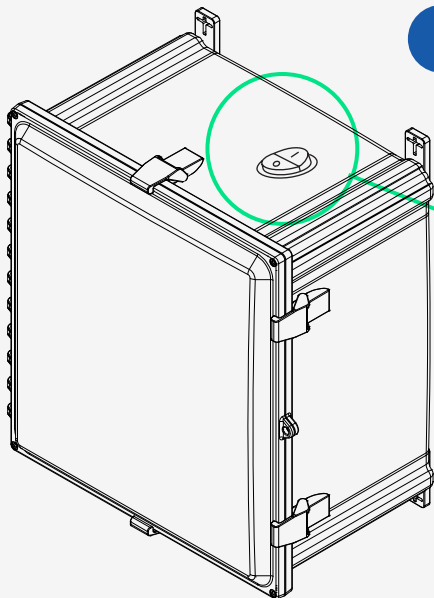
Switch button to I: TEST MODE



Power on island
Power on cabinet



Make sure all cables
are connected first



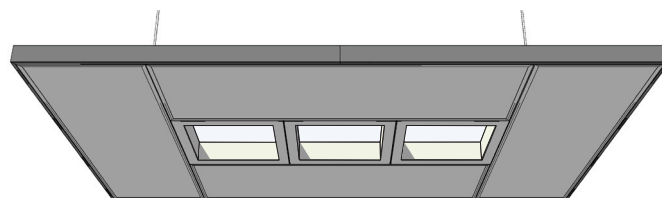
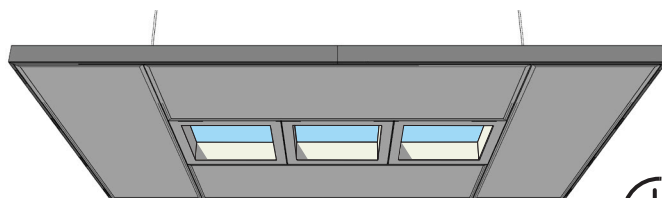
I = Test mode
Ø = Normal mode

2

Visually check all Skylights



The Skylights will change from white
sky to blue sky over 8 second



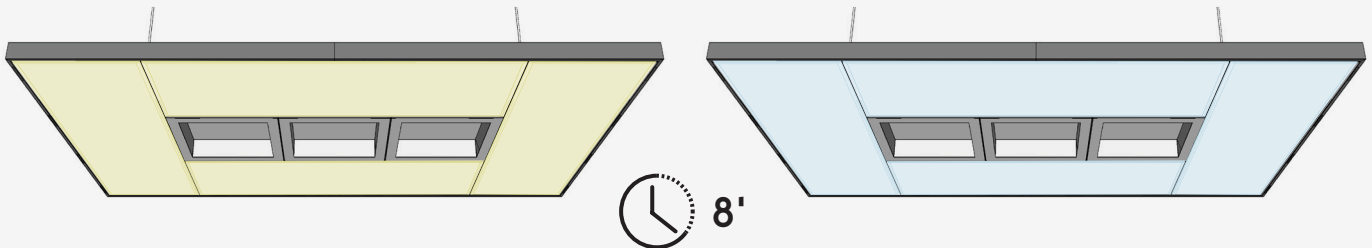
If any of the Skylights remains static, please
check if all cables are connected correctly.

3

Visually check all Daylights



The Daylights will change from warm to cool white light over 8 second



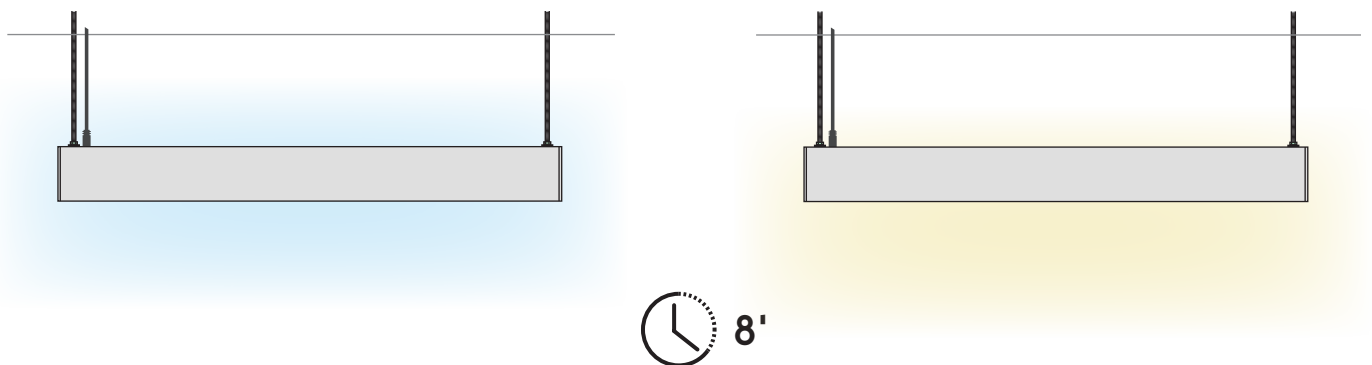
If any of the Daylight remains static, please check if all cables are connected correctly.

4

Visually check all Lightscares



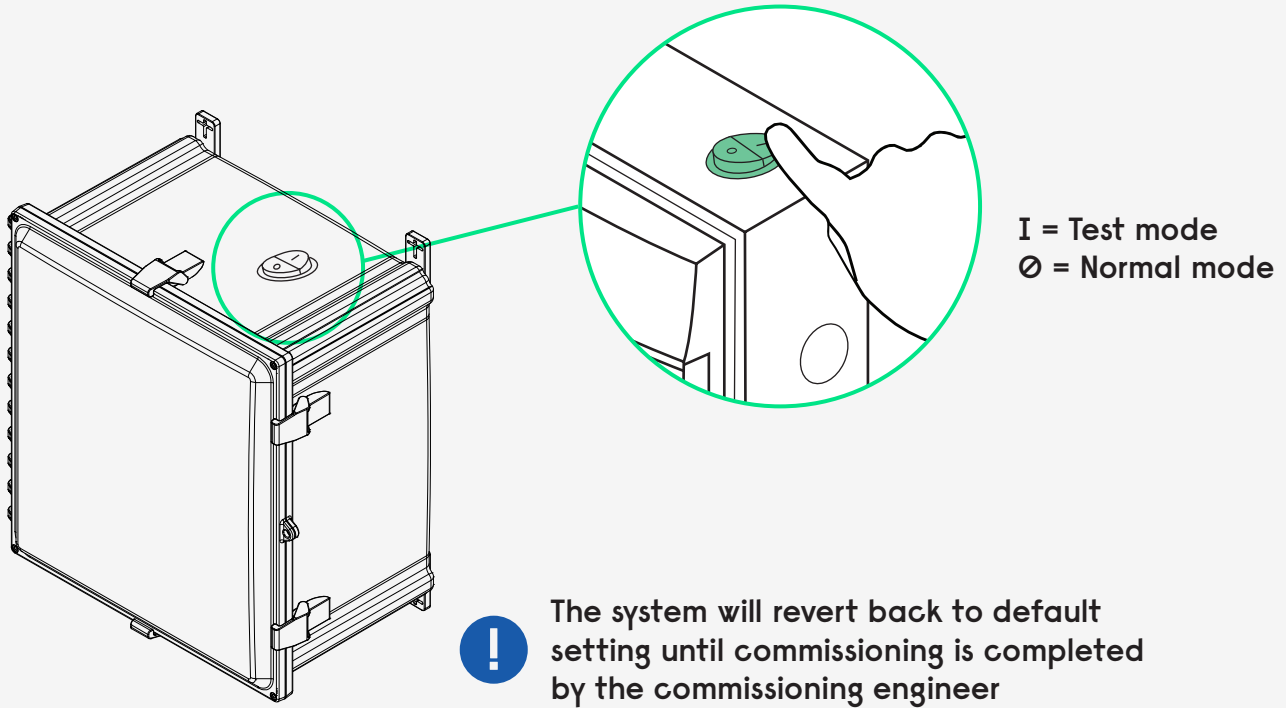
The Lightscares will alternate the top and bottom row between yellow and blue over an 8 second period



If any of the Lightscares remains static, please check if all cables are connected correctly.

5

Switch button to Ø: NORMAL MODE



Checklist

Task	Check
1. All Daylights light up correctly	
2. All Skylights light up correctly	
3. All Lightscares light up correctly	
4. Cabinet - functional internet connection	
5. Cabinet – LEDs blink green	
6. Timezone and time are setup in the cabinet	
7. Check alignment of the island (refer to page 53)	

Note

This equipment has been tested and found to comply with the limits for Class A digital device, pursuant to part 15 of the FCC Rules. these limits are design to provide reasonable protection against harmful interference when the equipment is operated in a commercial enviroment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communica-tions. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

