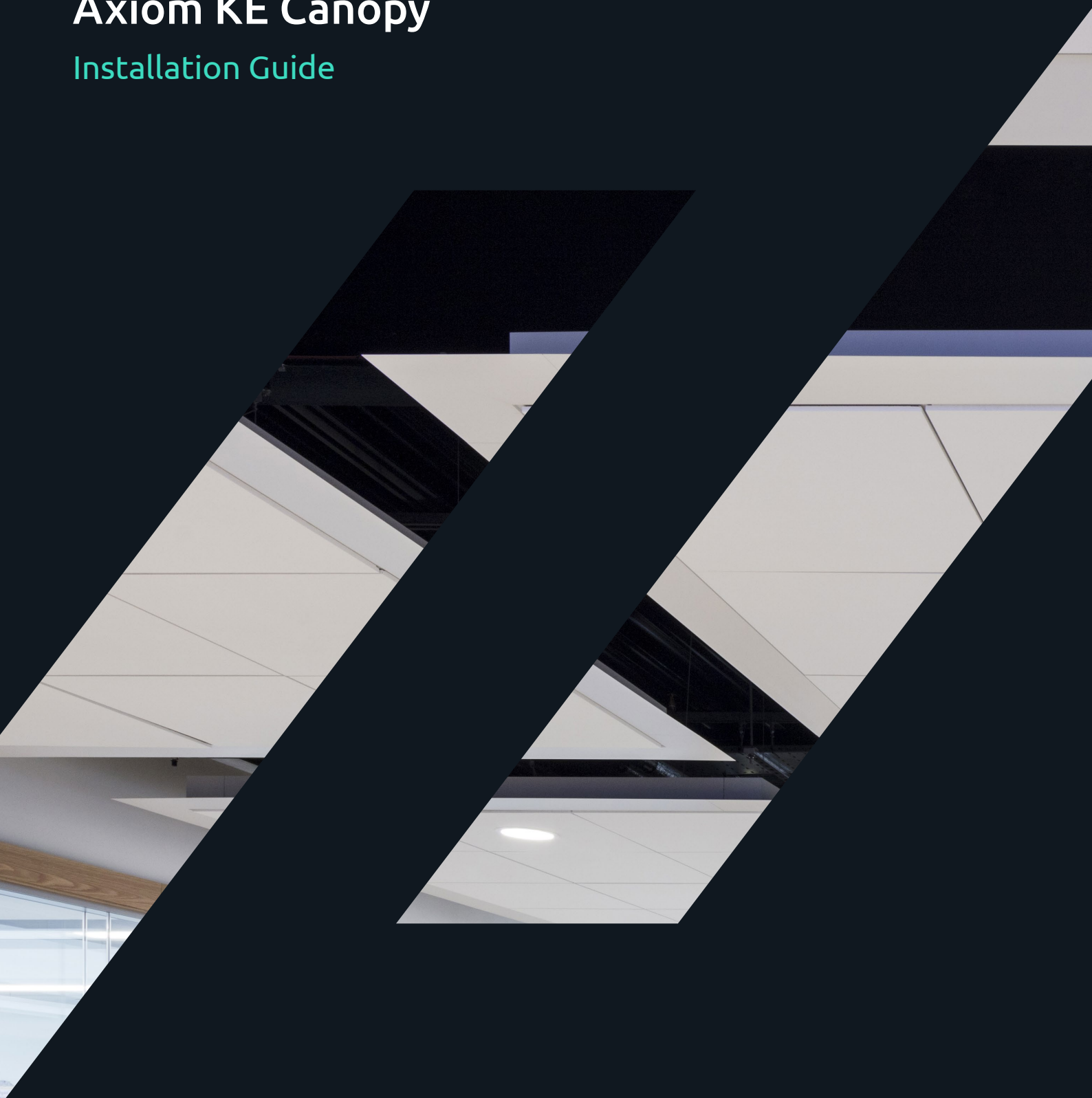


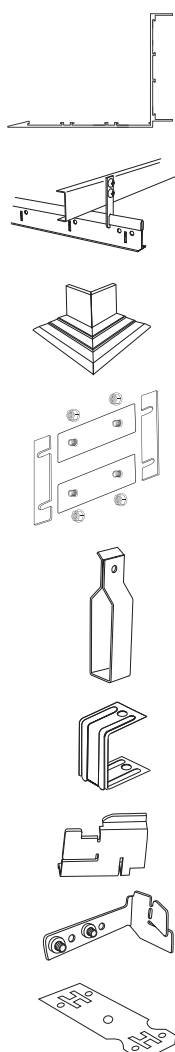
Axiom KE Canopy

Installation Guide



01 Preparation

Axiom KE Canopy Components



Item No.	Description
CS 57420 G	Axiom KE Canopy profile
C 3000 H	C Channel 19 x 38mm
A WDN 21 H	T-bar hanger
CS 57 G	Mitre corner piece
A 361 G	Mitre corner splice connector
A 348 G	Channel Bracket for Canopy (Aircraft cable included in the kit)
CA 97 H	Clamp for C channel
A 347 G	24mm XL ² connector clip
A 346 G	15mm XL ² connector clip
A 339 J	Axiom Universal t-bar connector clip for cut tees with screws
A 338 H	Axiom universal splice plate

Axiom KE Canopy is a modular suspension system supplied kit with ready-to-assemble components (partly listed above).

Initial Recommendations

- ✔ Axiom KE Canopies should always be installed in accordance with all applicable building codes and regulations.
- ✔ Axiom KE Canopies, as any other architectural feature located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler distribution pattern or even delay the activation of the fire detection system. Designers and installers are advised to consult a fire protection engineer for guidance on the proper installation techniques where fire detection or suppression systems are present.
- ✔ Any additional load (such as light spots) MUST NOT be suspended from the canopy but independently from the soffit.
- ✔ Axiom KE Canopies should be always installed on a horizontal plane.
- ✔ Axiom KE Canopies are only suitable for indoor applications.
- ✔ Axiom KE Canopies can reach a significant weight. In order to minimise the risk of injuries, the canopies should be installed by a minimum of 2 people.
- ✔ Suspension elements such as threaded rods, anchors or any other element not included in the kit must be chosen to ensure a safe installation and follow local regulations.
- ✔ It is recommended to assemble the canopy under the final ceiling location to avoid later movement.

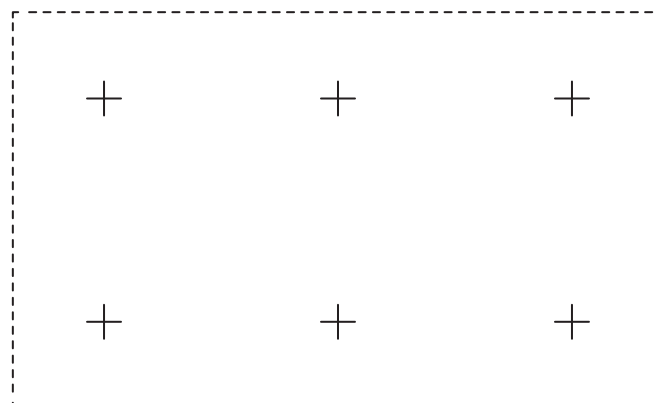
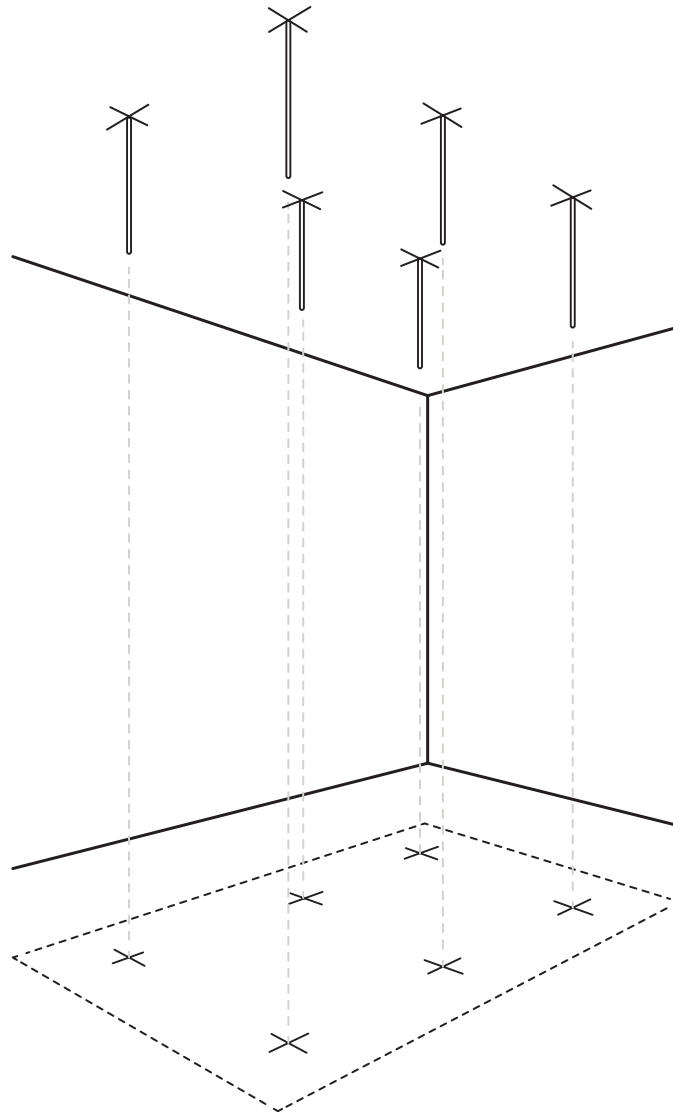
Gloves supplied in the kit are used to prevent marking the components during installation. They are **NOT** meant to be used as safety gloves.

01 Preparation

Suspension Points

Suspension points should be determined before installing the canopy.

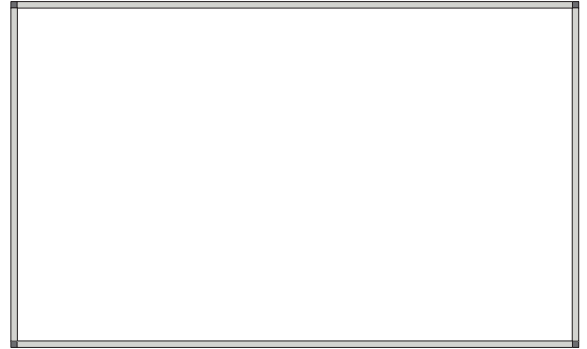
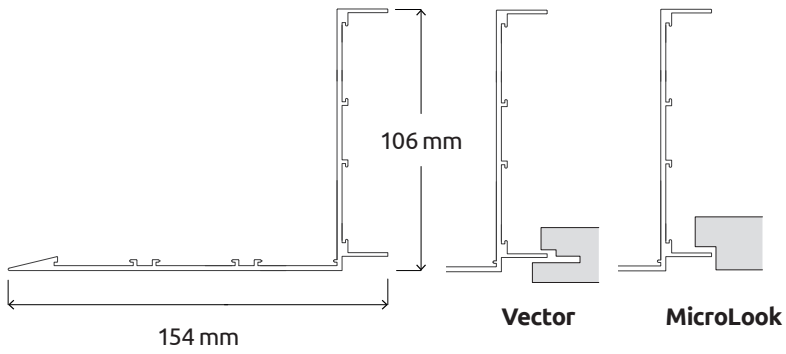
See the recommended suspension point matrix on the last page of this guide.



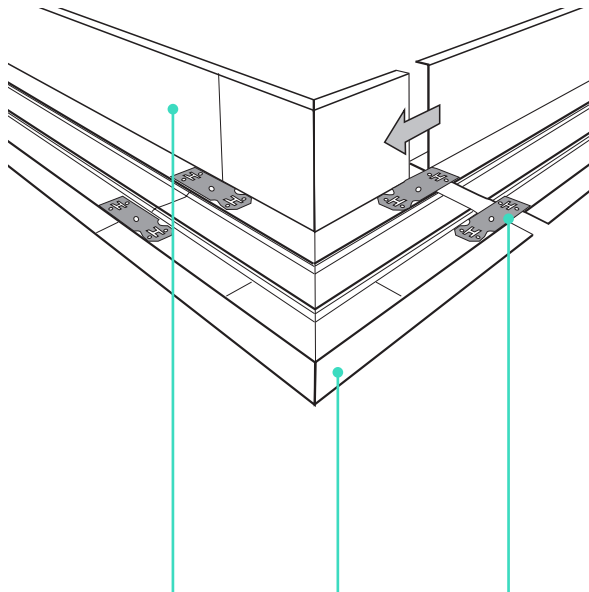
02 The Chassis on the floor

Axiom KE Canopy profile CS 574206 G

The 1.8 x 3.0m module is used as an example only



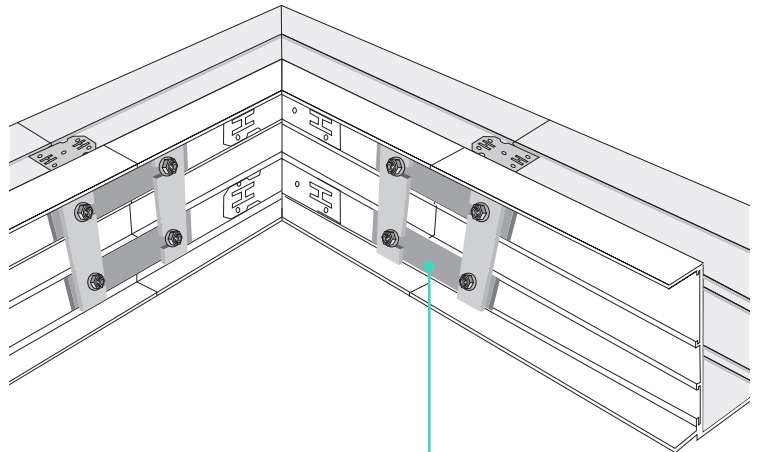
- 4 x Axiom profiles
- 4 x Mitre corner pieces
- 16 x Axiom universal splice plates
- 8 x Mitre corner splice connectors



Axiom
Profile

Mitre corner
piece

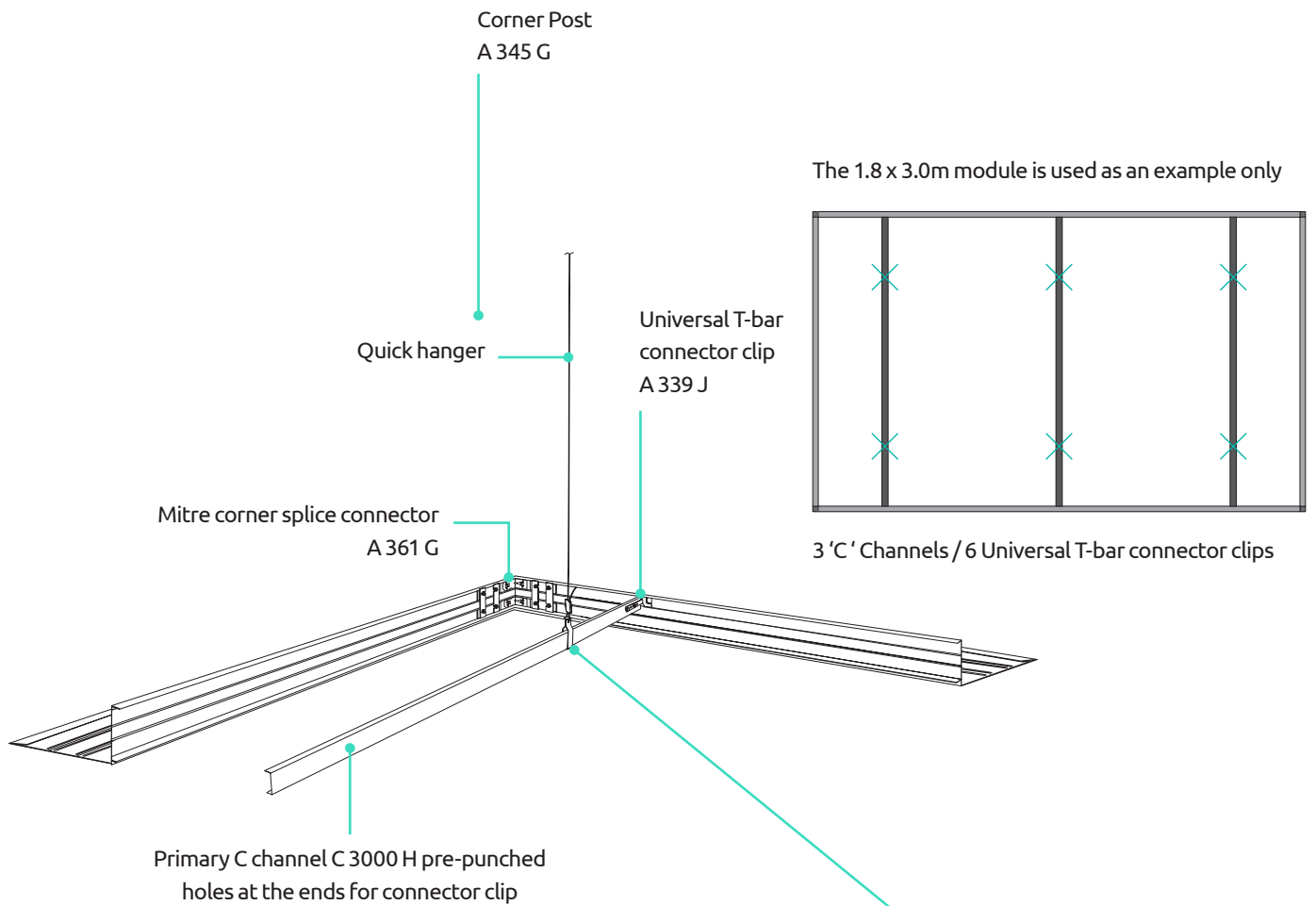
Axiom universal
splice plate



Mitre corner splice connector

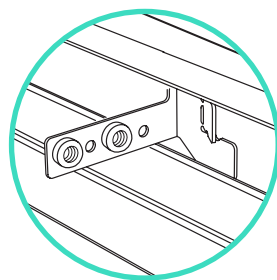
03 The Primary Grid

on the floor

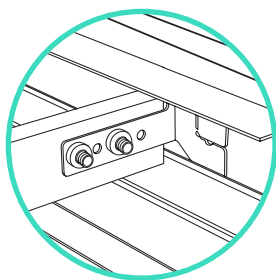


Suspension options

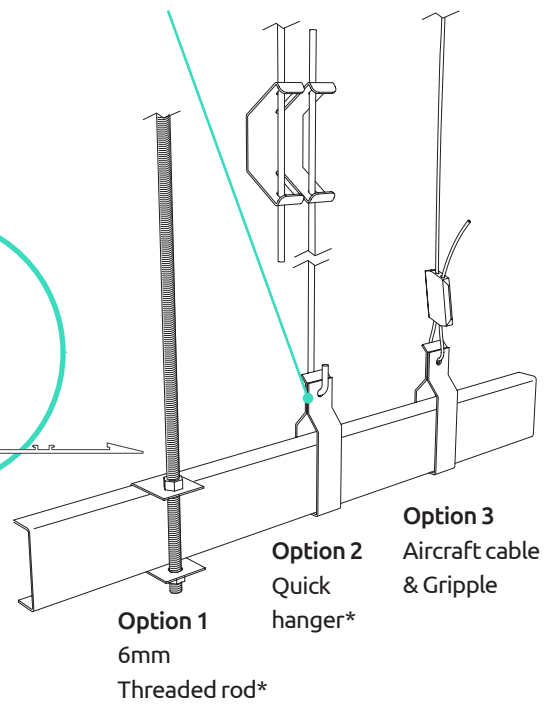
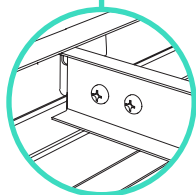
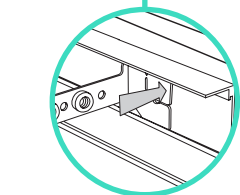
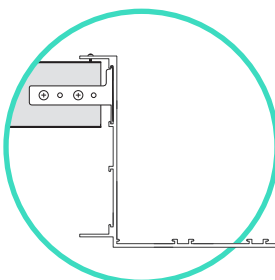
1 Axiom Universal
T-bar connector clip
A 339 J



2



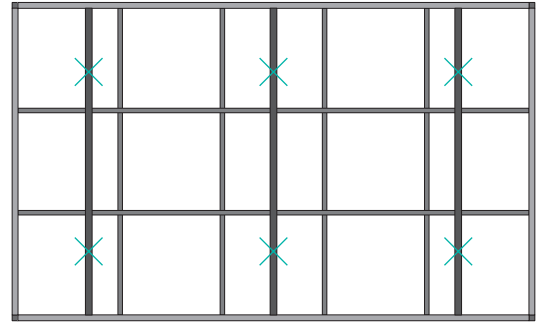
3



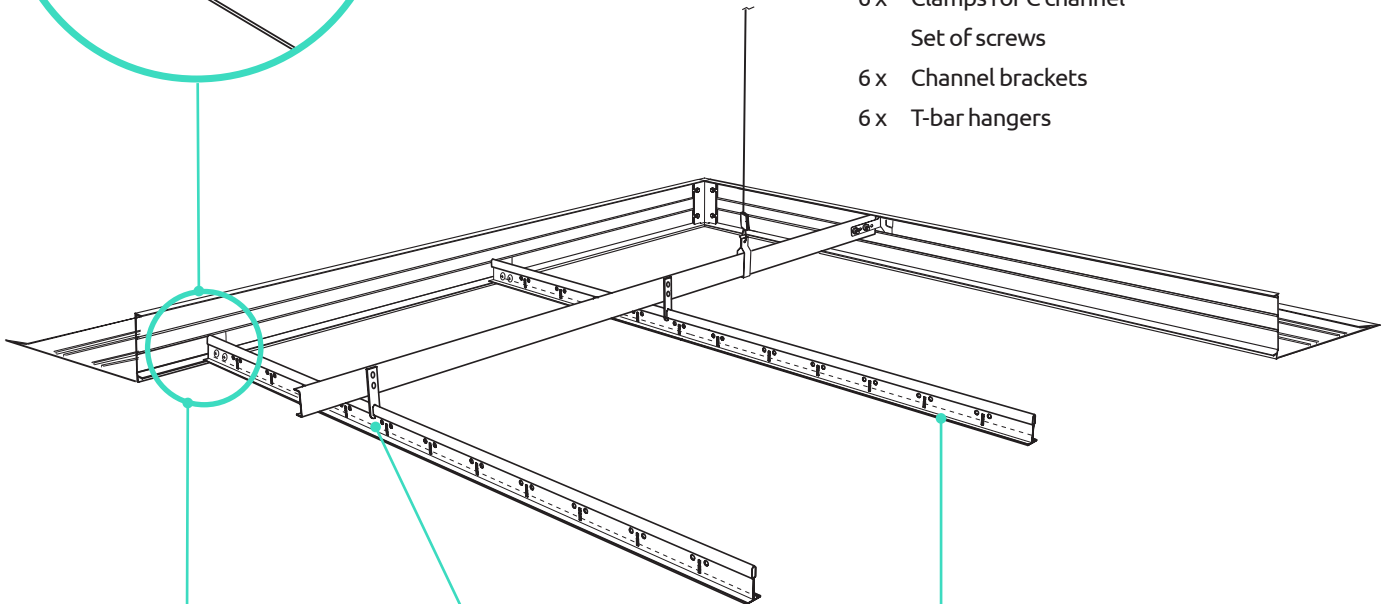
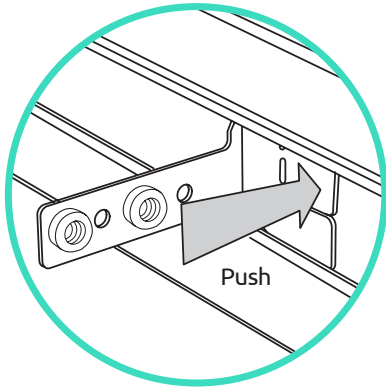
*not included in the kit

04 The Grid – Main Runner in the air

The 1.8 x 3.0m module is used as an example only

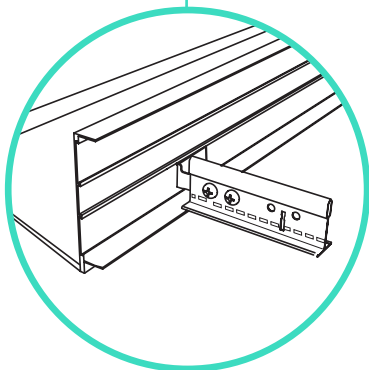


- 2 x Main runners
- 12 x XL² Cross tees
- 10 x Universal T-bar connector clips
- 8 x XL² Cross tee connector clips
- 6 x Clamps for C channel
- Set of screws
- 6 x Channel brackets
- 6 x T-bar hangers

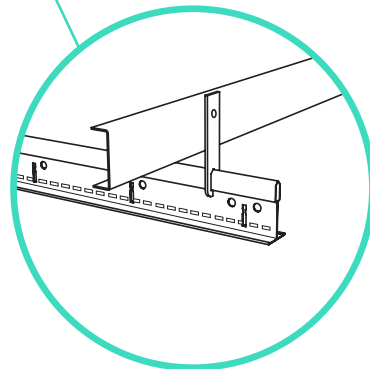


Main runner

Pre cut according to cloud size
Pre-punched holes at the end of alignment
with Universal T-bar connector clip

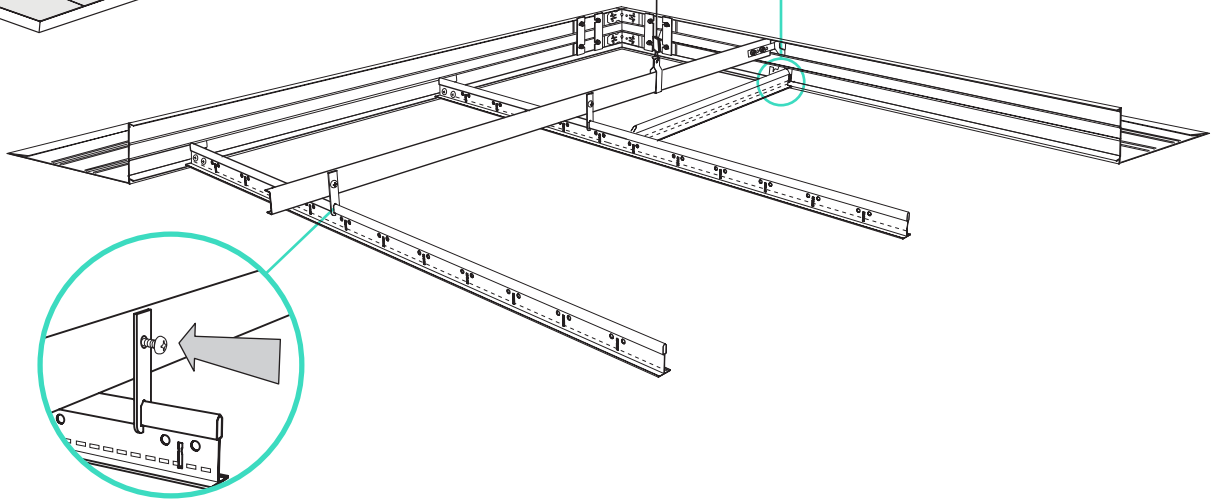
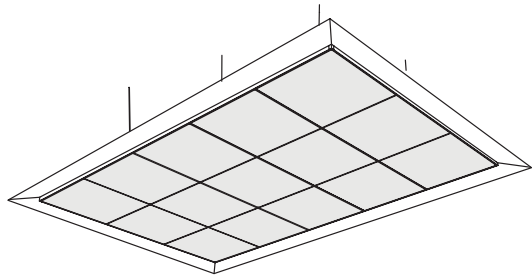


Universal T-bar connector
clip A 339 J



T-bar hanger
A WDN 21 H

05 The Grid – Cross Tees in the air

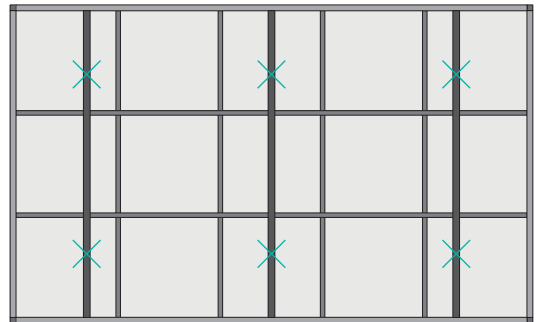


XL² 24 mm Cross Tee
connector clip A 347 G

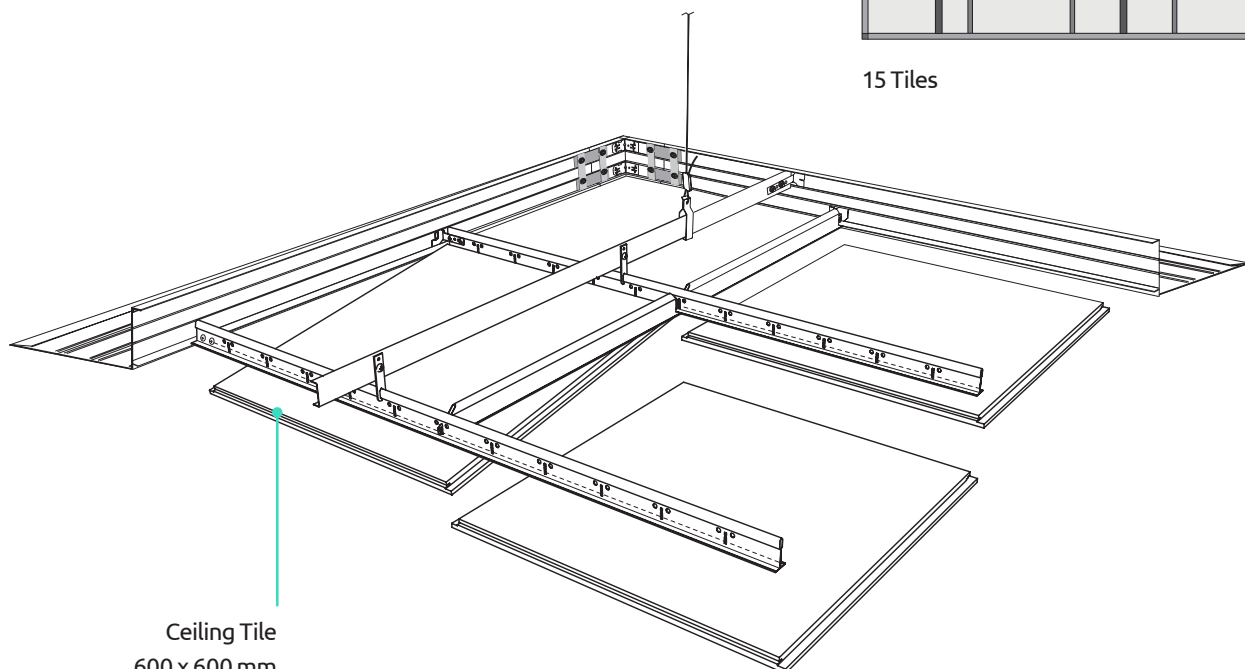
XL² 15 mm Cross Tee
connector clip A 346 G

06 The Tiles

The 1.8 x 3.0m module is used as an example only



15 Tiles



Ceiling Tile
600 x 600 mm

07 Physical Data

Material

- Extruded aluminium profiles
- Axiom KE is made from extruded aluminium, offers better registration, handling capability and finished appearance compared with standard cold-rolled steel

Surface finish

- Polyester powder coated
- Global white

Warranty

- For more information, please see our website

20 pre-packed, read-to-assemblke Axiom KE Canopy kits, in 10 standard modules, will be available either with 15mm or 24mm grid:

Module	Grid system 15 mm XL ² Item No.	Grid system 24 mm XL ² Item No.
1200 x 1200mm	CS AK 22 G15	CS AX 22 G24
1800 x 1200mm	CS AK 32 G15	CS AX 32 G24
1800 x 1800mm	CS AK 33 G15	CS AX 33 G24
2400 x 1200mm	CS AK 42 G15	CS AX 42 G24
2400 x 1800mm	CS AK 43 G15	CS AX 43 G24
2400 x 2400mm	CS AK 44 G15	CS AX 44 G24
3000 x 1200mm	CS AK 52 G15	CS AX 52 G24
3000 x 1800mm	CS AK 53 G15	CS AX 53 G24
3000 x 2400mm	CS AK 54 G15	CS AX 54 G24
3000 x 3000mm	CS AK 55 G15	CS AX 55 G24

Ceiling tiles are NOT included in the kit.

- Max. tile load: 10 kg/m²

For further information on customised size models please contact Zentia Technical Sales.

Advisory note:

All statements and technical information contained in this brochure, or any publication of the companies named in this brochure, relating to Zentia are based on results obtained under laboratory test conditions.

It is the responsibility of the user to verify with the seller of the products in writing that such statements and information are appropriate to the specific use intended.

Sales of the products and liability of the selling companies are in accordance with the terms and conditions of sale of the selling company.

All product specifications are subject to modifications without prior notice.

