Axiom Canopies

Installation Guides





Contents

Material

- Extruded aluminium profiles
- Axiom C 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

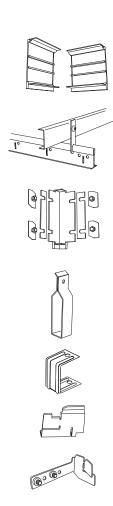
Axiom C Canopy

Installation Guide





Axiom C Canopy Components



Item No.	Description
55 14 11 G	Axiom C Canopy Profile
C 3000 H	C Channel 19 x 38mm
A WDN 21 H	T-bar hanger
A 345 G	Axiom Vector MicroLook Tegular Profile corner post
A 348 G	Channel Bracket for Canopy (Aircraft cable included in the kit)
CA 97 H	Clamp for C channel
A 347 G	24mm XL² connector clip
A 346 G	15mm XL² connector clip
A 339 J	Axiom Universal T-bar connector clip for cut tees with screws

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

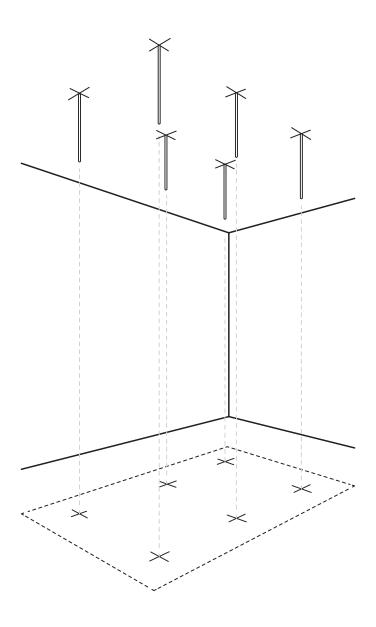
Initial Recommendations

- Axiom C Canopies should always be installed in accordance with all applicable building codes and regulations.
- Axiom C 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 C Canopies should be always installed on a horizontal plane.
- Axiom C Canopies are only suitable for indoor applications.
- Axiom C 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.

Suspension Points

Suspension points should be determinded before installing the canopy.

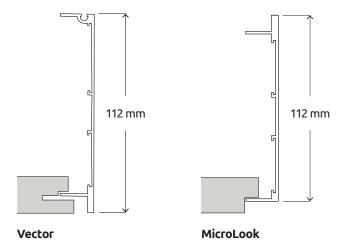
See the recommended suspension point matrix on the last page of this guide.

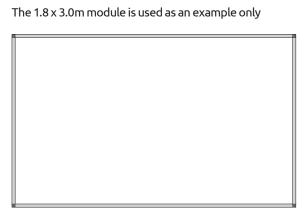


 $1.8 \times 3m$ module

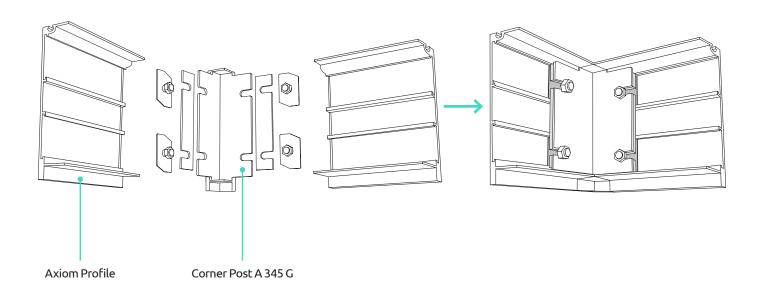
02 The Chassis on the floor

Axiom C Canopy 55 14 11 G



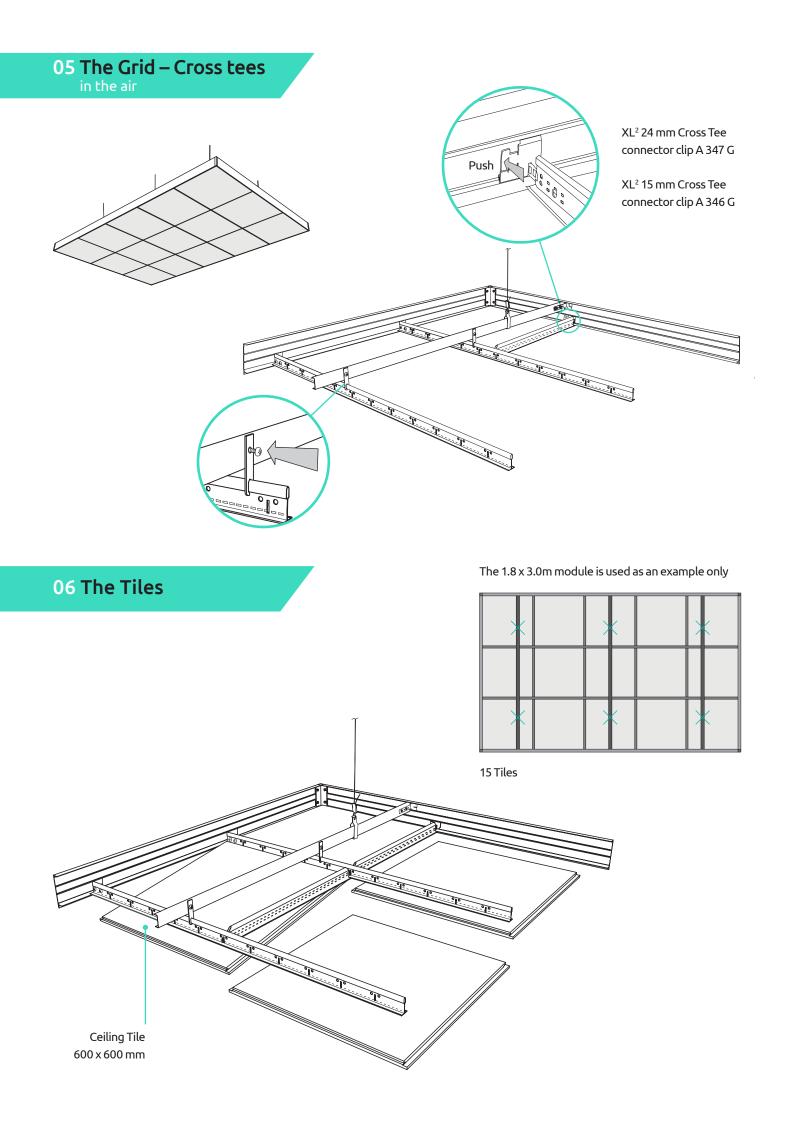


4 Axiom profiles / 4 corner posts



The $1.8 \times 3.0 \text{m}$ module is used as an example only Corner Post A 345 G Connector clip A 339 J Aircraft / 6mm threaded rod 3 C Channels / 6 Universal T-bar connector clips Primary C channel C 3000 H pre-punched holes at the ends for connector clip Suspension options Axiom Universal T-bar connector clip A 339 J Option 3 Option 2 Aircraft cable & Gripple Quick Option 1 hanger* 6mm Threaded rod*

The $1.8 \times 3.0 \text{m}$ 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 Push 6 x Clamps for C channel Set of screws 6x 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 T-bar hanger clip A 339 J A WDN 21 H



07 Physical Data

Material

- Extruded aluminium profiles
- Axiom C 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

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

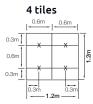
Advisory note:

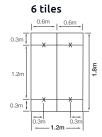
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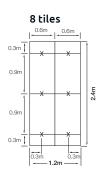
It is the responsibility of the user to verify with the seller of the products in writing that such statements and information are appropriate to the specific use intended.

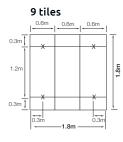
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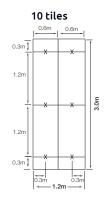
All product specifications are subject to modifications without prior notice.

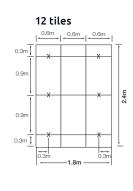


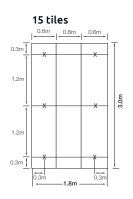


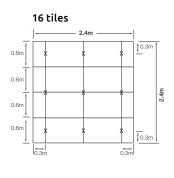


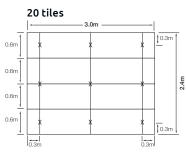


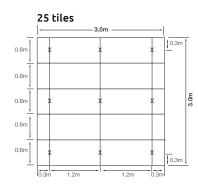












_____ Main Runner

_____ C Channel

X Fixing Point

Axiom C Canopy SL2 Planks Installation Guide



Axiom C Canopy SL2 Planks Components

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Item No.	Description
55 14 11 G	Axiom C Canopy Profile
C 3000 H	C Channel 19 x 38mm
CZ 41 494 J	Z-bar 30.5mm
CZ 41 794 J	Z-bar 30.5mm
A 345 G	Axiom Vector MicroLook Tegular Profile corner post
A 348 G	Channel Bracket for Canopy (Aircraft cable included in the kit)
CA 97 H	Clamp for C channel
A 339 J	Axiom Universal T-bar connector clip for cut tees with screws

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

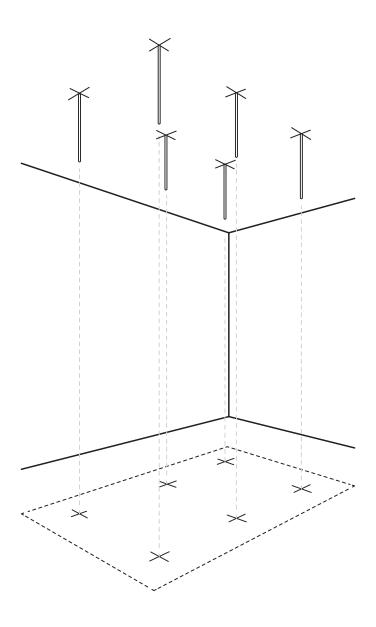
Initial Recommendations

- Axiom C Canopies should always be installed in accordance with all applicable building codes and regulations.
- Axiom C 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 C Canopies should be always installed on a horizontal plane.
- Axiom C Canopies are only suitable for indoor applications.
- Axiom C 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.

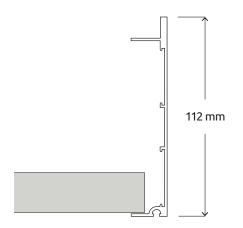
Suspension Points

Suspension points should be determinded before installing the canopy.

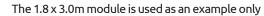
See the recommended suspension point matrix on the last page of this guide.

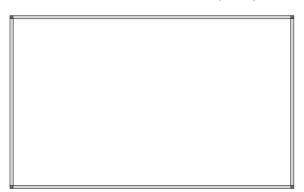


 $1.8 \times 3m$ module

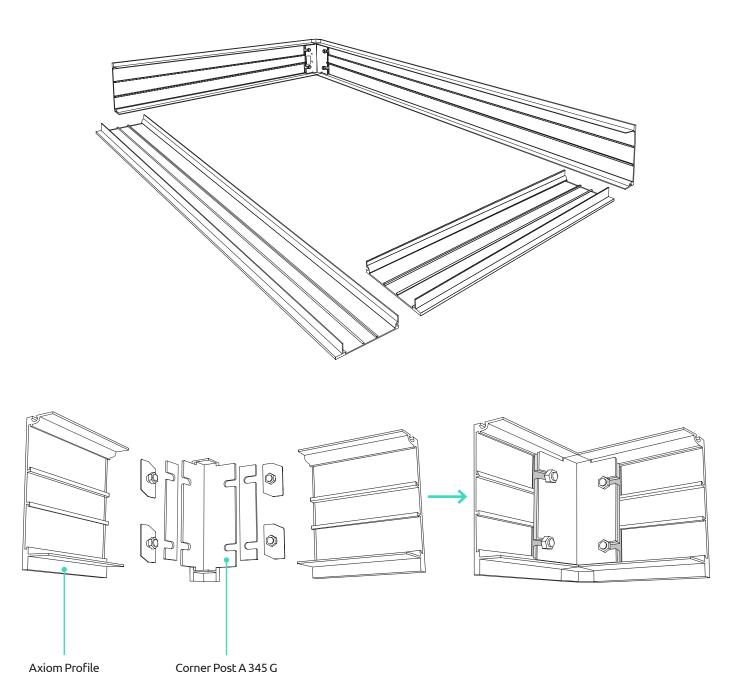


Axiom Profile Vector / Tegular 55 14 11 G

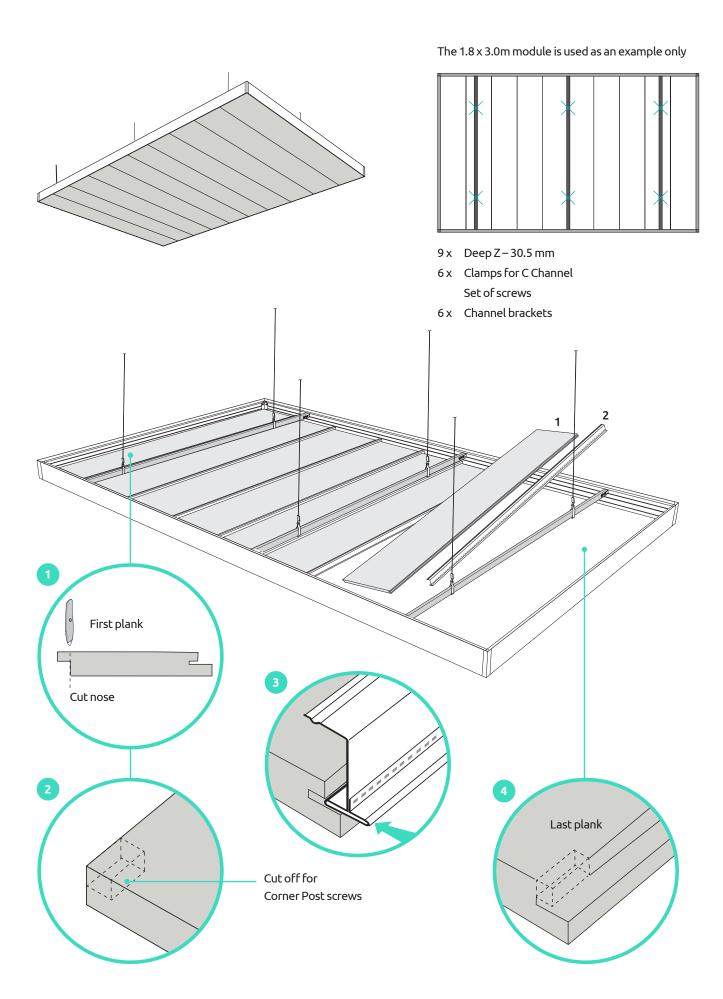




4 Axiom profiles / 4 corner posts



The 1.8 x 3.0m module is used as an example only Corner Post A 345 G Connector clip A 339 J Aircraft / 6mm threaded rod 3 C Channels / 6 Connector clips Primary C channel C 3000 H pre-punched holes at the ends for connector clip Suspension options Axiom Universal T-bar connector clip A 339 J Option 3 Option 2 Aircraft cable Quick & Gripple Option 1 hanger* 6mm Threaded rod* *not included in the kit



05 Physical Data

Material

- Extruded aluminium profiles
- Axiom C 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

6 pre-packed, ready-to-assemble Axiom C Canopy SL2 planks kit will be available.

Module	Item No.
1800 x 1500mm	AX 22 36G SL2
2400 x 1500mm	AX 22 46G SL2
3000 x 1500mm	AX 22 56G SL2
1800 x 1800mm	AX 22 33G SL2
2400 x 1800mm	AX 22 43G SL2
3000 x 1800mm	AX 22 53G SL2

Ceiling tiles SL2 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:

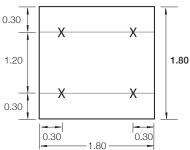
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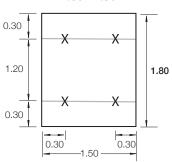
Sales of the products and liability of the selling companies are in accordance with the terms and conditions of sale of the selling company.

All product specifications are subject to modifications without prior notice.

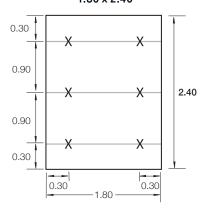




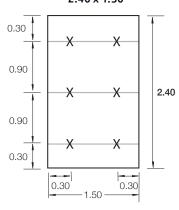
1.80 x 1.50



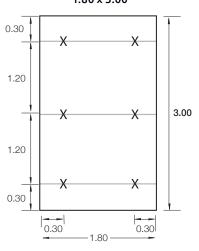
1.80 x 2.40



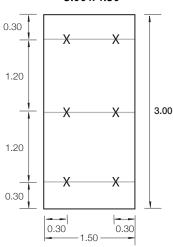
2.40 x 1.50



1.80 x 3.00



3.00 x 1.50



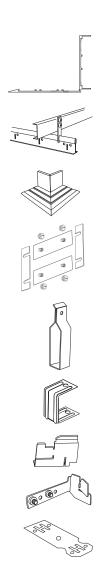
Axiom KE Canopy

Installation Guide





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 XL² connector clip	
A 346 G	15mm XL² 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).

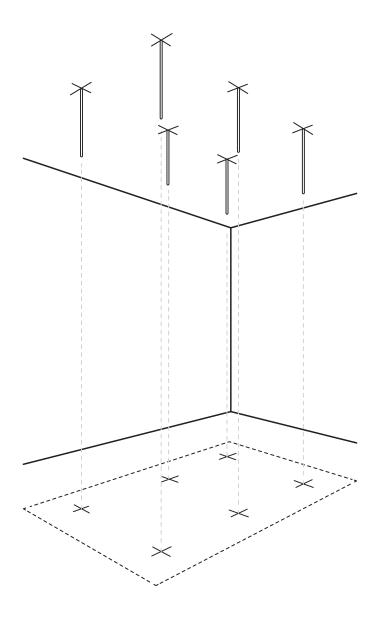
Initial Recommendations

- 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.

Suspension Points

Suspension points should be determinded before installing the canopy.

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



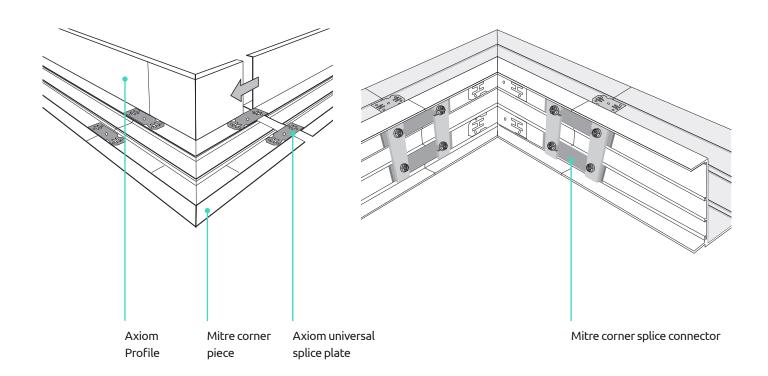
Axiom KE Canopy profile CS 574206 G

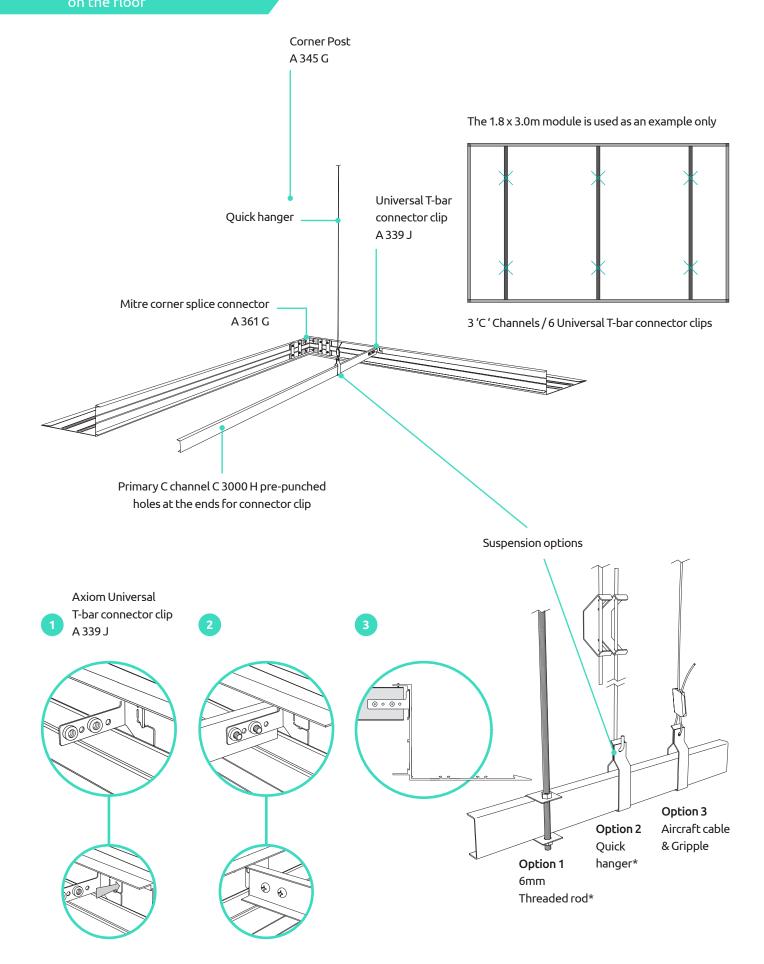
106 mm Vector MicroLook

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

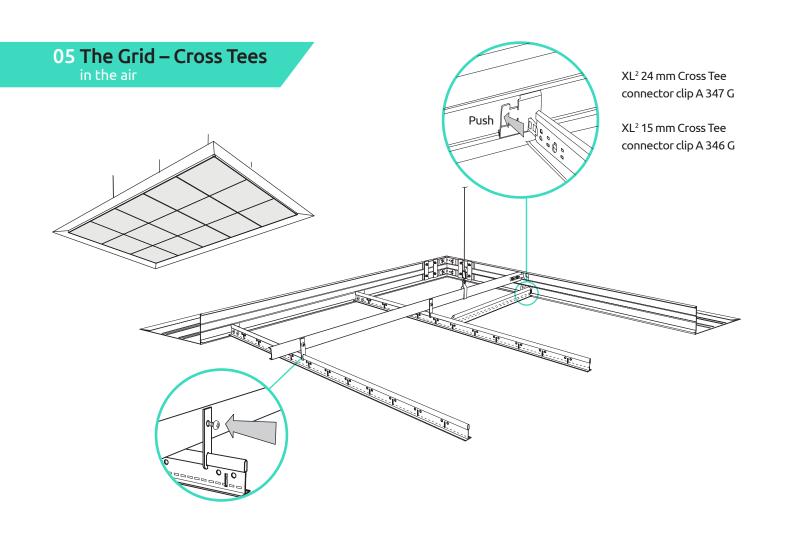


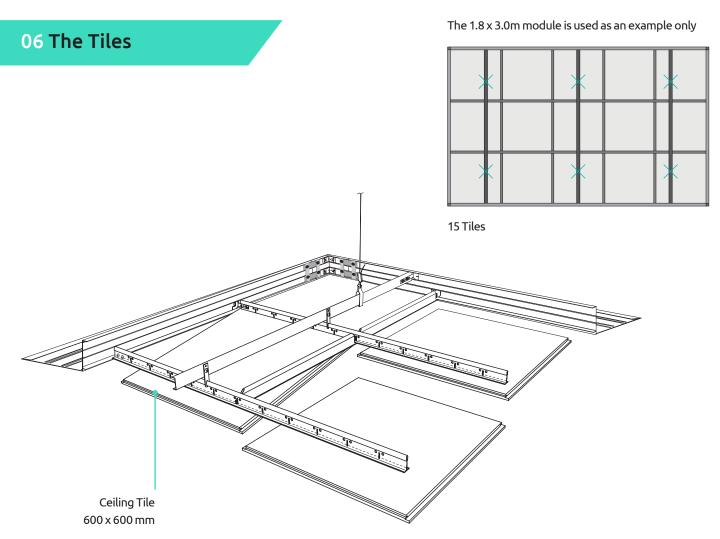
- 4x Axiom profiles
- 4x Mitre corner pieces
- 16 x Axiom universal splice plates
- 8 x Mitre corner splice connectors





The $1.8 \times 3.0 \text{m}$ 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 Push 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 T-bar hanger clip A 339 J A WDN 21 H





Axiom Circle & Curved Canopies

for Tegular 8mm & MicroLook 8mm reveal edge tiles

Installation Guide





Axiom Cirlce & Curved Canopies components*



Item No.	Description
62 42 06 G	Axiom Circle and Curved Profile
C 3000 H	Primary C-Channel
30 40 33 A	Prelude Peakform Main Runner T15 or
31 40 32 A	Prelude Peakform Main Runner T24
30 20 33 B	Prelude Cross Tee 600mm T15 or
31 20 21 A	Prelude Cross Tee 600mm T24
AWDN 21 H	T-bar hanger
A 361 G	Splice connector
A 339 H	T-bar connector clip (threaded) + M4 bolts (cross head)
A 156 G	Perimeter fill-in for 15mm grid
A 157	Perimeter fill-in for 15mm grid
A 246 G	Perimeter fill-in for 24mm grid
A 247	Perimeter fill-in for 24mm grid
A 348 G	Channel bracket (Aircraft cable included in the kit)
CA 97 H	Clamp for C-Channel

Axiom Circle and Curved Canopy is a modular suspension system supplied kit with ready-to-assemble components (partly listed above). *For further detailed information regarding any of these items please refer to the parts lists included in the carton. All the profiles on the kits are cut and pre-drilled following the dimensions of the Canopy.

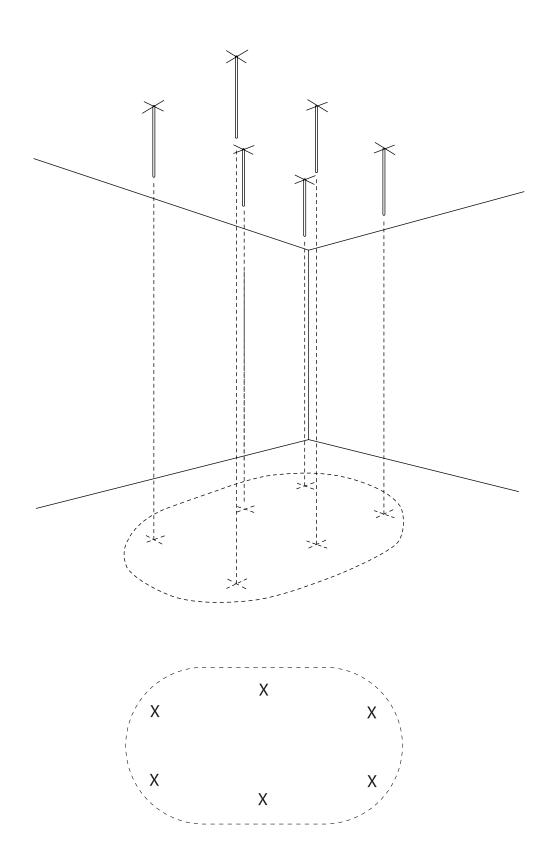
Initial Recommendations

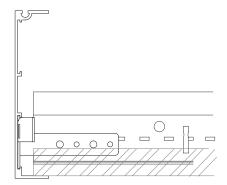
- Axiom Circle & Curved Canopies should always be installed in accordance with all applicable building codes and regulations.
- Axiom Circle & Curved Canopies, as any other architectural feature located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler distribution pattern 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 Circle & Curved Canopies should be always installed on a horizontal plane.
- Axiom Circle & Curved Canopies are only suitable for indoor applications.
- Axiom Circle & Curved 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.

Suspension Points

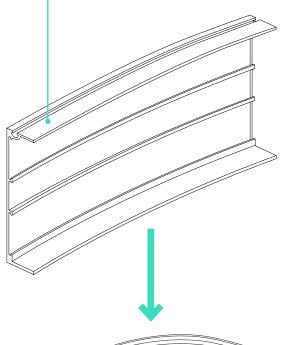
Suspension points should be determinded before installing the canopy.

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

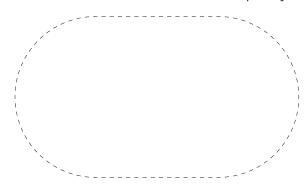




Choose the position of the perimeter section (Groove facing up or downwards)

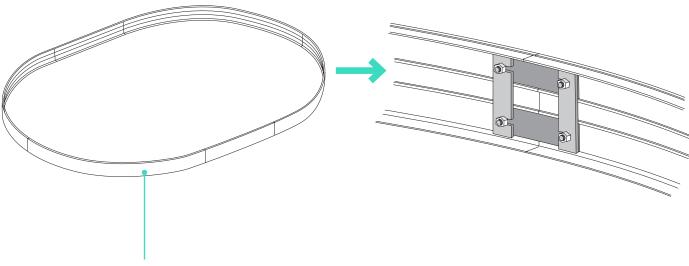


The 1.8 x 2.4m module is used as an example only



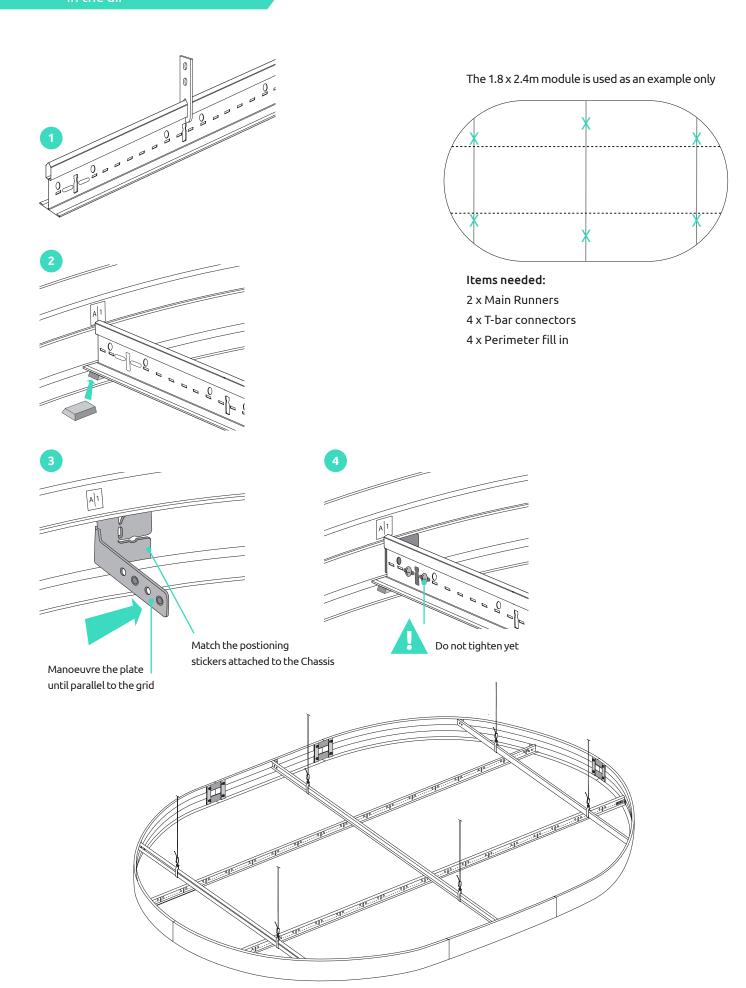
Items needed:

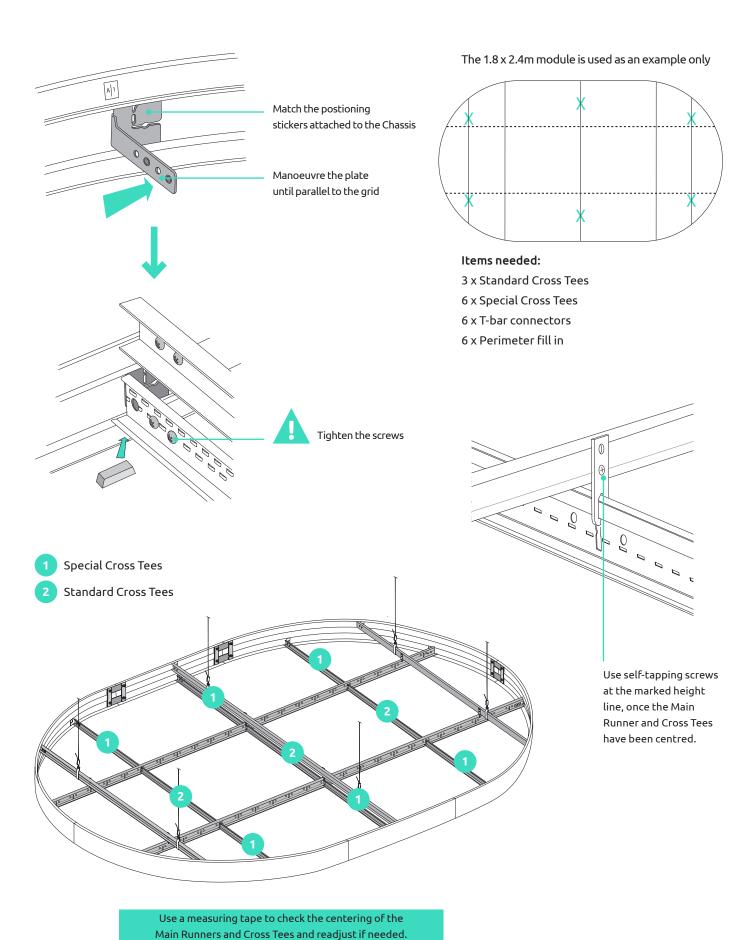
- 2 x Axiom straight profiles
- 4 x Axiom curved profiles
- 6 x Splice connectors



Match the codes (1-1, 2-2, etc) of the perimeter ends

The 1.8 x 2.4m module is used as an example only Items needed: 3 x C-Channels 6 x T-bar connectors 6 x Hangers Option 3 Aircraft cable Option 2 Quick hanger* Option 1 6mm Threaded rod* *not included in the kit Self tapping screw to secure C-Channel position IMPORTANT NOTE: When there is not enough room for the Match the positioning stickers Check postioning arrow attached to the Chassis on the C-Channel screwdriver please install the T-bar connectors upside down.



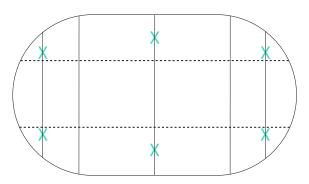


For Tegular 8mm & MicroLook 8mm edge reveal tiles

All perimeter tiles are cut on site (Board edge; see drawing page 3) and resting with the face on the Axiom Profile.

- 1. Cut down the perimeter tiles using the templates provided (see layout below) and install them accordingly.
- 2. Install the full size / centre tiles/s.

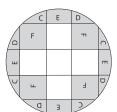
The 1.8 x 2.4m module is used as an example only



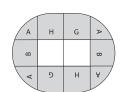
Tile Layout



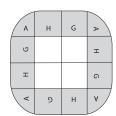
1.8m Canopy CS ACI 33 G15 CS ACI 33 G24



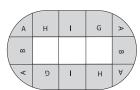
2.4m Canopy CS ACI 44 G15 CS ACI 44 G24



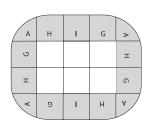
1.8m x 2.4m Canopy CS ACU 43 G15 CS ACU 43 G24



2.4m x 2.4m Canopy CS ACU 44 G15 CS ACU 44 G24



1.8m x 3m Canopy CS ACU 53 G15 CS ACU 53 G24

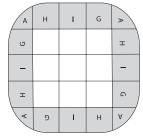


2.4m x 3m Canopy CS ACU 54 G15 CS ACU 54 G24

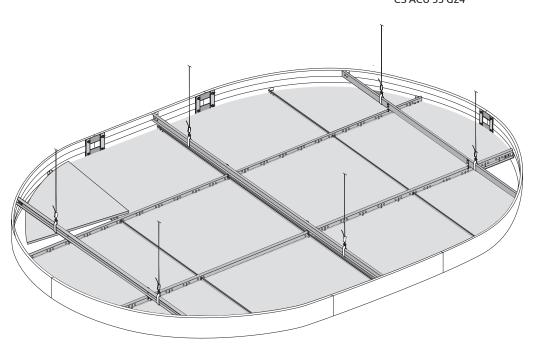
Items needed:

12 x Standard tiles (NOT INCLUDED)

1 x Set of templates



3m x 3m Canopy CS ACU 55 G15 CS ACU 55 G24



07 Physical Data

Material

- Frame: Extruded aluminium profiles
- Grid & Accessories: Hot dipped galvanised steel

Surface finish

- Frame: Polyester powder coatedGrid capping: Baked polyester paint
- Colour: Global white

Warranty

For more information, please see our website

14 pre-packed, ready-to-assemble Axiom Circle & Curved canopy kits, in 7 standard modules, will be available either in 15mm or 24mm grid.

Module	Grid system 15 mm XL ² Item No.	Grid system 24 mm XL ² Item No.
Circle 1800	CS ACI 33 G15	CS ACI 33 G24
Circle 2400	CS ACI 44 G15	CS ACI 44 G24
Curved 2.4 x 1.8m	CS ACU 43 G15	CS ACU 43 G24
Curved 2.4 x 2.4m	CS ACU 44 G15	CS ACU 44 G24
Curved 3 x 1.8m	CS ACU 53 G15	CS ACU 53 G24
Curved 3 x 2.4m	CS ACU 54 G15	CS ACU 54 G24
Curved 3 x 3m	CS ACU 55 G15	CS ACU 55 G24

Axiom Circle & Curved canopy kits are only available in specific markets, please contact Zentia Technical Sales. Ceiling tiles **ARE NOT** included in the kit.

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.

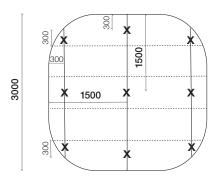
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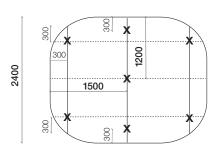
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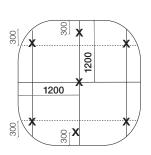
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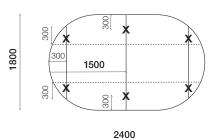


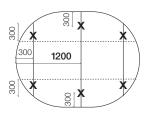


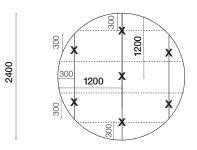
3000

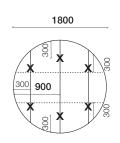


2400









Main Runner
C Channel
X Fixing Point

Axiom L Canopy

Installation Guide





Axiom L Canopy Components

	Item No.	Description
7 7	CS 534205	Axiom L profile (78.5mm height)
	404093 G	Prelude Sixty² main runner
	312021 A	Prelude 24 XL ² cross tee
	A 390	Mitre corner connector
Ho Sept	A 340 J	Axiom universal corner clip
6.6.	A 339 J	Axiom Universal T-bar connector clip
	A 347 H	Axiom 24mm XL ² connector clip

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

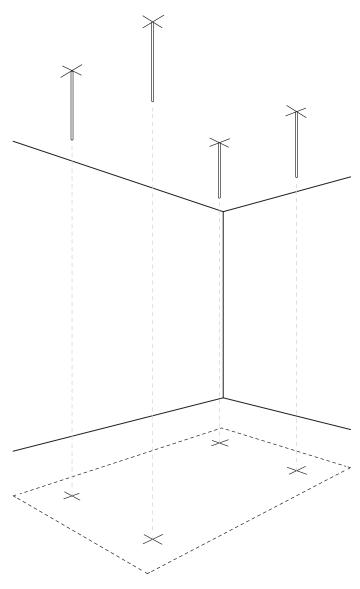
Initial Recommendations

- Axiom L Canopies should always be installed in accordance with all applicable building codes and regulations.
- Axiom L 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 L Canopies should be always installed on a horizontal plane.
- Axiom L Canopies are only suitable for indoor applications.
- Axiom L 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.

Suspension Points

Suspension points should be determinded before installing the canopy.

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

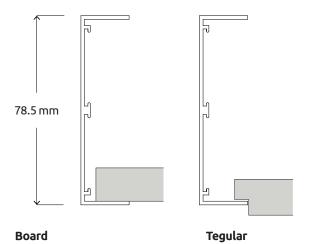


1.8 x 2.4m module



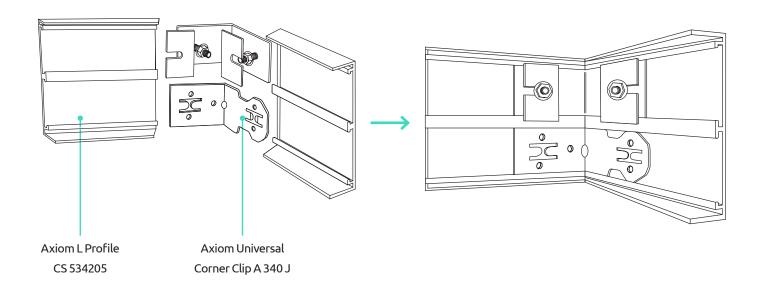
02 The Frame on the floor

Axiom L Profile



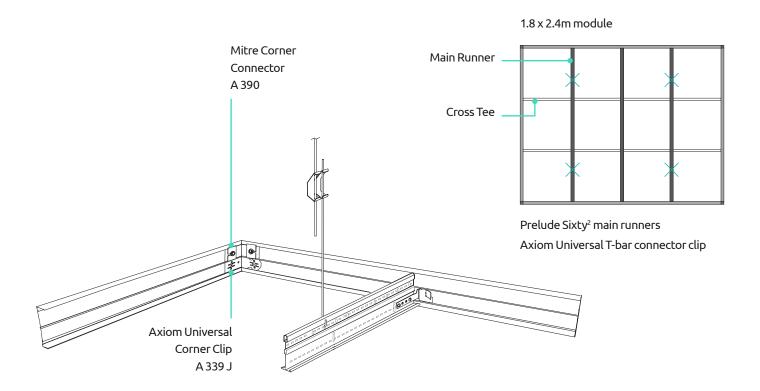
The 1.8 x 2.4m module

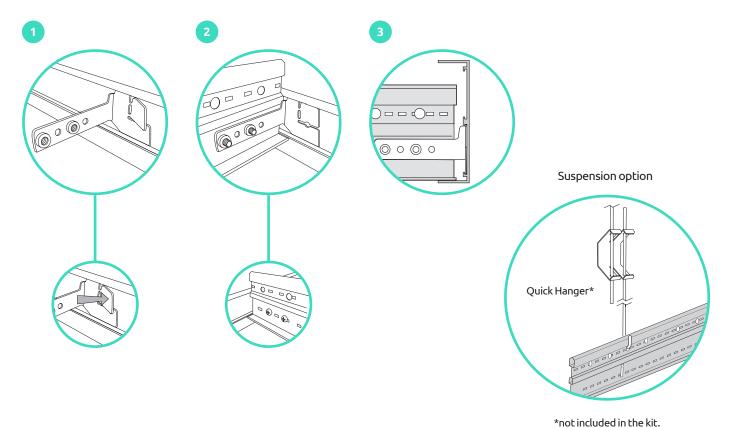
- 4x Axiom L profiles
- 4x Mitre corner connector A 390
- 4x Axiom universal corner clip A 339 J



03 The Grid – Main Runner on the floor

Prelude Sixty² Main Runner

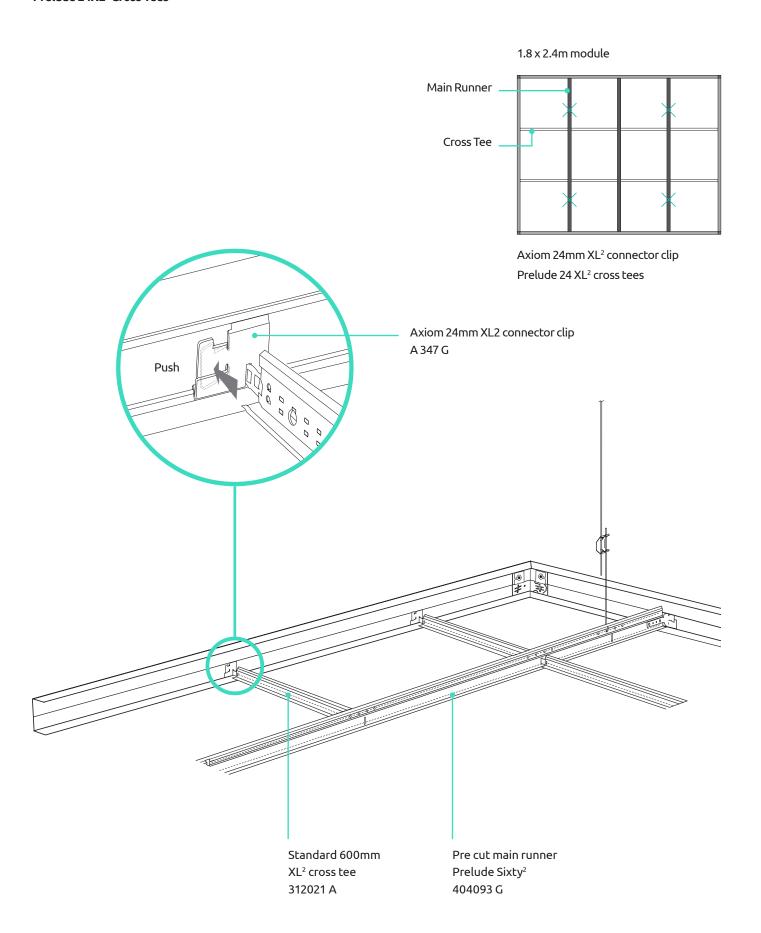


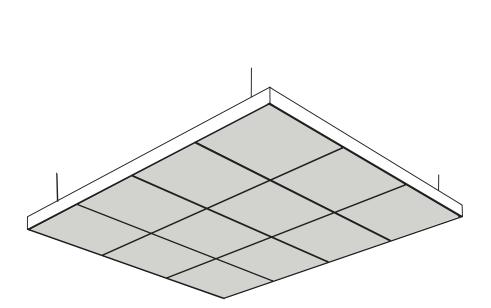


Please contact your local Zentia office.

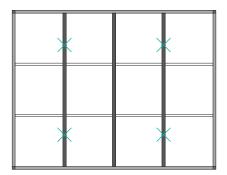
04 The Grid – Cross Tees in the air

Prelude 24XL² Cross Tees

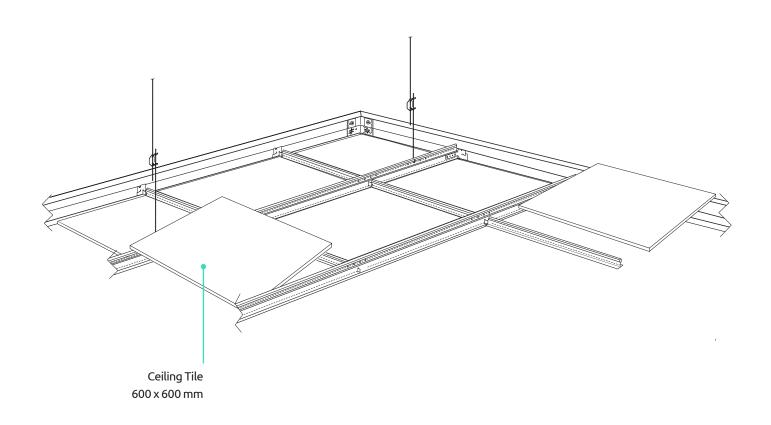




1.8 x 2.4m module



12 Tiles



06 Physical Data

Material

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

Surface finish

- Polvester powder coated
- Global white

Warranty

For more information, please see our website

5 pre-packed, ready-to-assemble Axiom L Canopy kits, in standard modules (metric only).

Module	Grid system 24 mm XL ² Item No.
2400 x 2400mm	CS AL 44 G24
2400 x 1800mm	CS AL 43 G24
2400 x 1200mm	CS AL 42 G24
1800 x 1800mm	CS AL 33 G24
1800 x 1200mm	CS AL 32 G24

Kits are only available in specific markets due to contraints of logistic and associated costs. Ceiling tiles are NOT included in the kit.

Max. tile load: 5 kg/m²

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

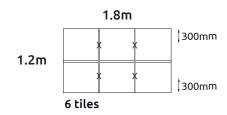
Advisory note:

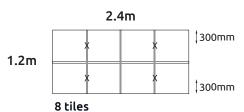
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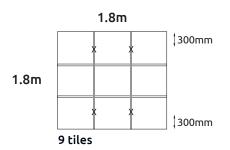
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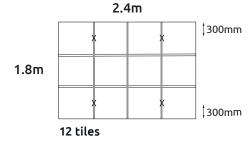
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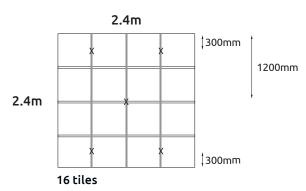
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_____ Main Runner
_____ C Channel
X Fixing Point

