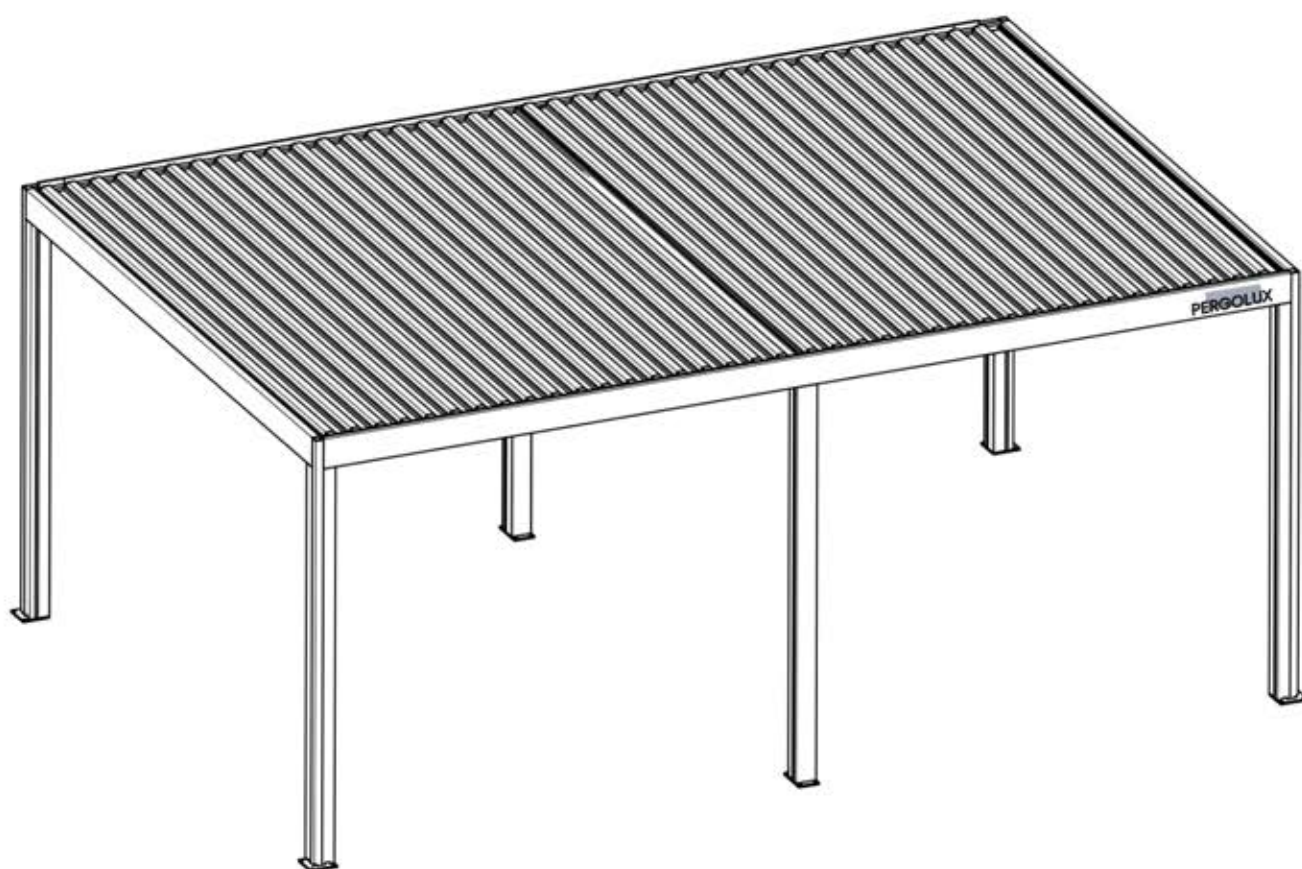


S4

PERGOLA

PRO



3 × 6 m
FREESTANDING

PERGOLUX



INFORMATION



INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

26

DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO S4

External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



Do not use a regular hammer, as it may cause damage.



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates

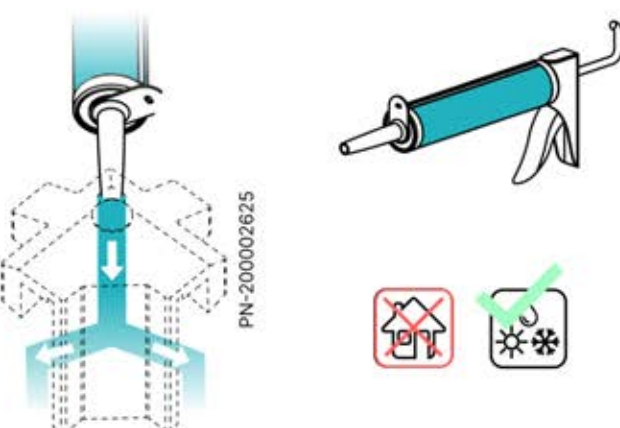


Motor



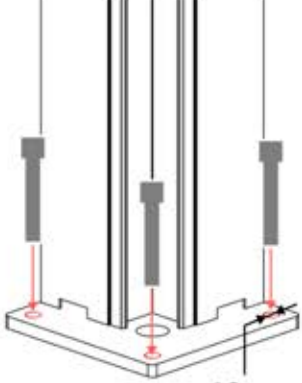

Turn around

INFORMATION




PN-200002625

Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.




ø12mm

Use on concrete



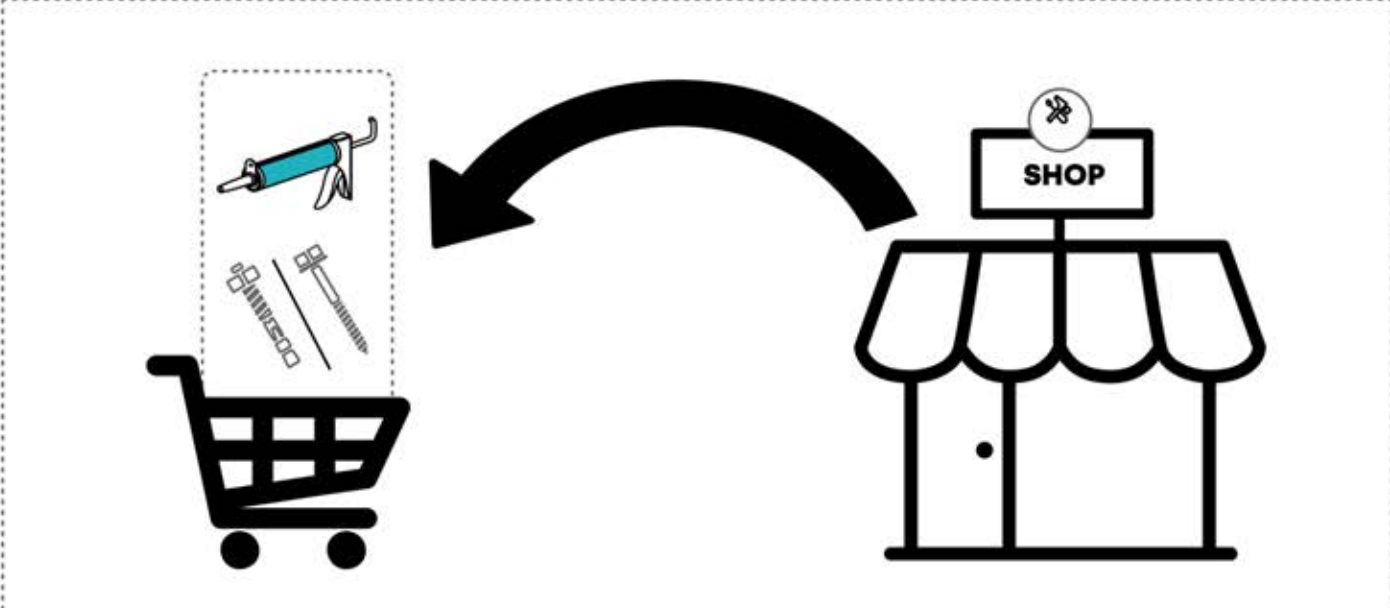
x20

Use on wood



x20

You need to buy your needed screws to attach the pergola to the ground

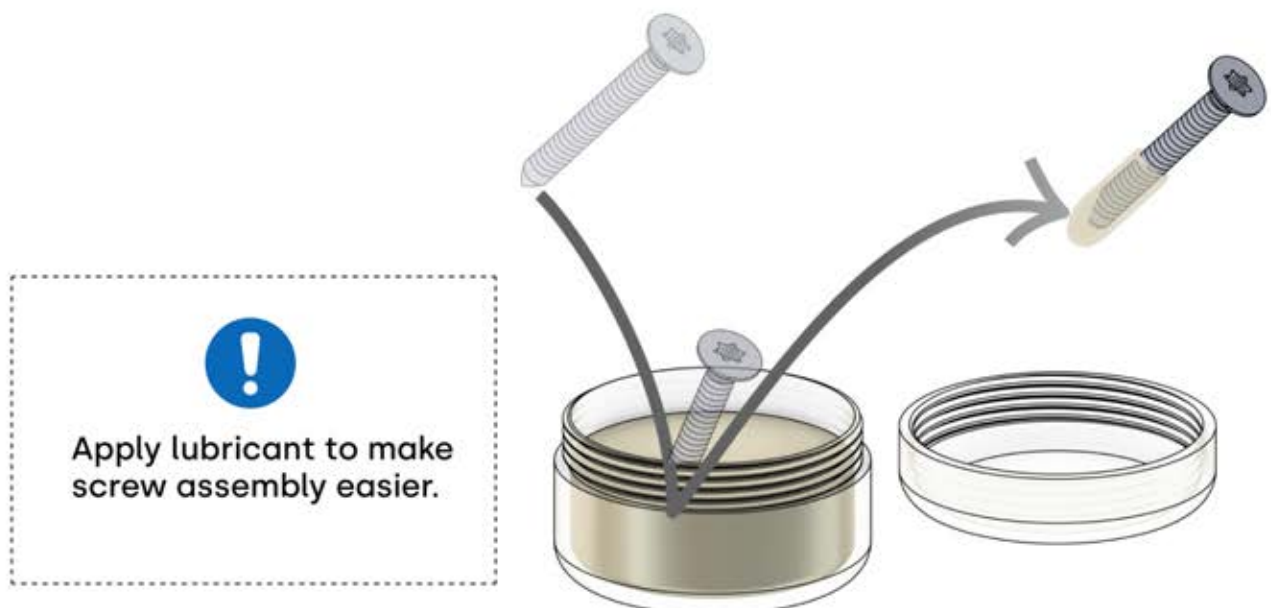


SHOP

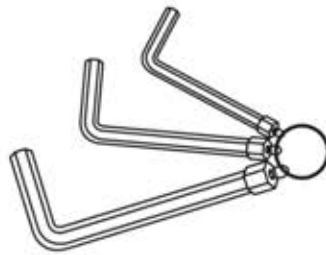
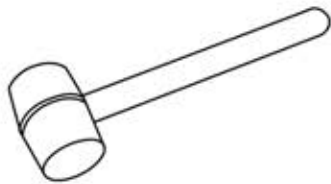
INFORMATION

All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

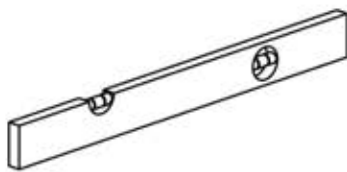
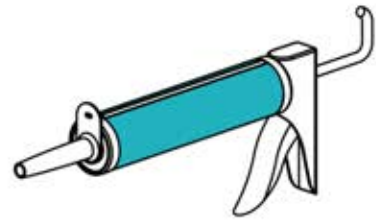
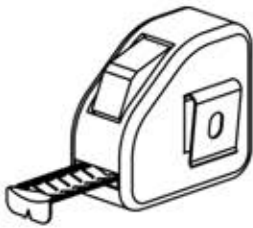
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
- **USE LUBRICATION:** Apply lubricant to make screw assembly easier.



INFORMATION



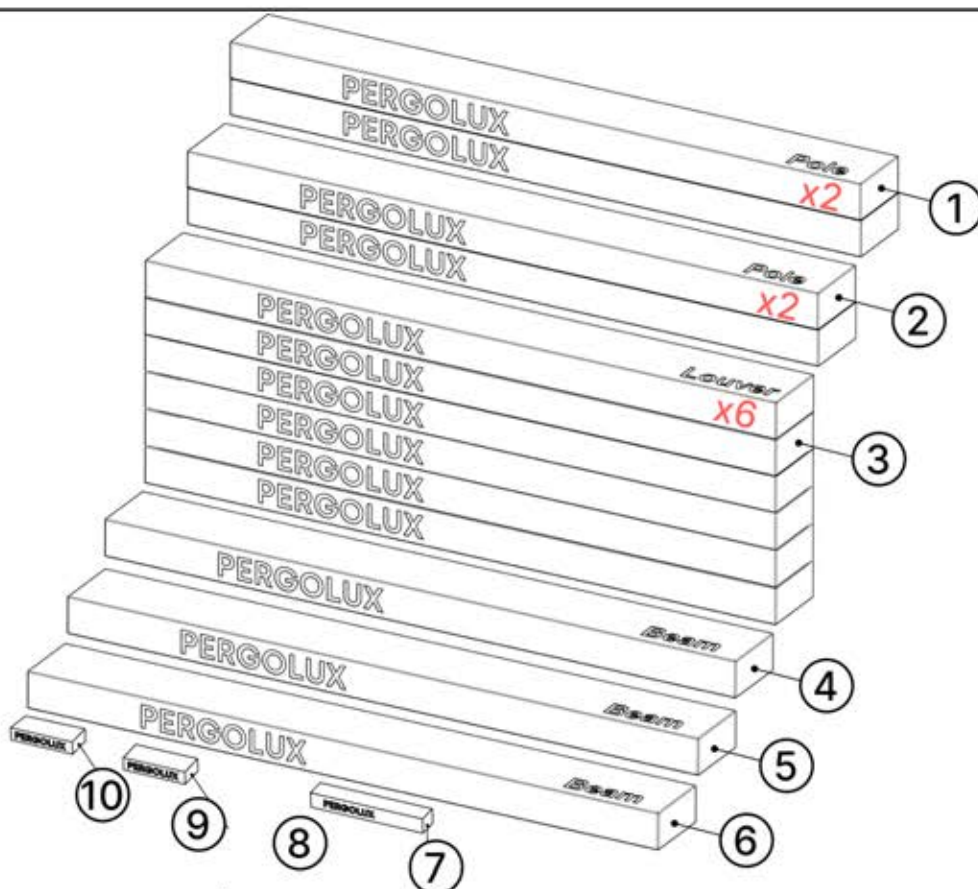
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30




PACKAGE OVERVIEW




ORDER	ANTHRACITE	WHITE	BLACK
①	C120	L219	L217
②	C123	C125	C124
③	L215	L220	L218
④	B235	B260	B258
⑤	B256	B272	B270
⑥	B268	B273	B271
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTROL BOX		
⑩	POWER CABLE		

ITEMS IN BOX


	ANTHRACITE	WHITE	BLACK
		C120	C122

		<p>PN-200002606 4x</p>
		<p>PN-200003386 4x</p>
		<p>PN-200002614 4x</p>


ITEMS IN BOX




	ANTHRACITE	WHITE	BLACK
	C123	C125	C124



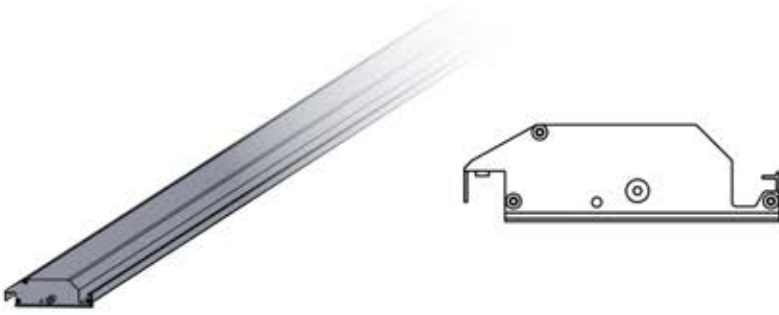
PN-200002782
2x



PN-200002785
2x





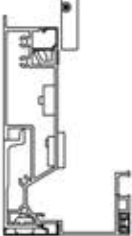








	ANTHRACITE	WHITE	BLACK
	L215	L219	L217

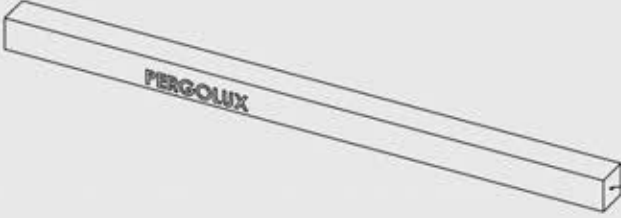








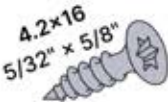




PN-200002629
36x

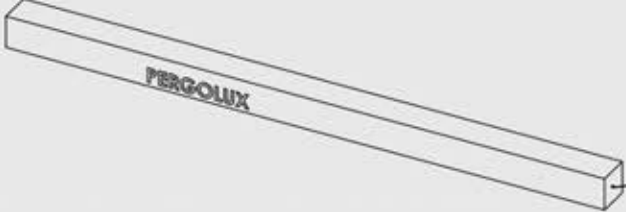

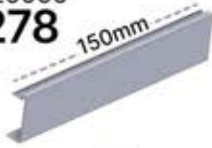



















ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
			
4	B235	B243	B239
			
			
			PN-200003355 1x
			
			
			PN-200002862 1x
			
			
			PN-200002867 1x
			
			
			PN-200002863 1x
			
			
			PN-200002866 1x

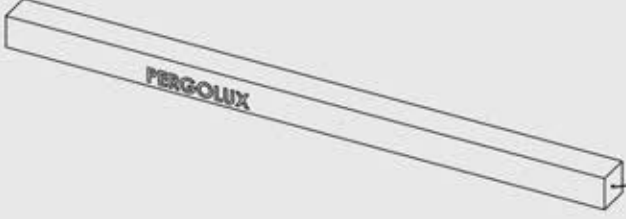
ITEMS IN BOX










	ANTHRACITE	WHITE	BLACK
	B235	B243	B239
4			
			PN-200002865 1x
			PN-200003380 1x
	PN-200000560 28x		PN-200000826 2x
	PN-200000732 2x		PN-200000731 2x
	PN-200000415 8x		PN-200000668 4x
	PN-200001514 4x		PN-200000840 12x
	PN-200000568 32x		PN-200003385 2x

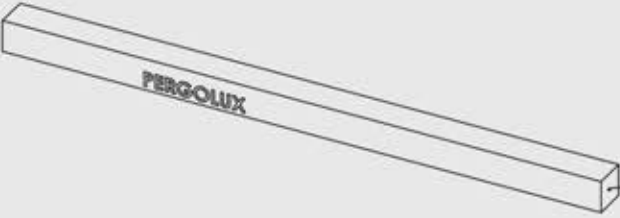
ITEMS IN BOX


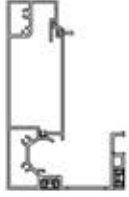




		ANTHRACITE	WHITE	BLACK
		4		
		B235	B243	B239
 PN-20000 3278  150mm 	PN-200003033 2x PN-200003030 1x	  4.2x12	PN-200003031 1x PN-200001207 2x	
 PN-20000 3285   5x12 3/16" x 1/2"  5.5x50 7/32" x 2"	PN-200000507 4x PN-200000569 8x PN-200000568 4x	 PN-20000 3276   3.5x8 6 x 5/16"	PN-200002618 4x PN-200000571 4x	
 PN-20000 3277 	PN-200002617 4x	 PN-20000 3379  4.2x40 5/32" x 1-9/16"	PN-200000960 4x	
 PN-20000 3284 	PN-200002617 4x	PN-200002625 4x		
 PN-20000 3281 	PN-200002622 4x	 4.2x20	PN-200000680 8x	

ITEMS IN BOX

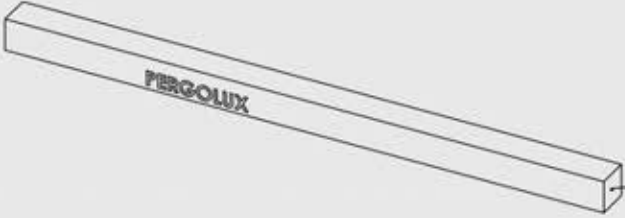



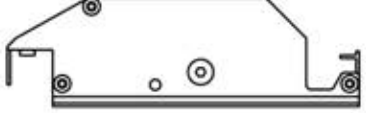


		ANTHRACITE	WHITE	BLACK
	4	B235	B243	B239

	PN-20000 3371		PN-200003372 1x		PN-200003373 1x
			PN-200001946 1x		PN-200000561 1x
			PN-200000502 1x		
	PN-20000 3603		PN-200000826 6x		PN-200003209 1x

		ANTHRACITE	WHITE	BLACK
	5	B256	B260	B258

		PN-200003290 2x
		Premounted PN-200003554 2x
		PN-200003397 2x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	6	B268	B272
		PN-200003411 1x	
		PN-200002629 1x	
		PN-200002645 1x	

ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200001623
1x



PN-200001624
1x



PN-200001625
2x



8

WHITE / RGB LED



LED light strip
4x



Y cable
1x

ITEMS IN BOX

S4



9

CONTROL BOX



Control box

1x



PN-200002756

1x



Matter antenna clip

1x



PN-200002754

1x



PN-200002684

10x



PN-200002758

1x



PN-200002683

5x



PN-200002753

2x



QR-code

1x



PN-200002759

2x



3M tape

1x



PN-200002757

1x

ITEMS IN BOX



10

POWER CABLE



Power cable

1x



All electric parts should be tested before installation.

LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

Matter + Smart home can be connected at anytime by simply scanning the QR code provided

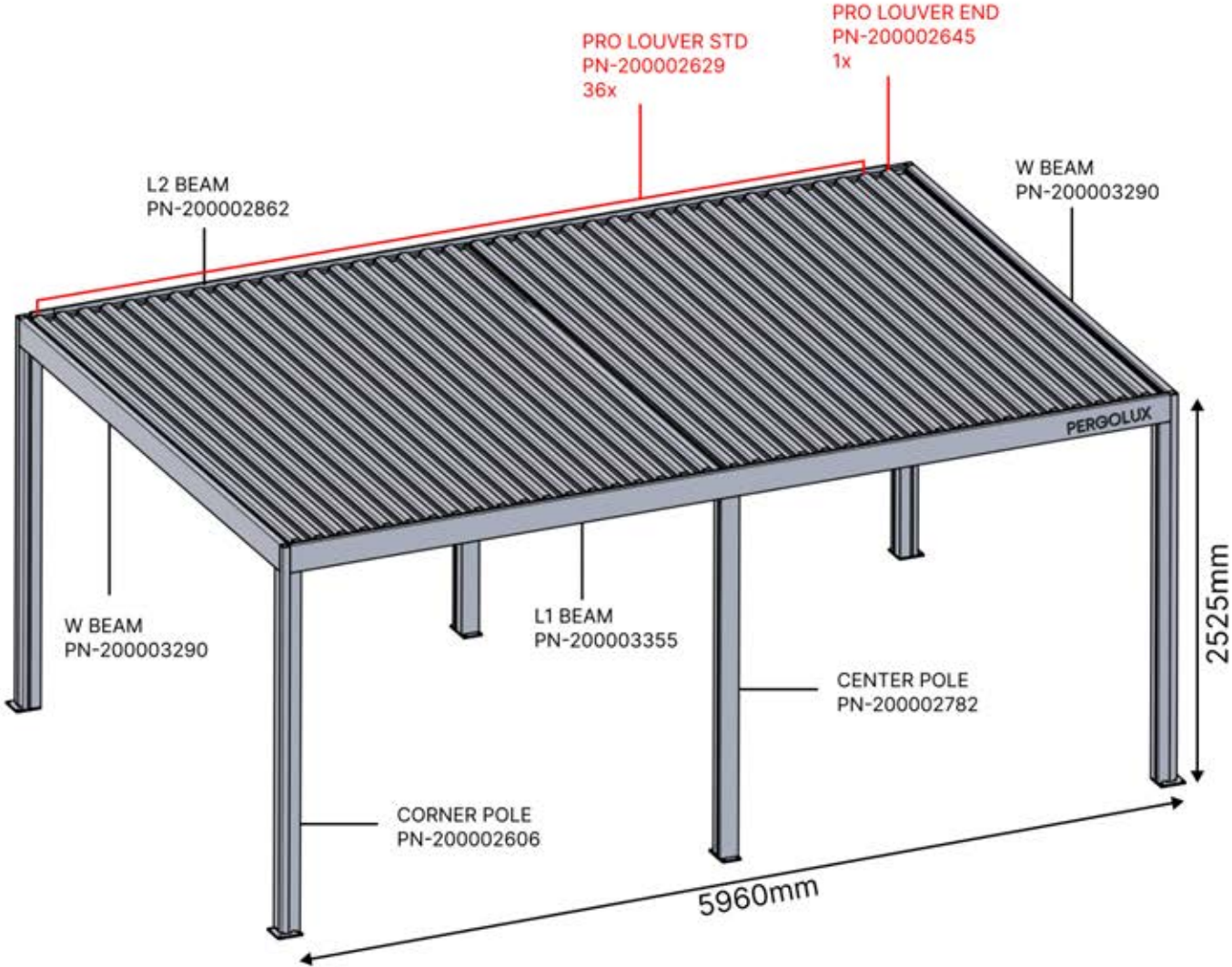


CONTROL BOX

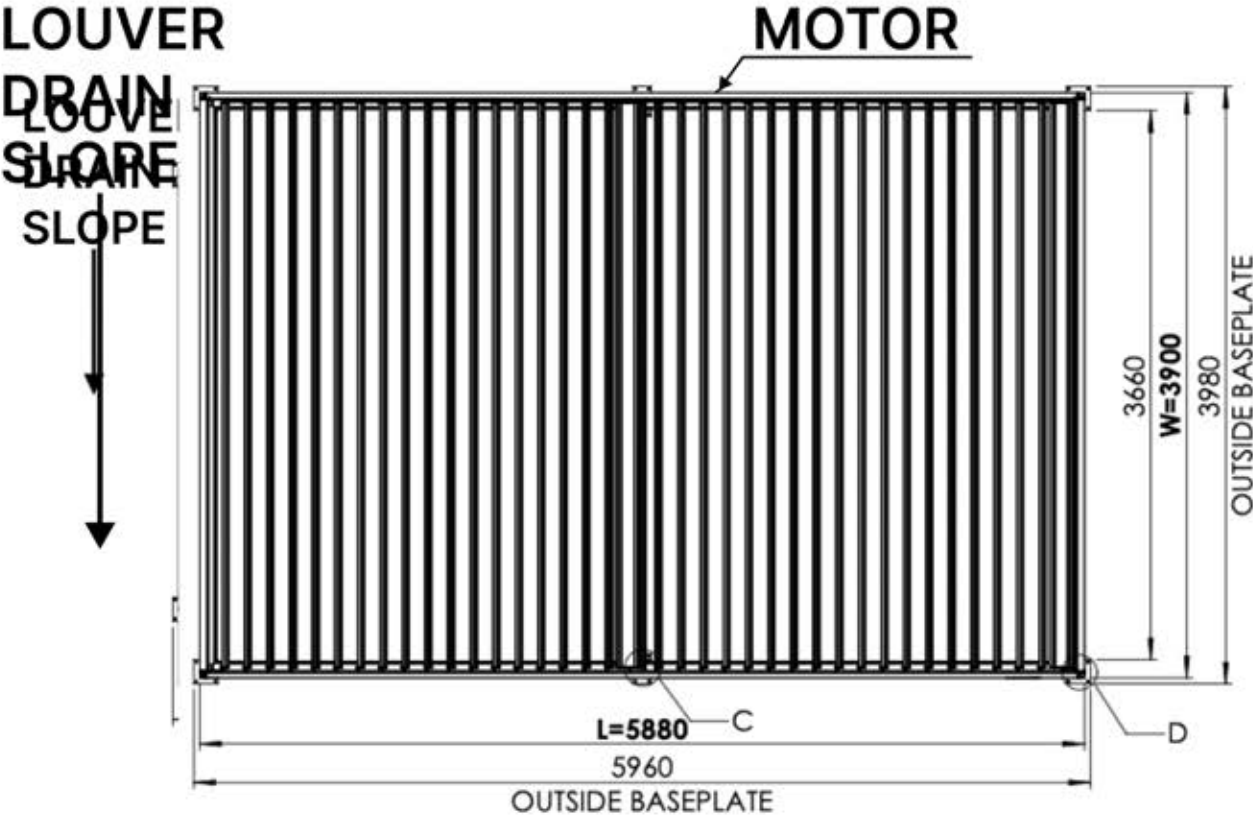
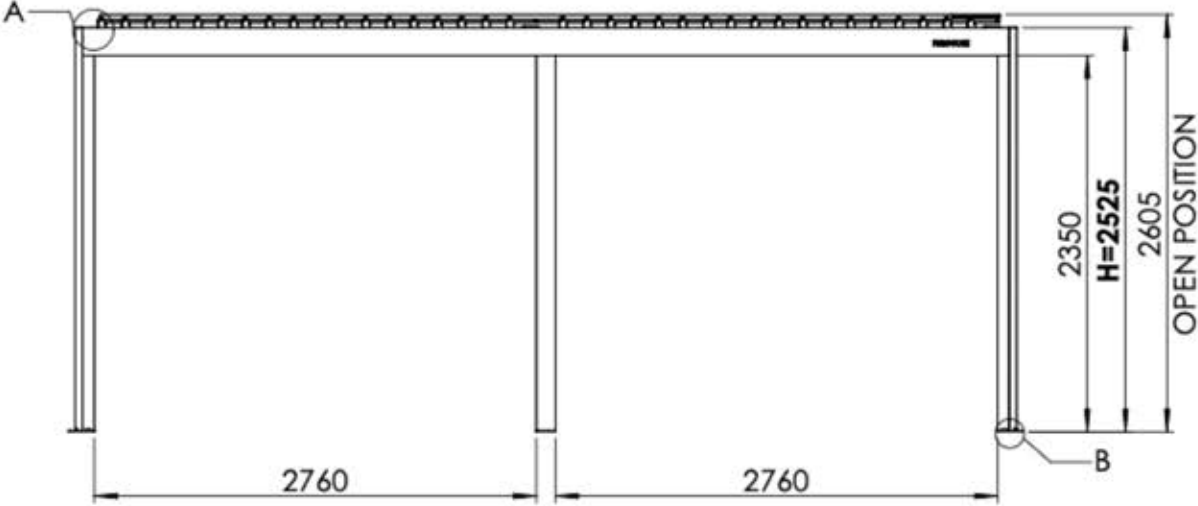
[View Manual](#)

PERGOLUX | PERGOLA PRO FREESTANDING S4

3 x 6 M



3 x 6 M



INFORMATION

Are you installing a screen, slat wall or glass wall?

It is recommended to remove these Snapfit covers and clips now before installing the pergola.

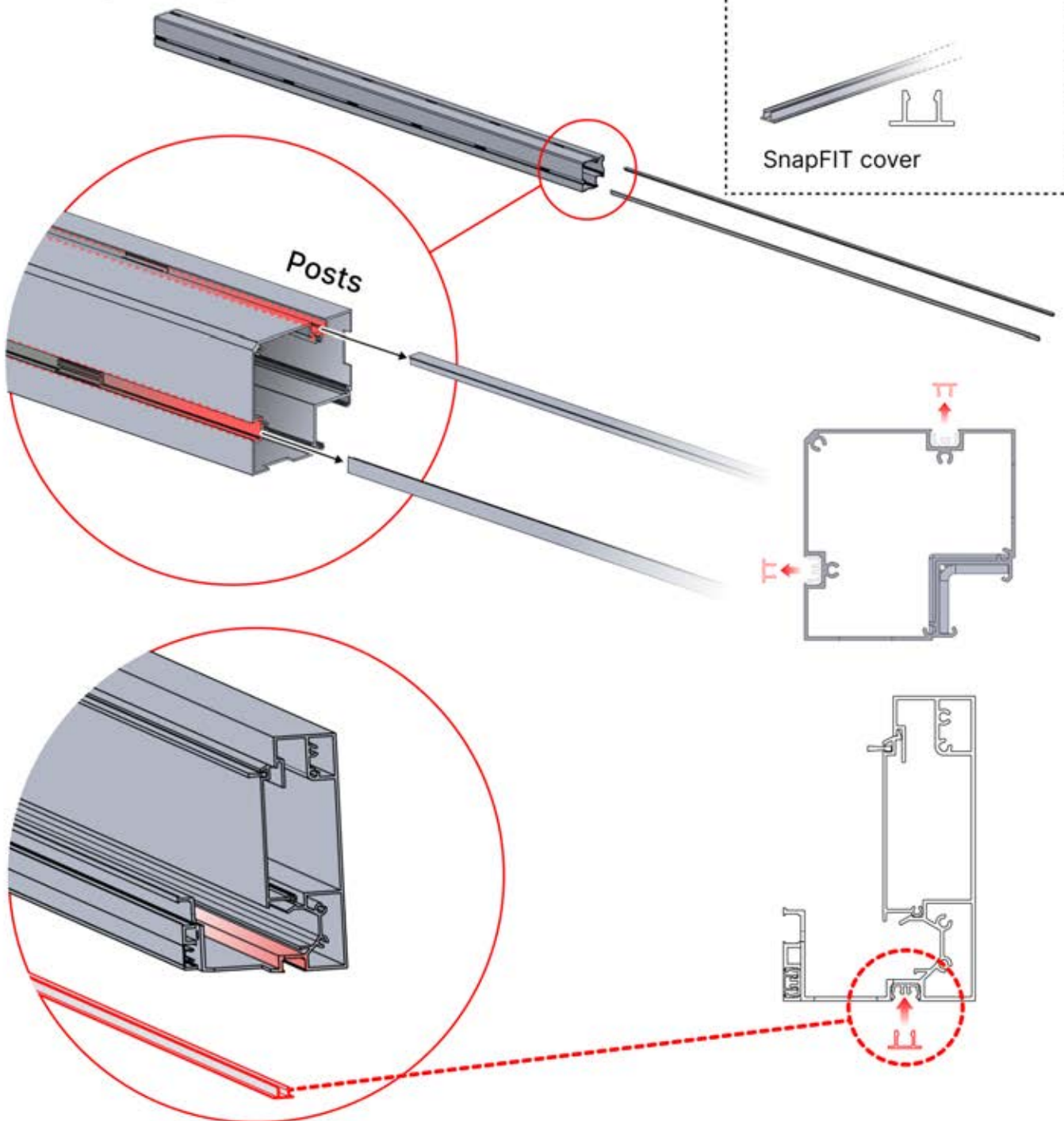
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

It is recommended to remove both snap-fit covers from the beam now.

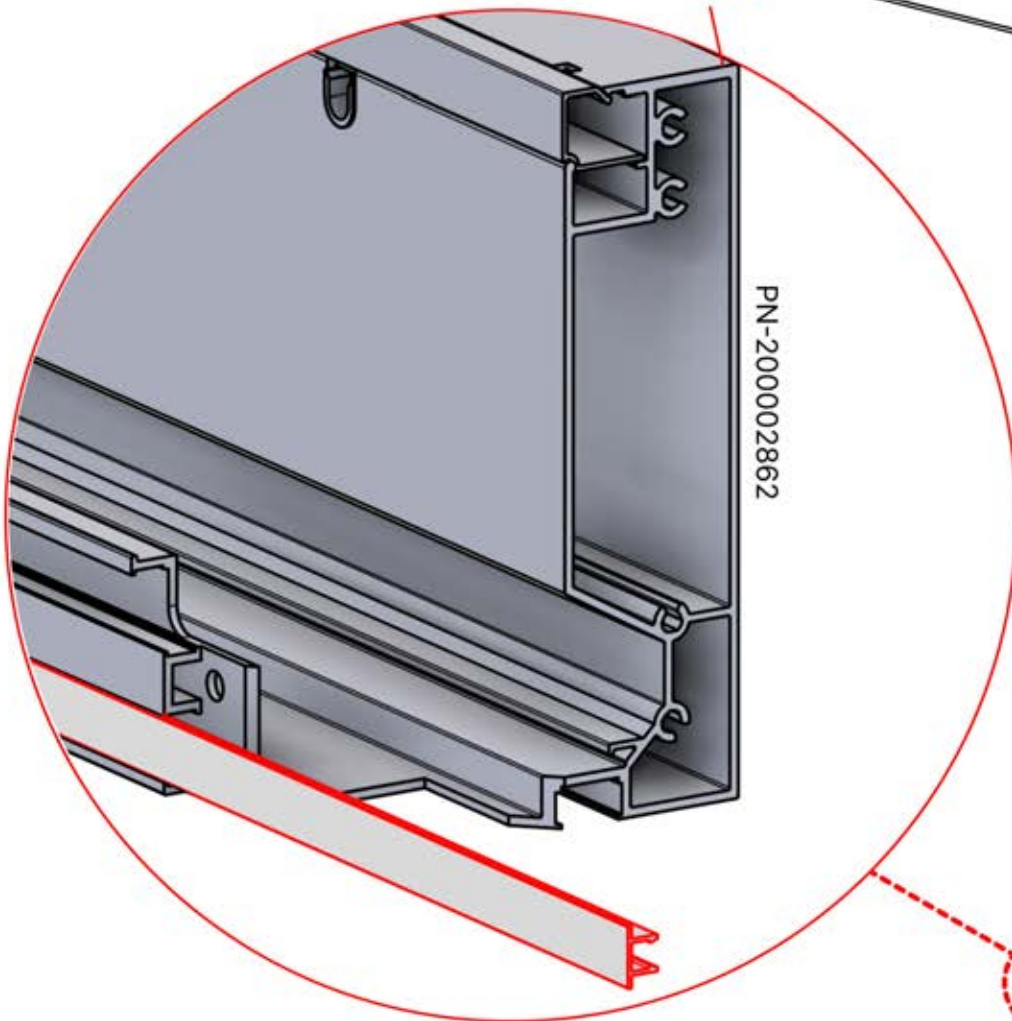
Cover and clips



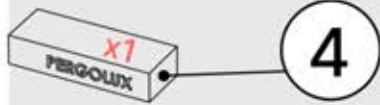
PN-200000512
SnapFIT COVER CLIP



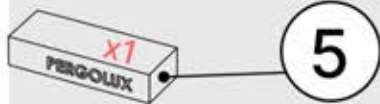
SnapFIT cover



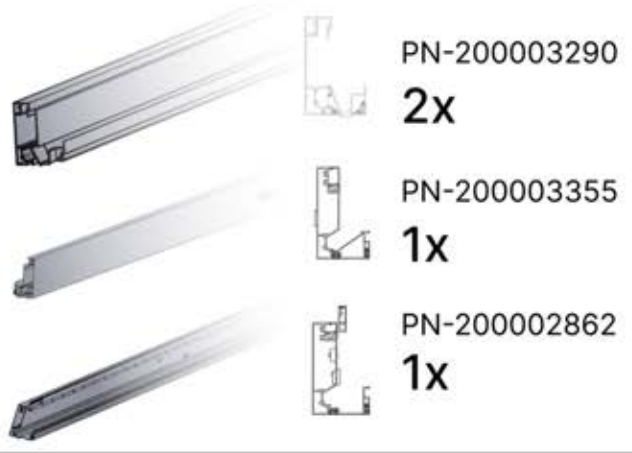
INFORMATION



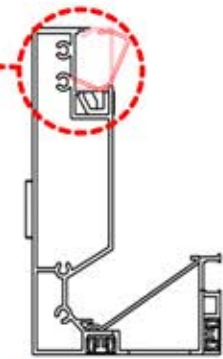
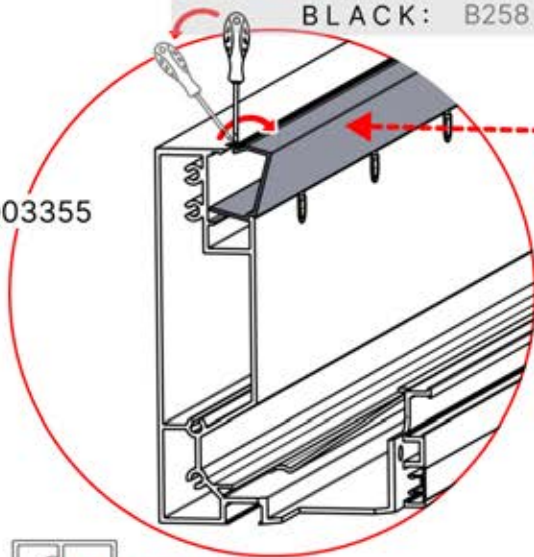
ANTHRACITE: B235
 WHITE: B243
 BLACK: B239



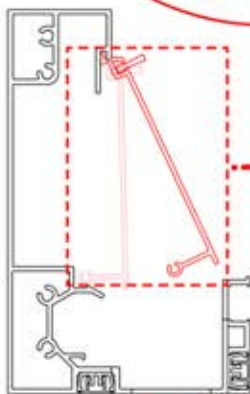
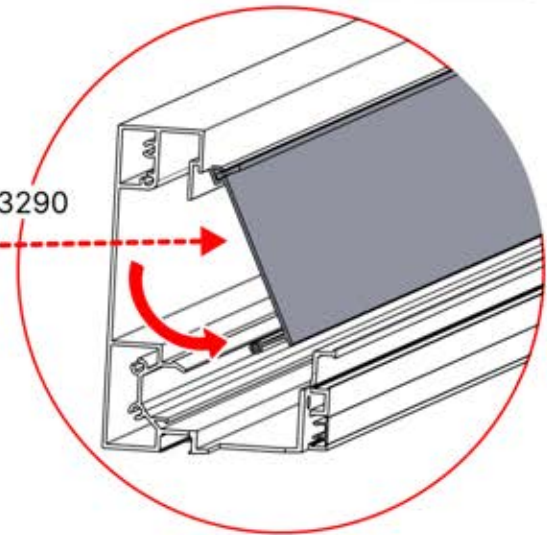
ANTHRACITE: B256
 WHITE: B260
 BLACK: B258



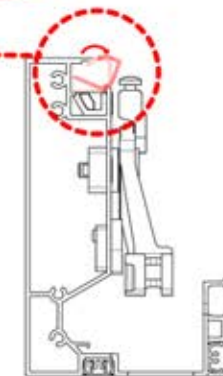
PN-200003355



PN-200003290



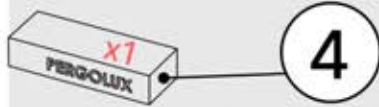
PN-200002862



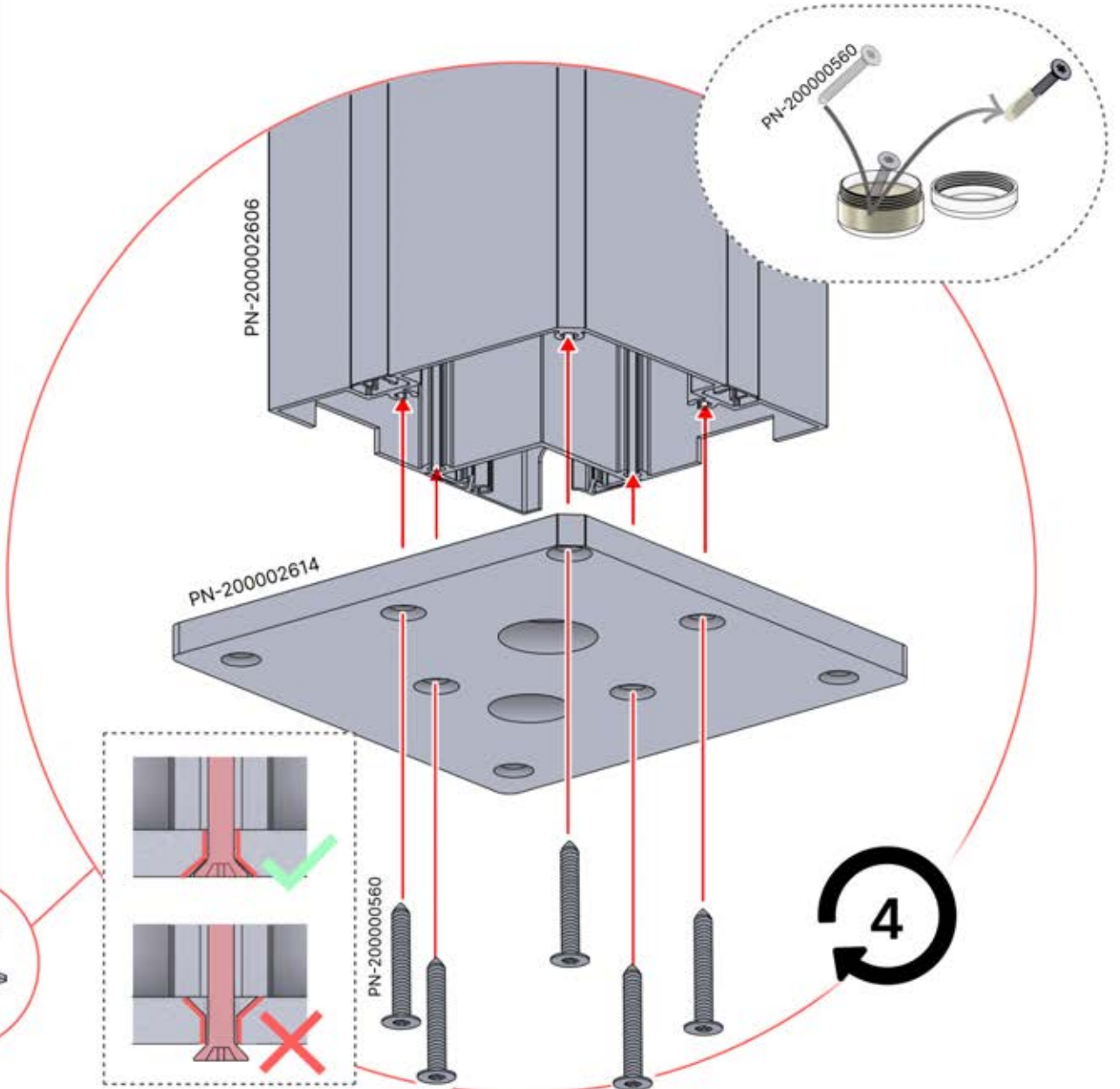
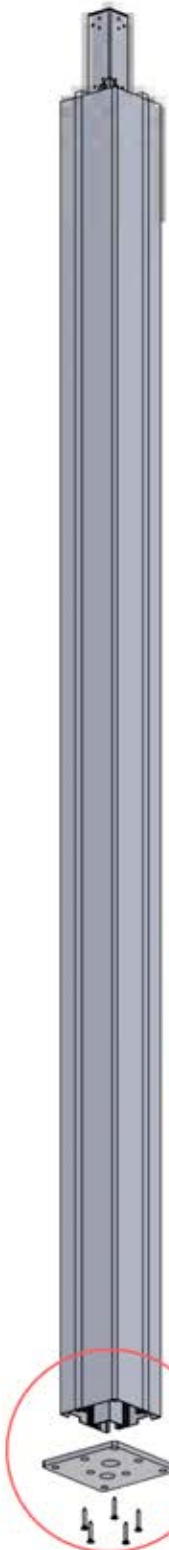
01



ANTHRACITE: C120
WHITE: C122
BLACK: C121



ANTHRACITE: B235
WHITE: B243
BLACK: B239

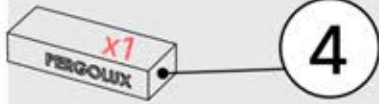


02



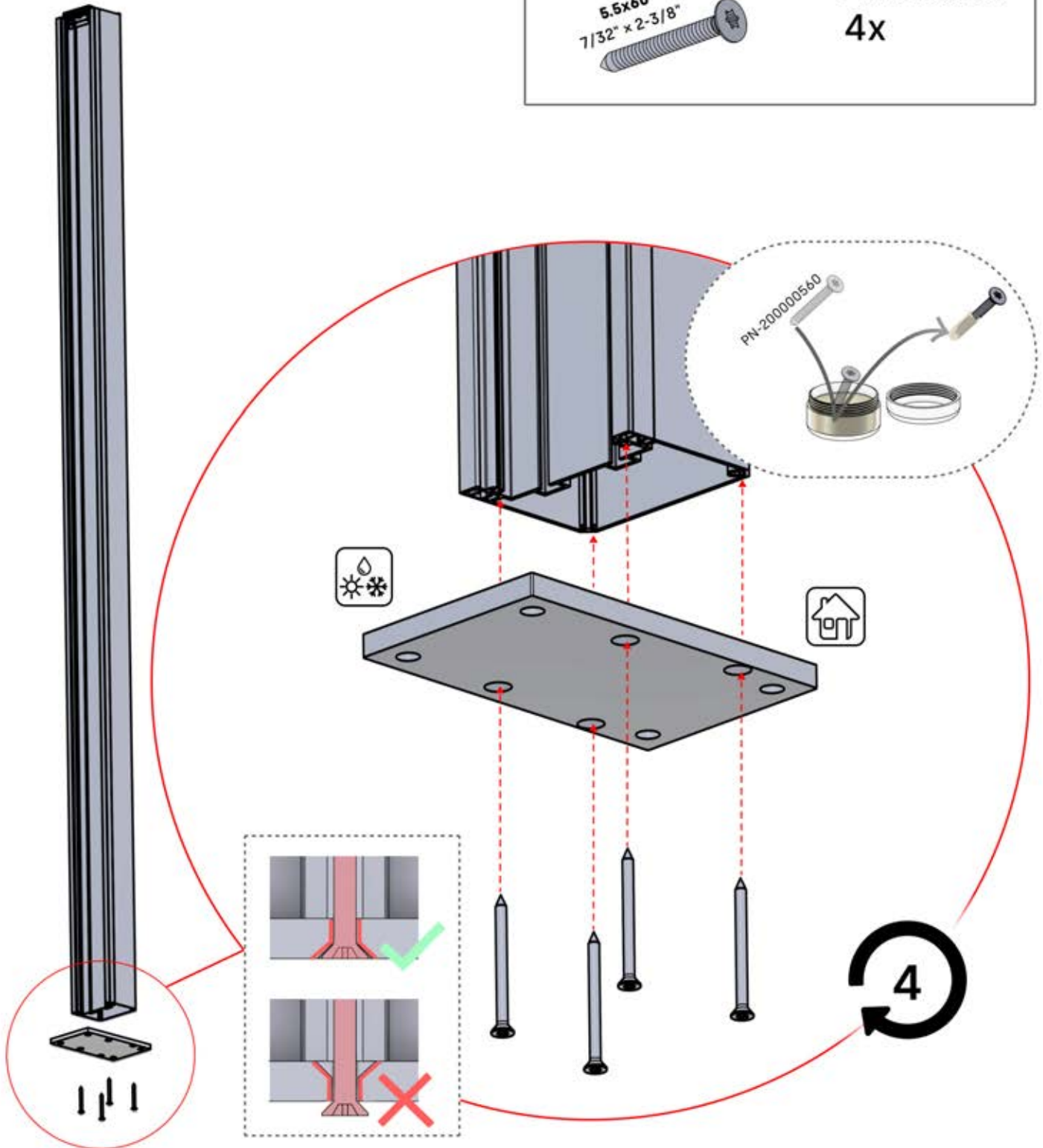
2

ANTHRACITE: C123
WHITE: C125
BLACK: C124



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239




03

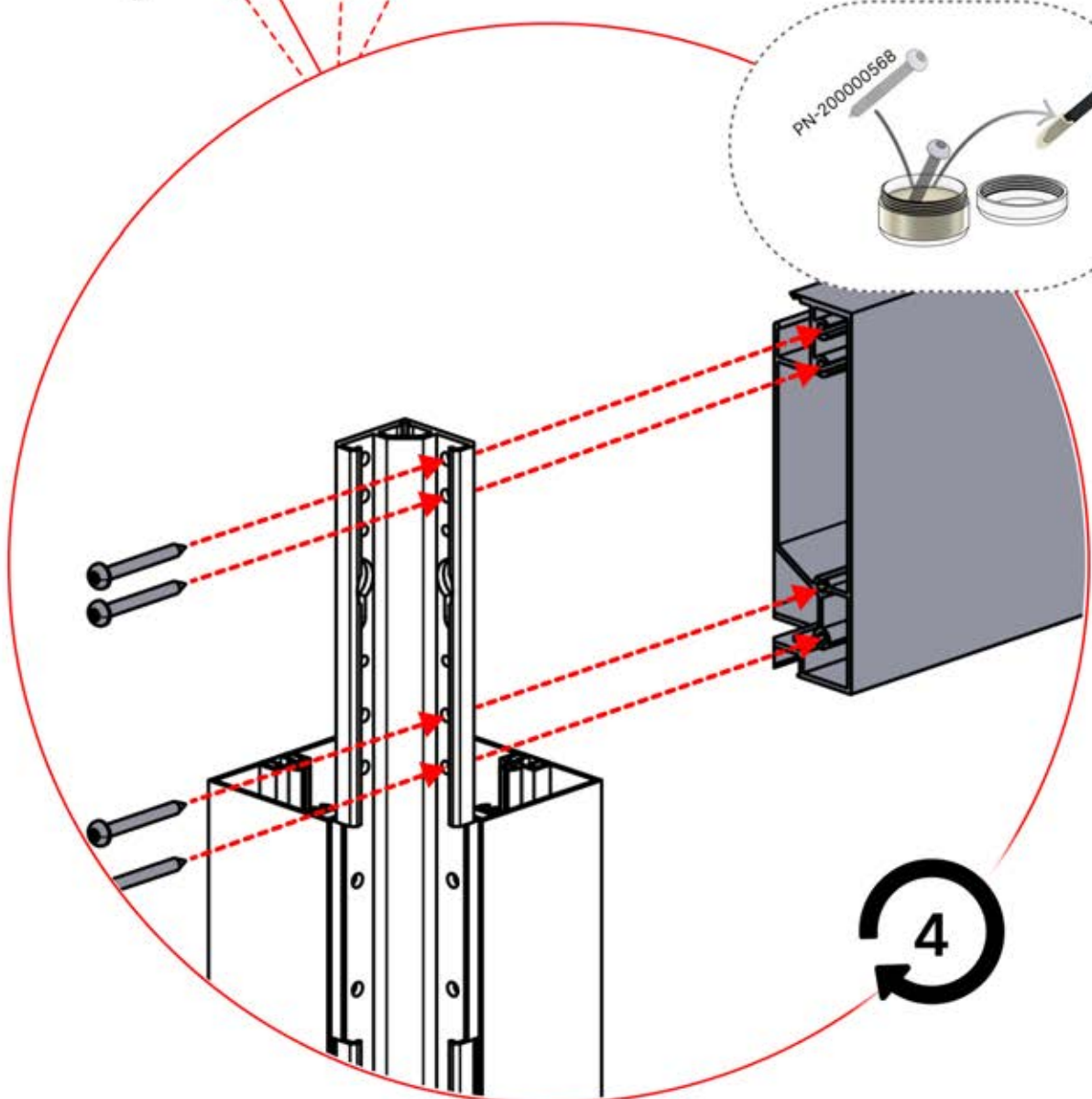
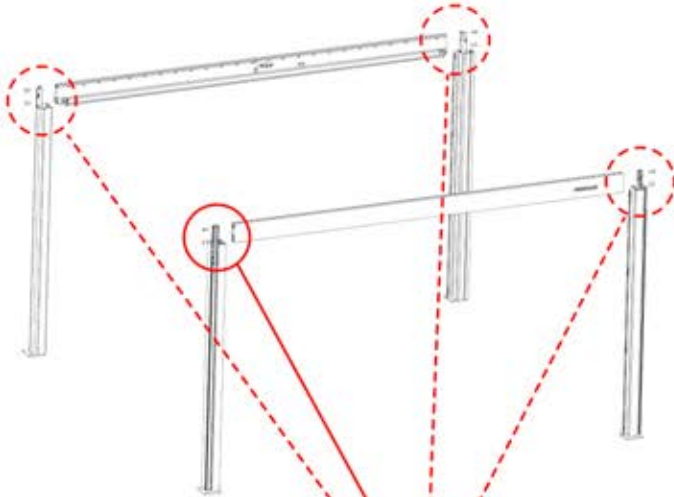
x1
PERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-20000568
16x




04

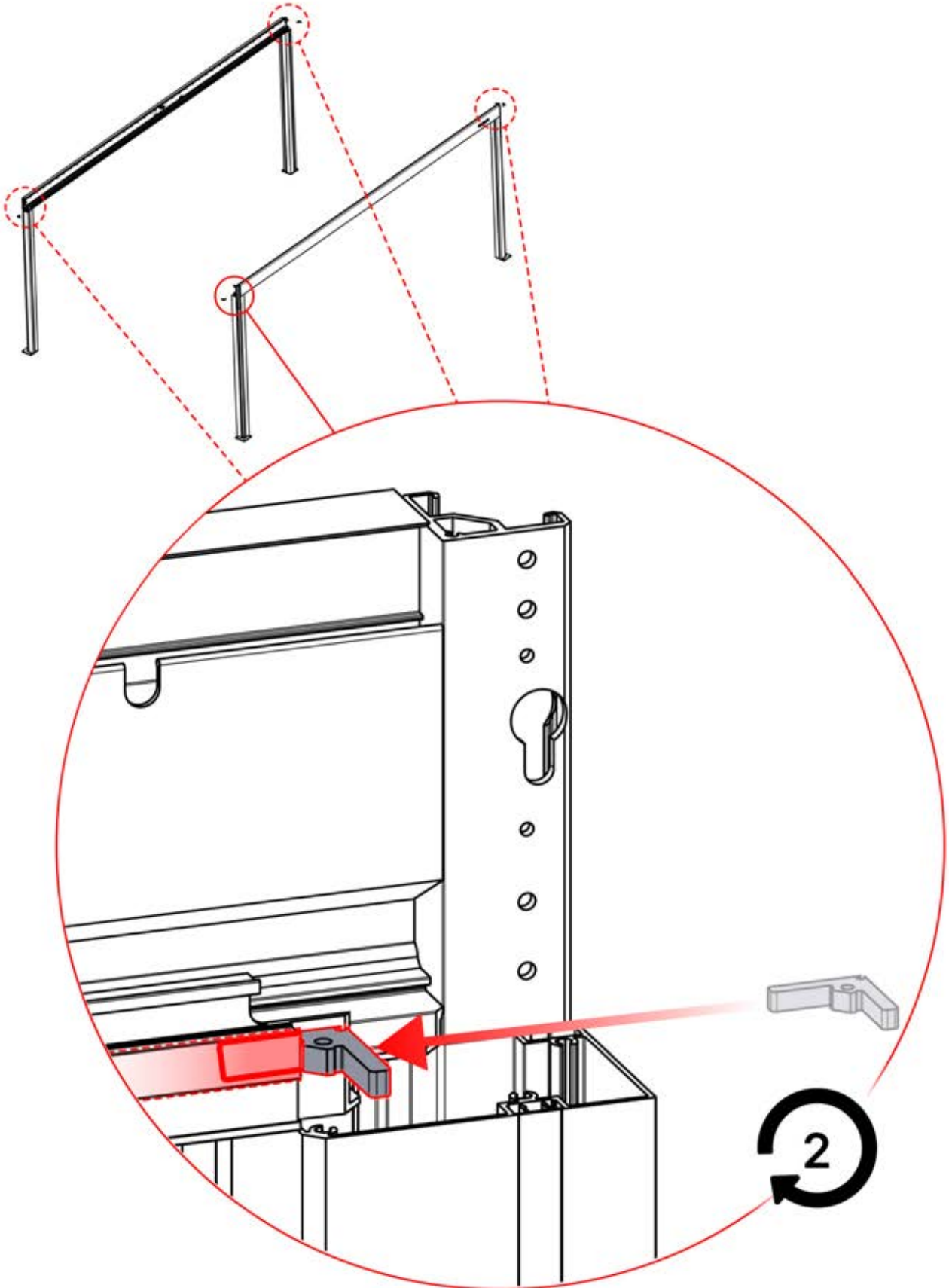
x1
PERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-20000507
4x



05

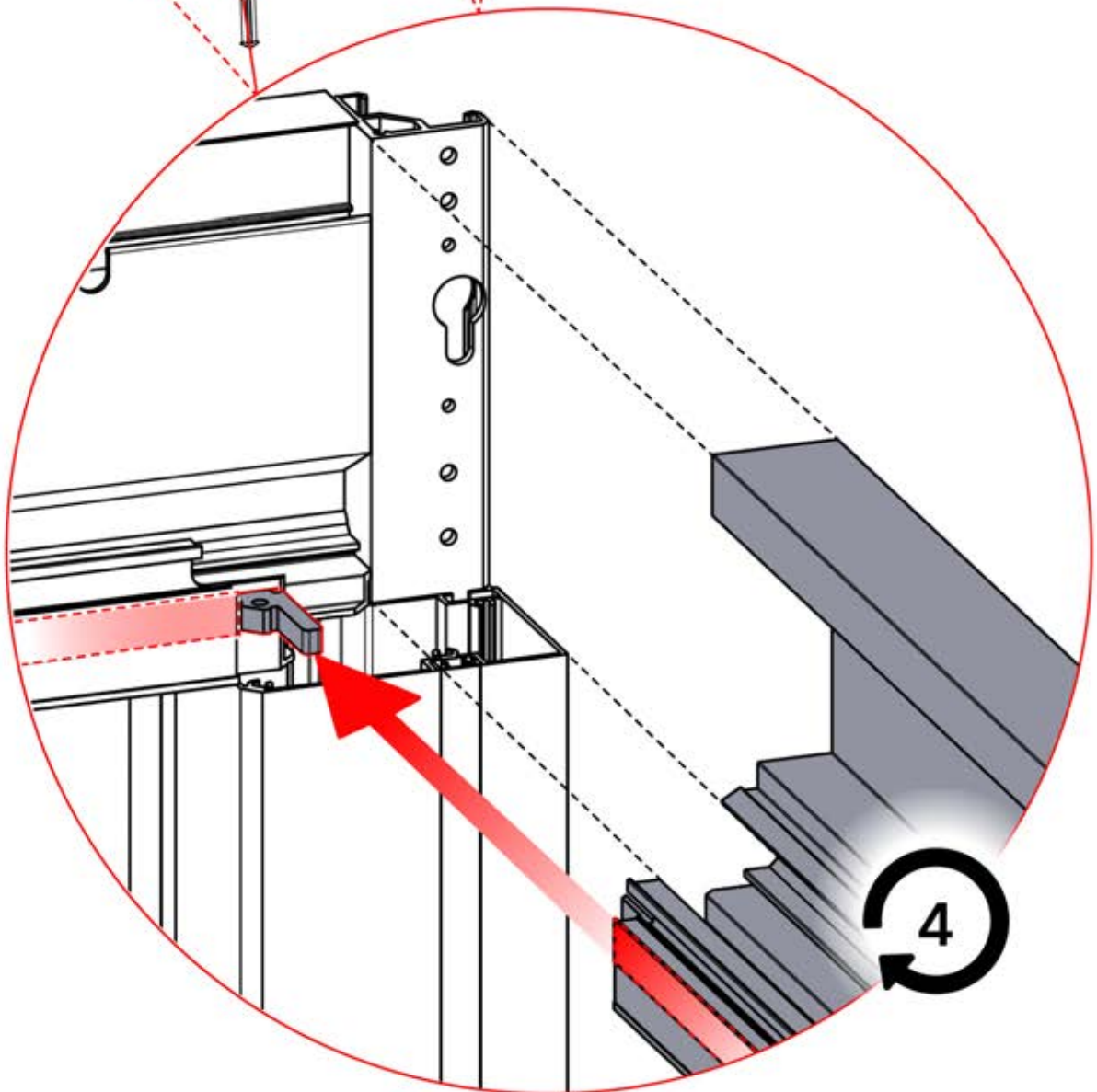
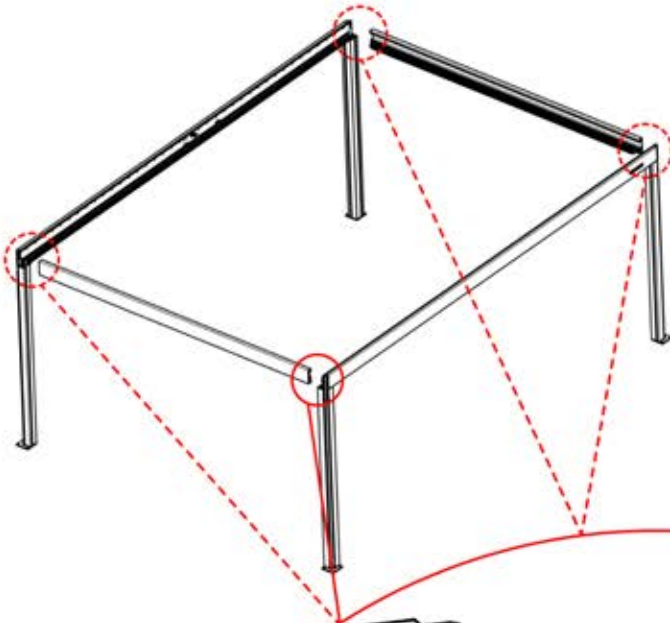
x1
PERGOLUX

5

ANTHRACITE: B256
WHITE: B260
BLACK: B258



PN-200003356
2x



06

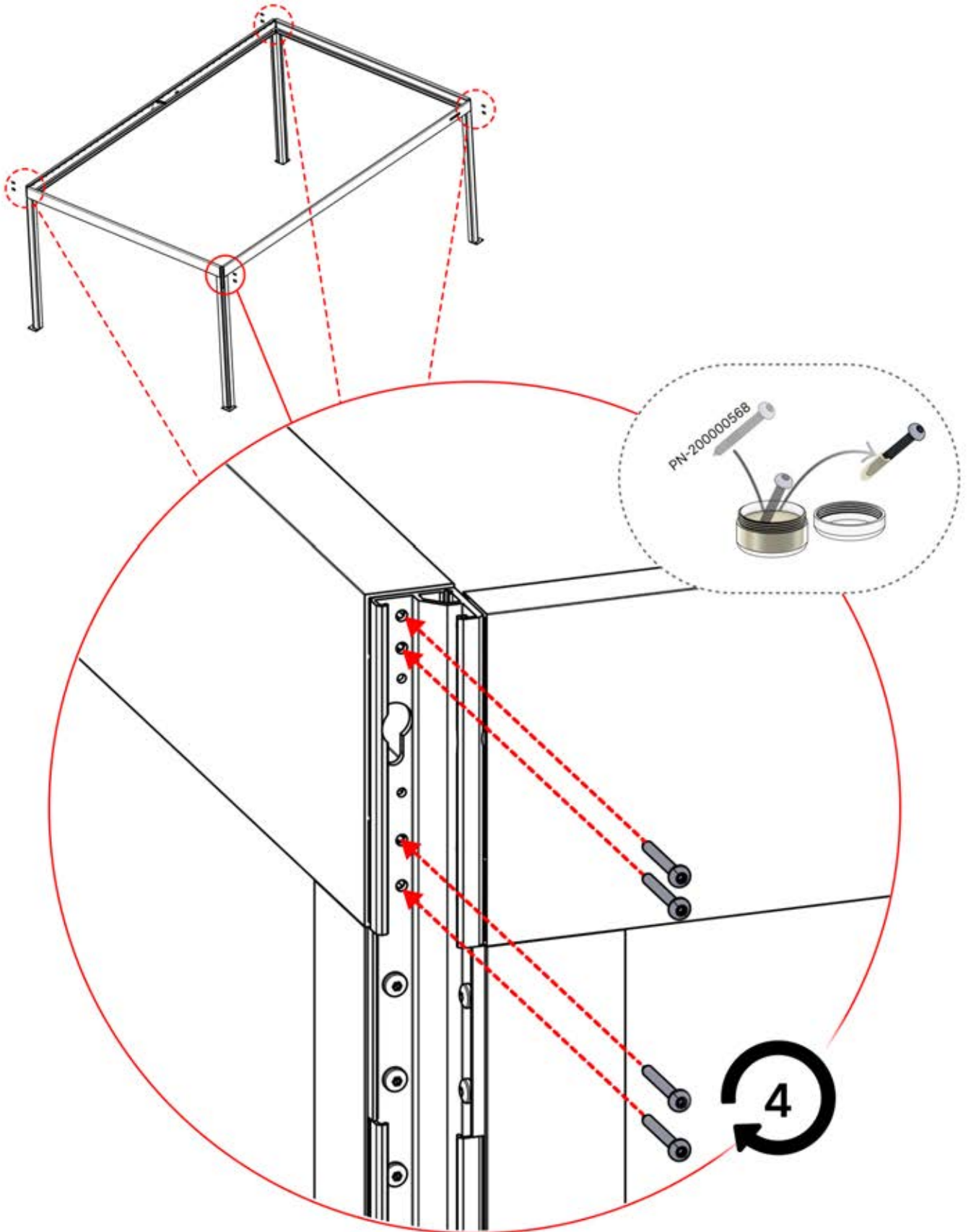
x1
PERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-20000568
16x




07

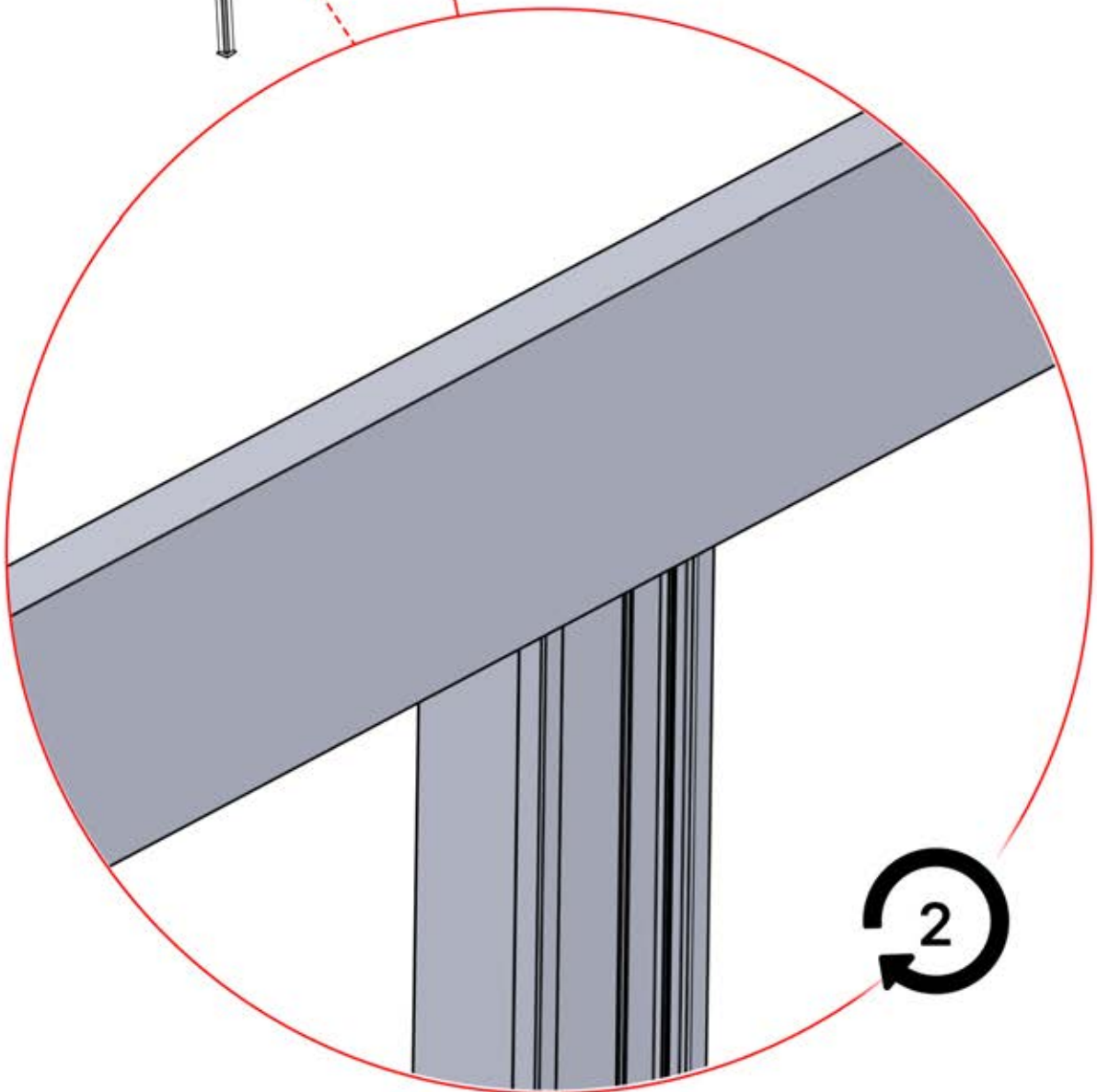
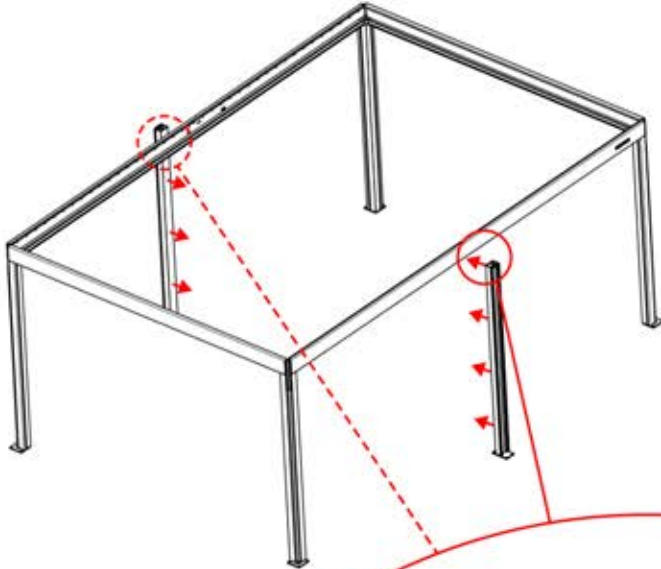
x2
PERGOLUX
PERGOLUX

2

ANTHRACITE: C123
WHITE: C125
BLACK: C124



PN-200002782
2X




08

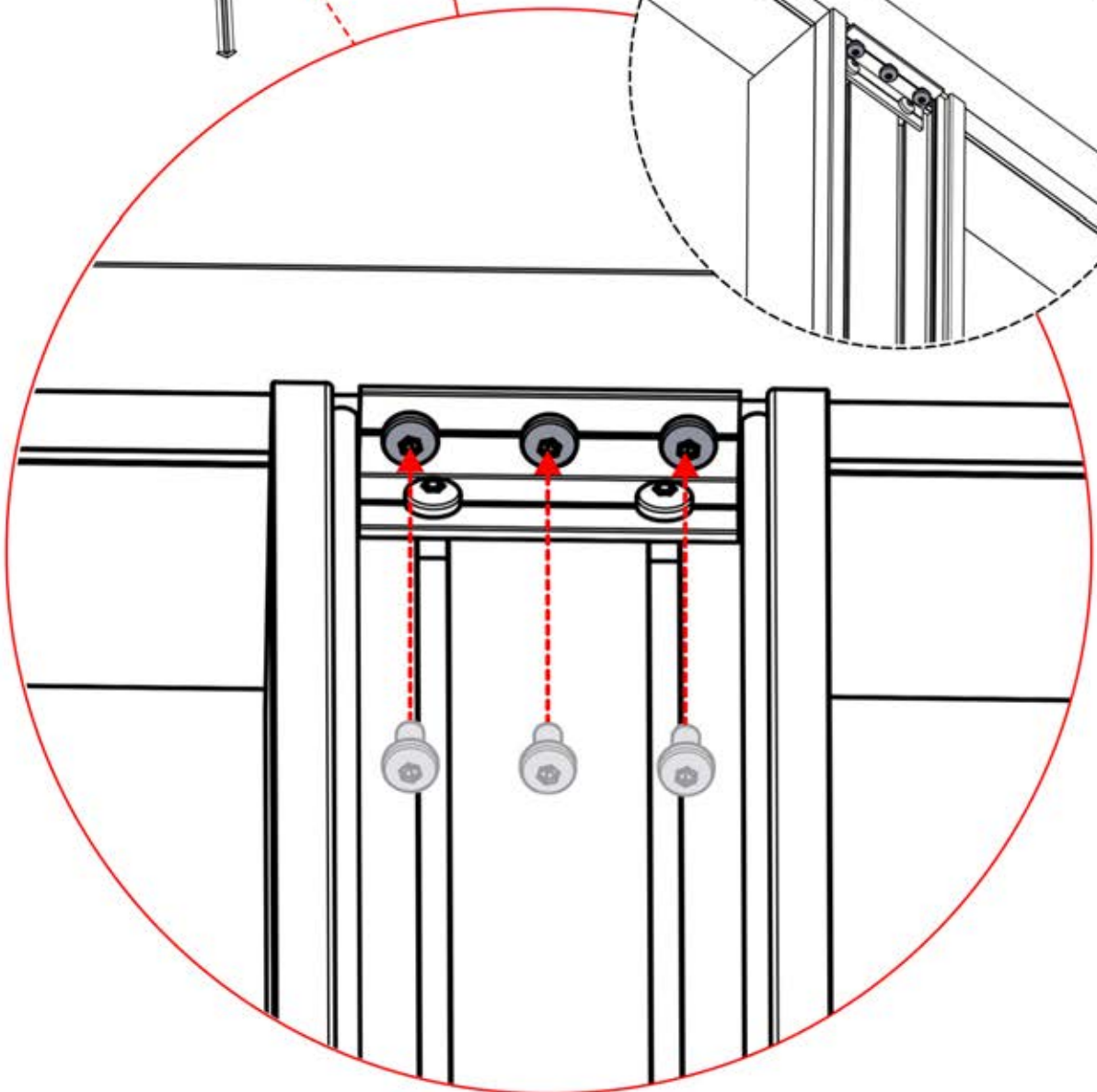
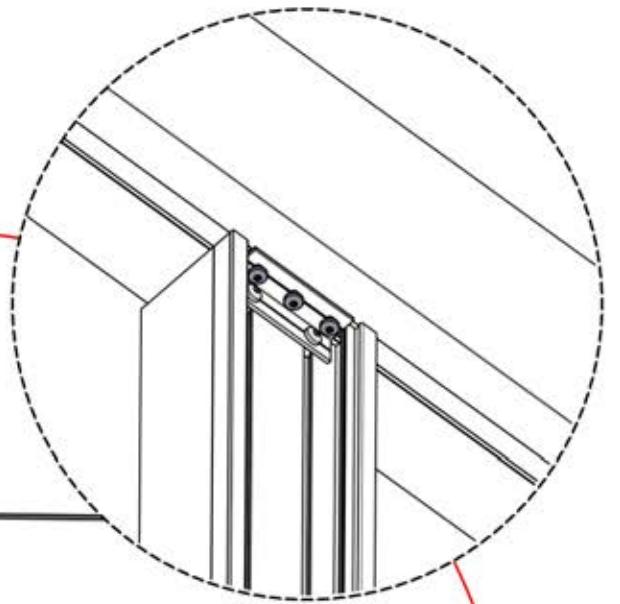
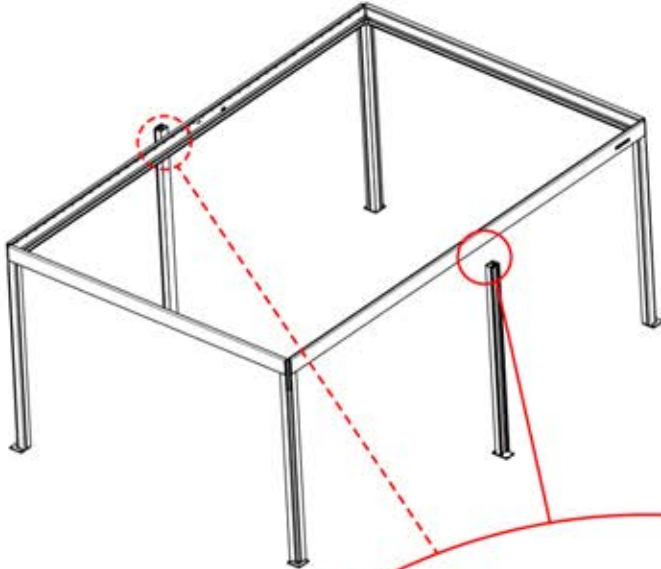
x2
PERGOLUX
PERGOLUX

2

ANTHRACITE: C123
WHITE: C125
BLACK: C124



PN-20000826
6X



09

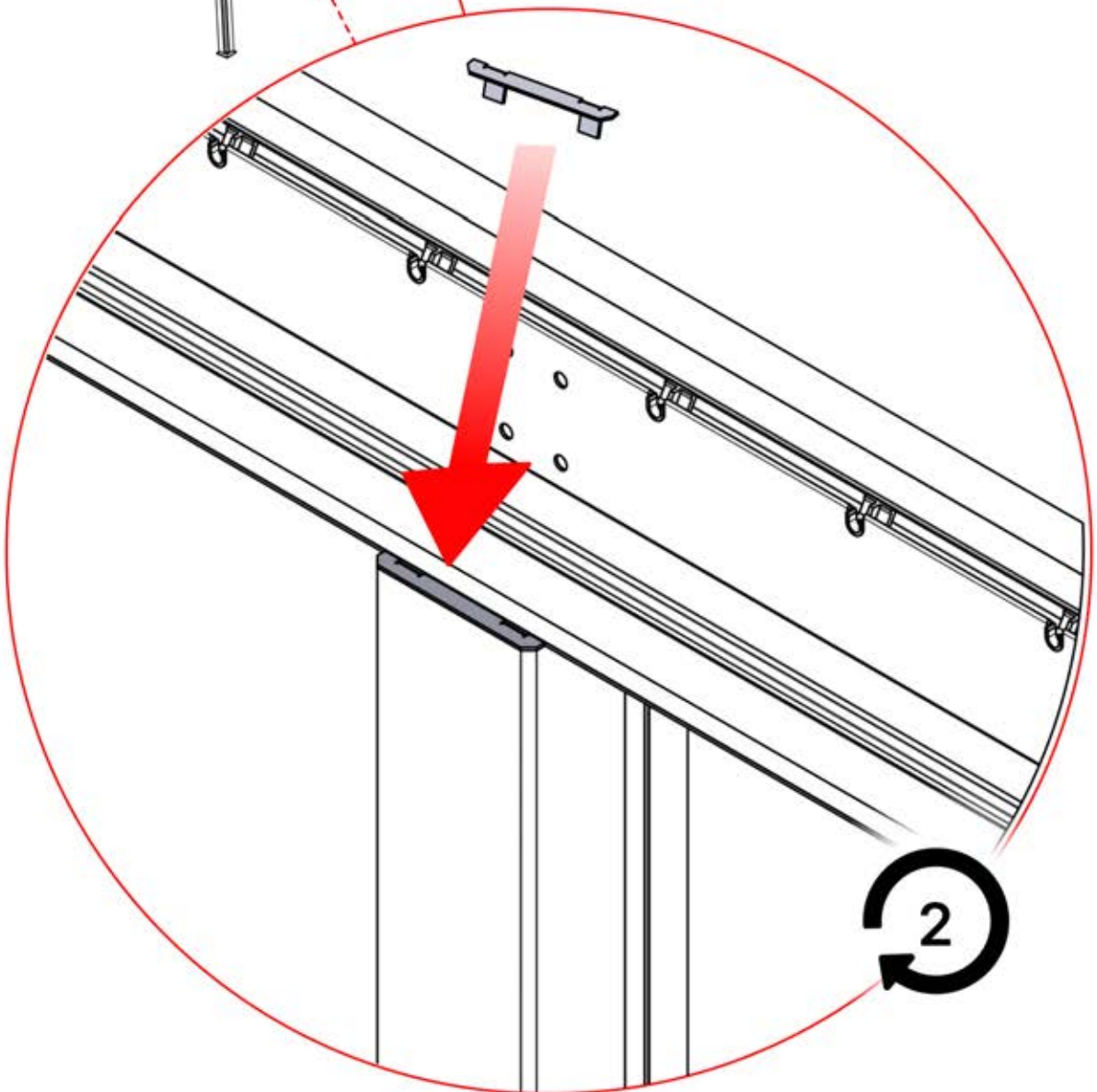
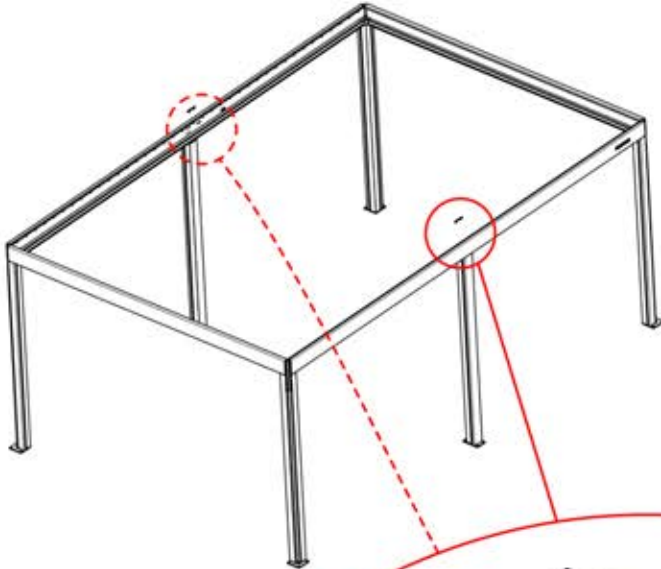
x1
FERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003385
2x



10

x1
FERGOLUX

6

ANTHRACITE: B268
WHITE: B272
BLACK: B270



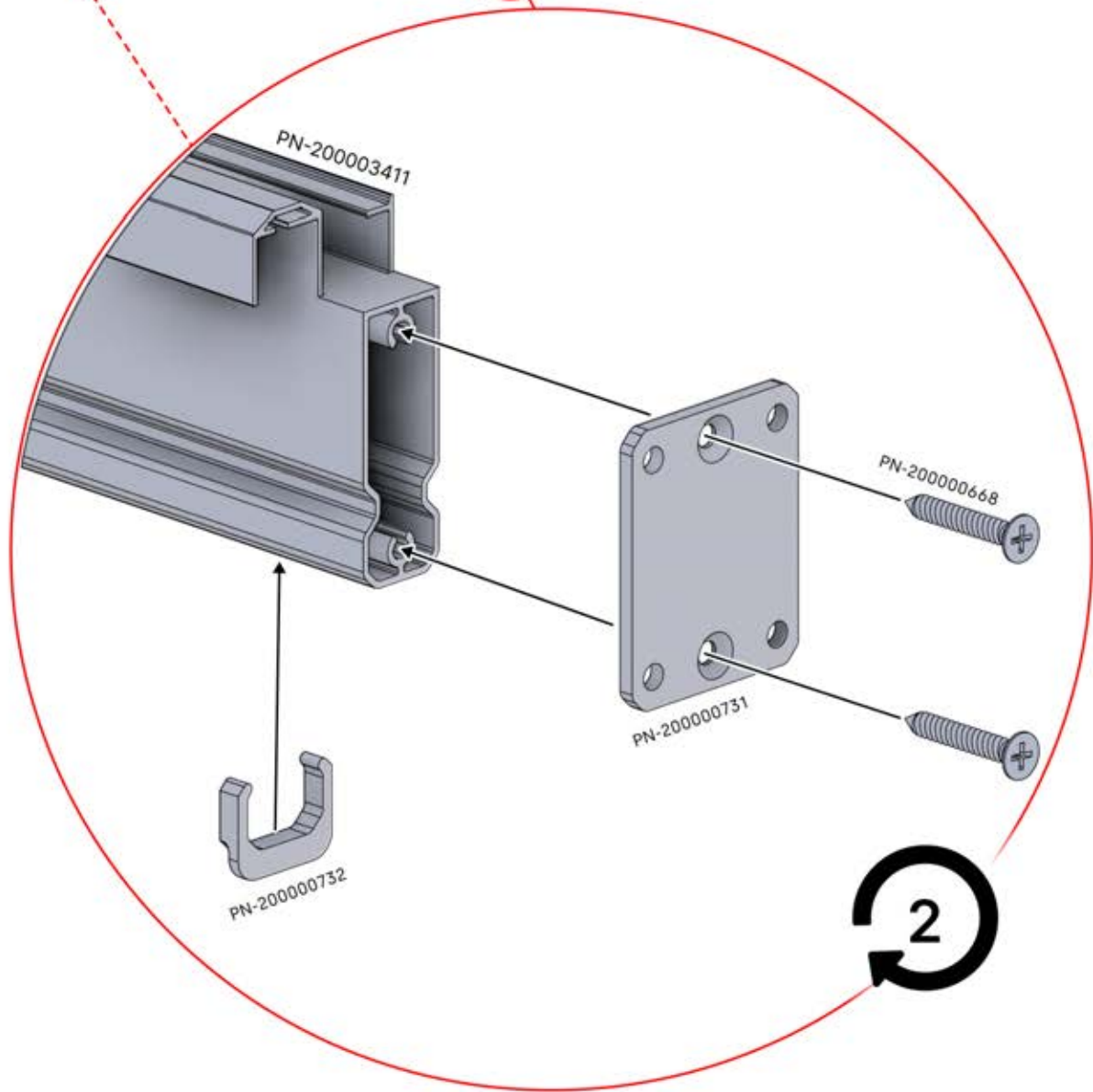
PN-200003411
1x

PN-200000731
2x

PN-200000732
2x

PN-200000668
4x

5.5x38



11

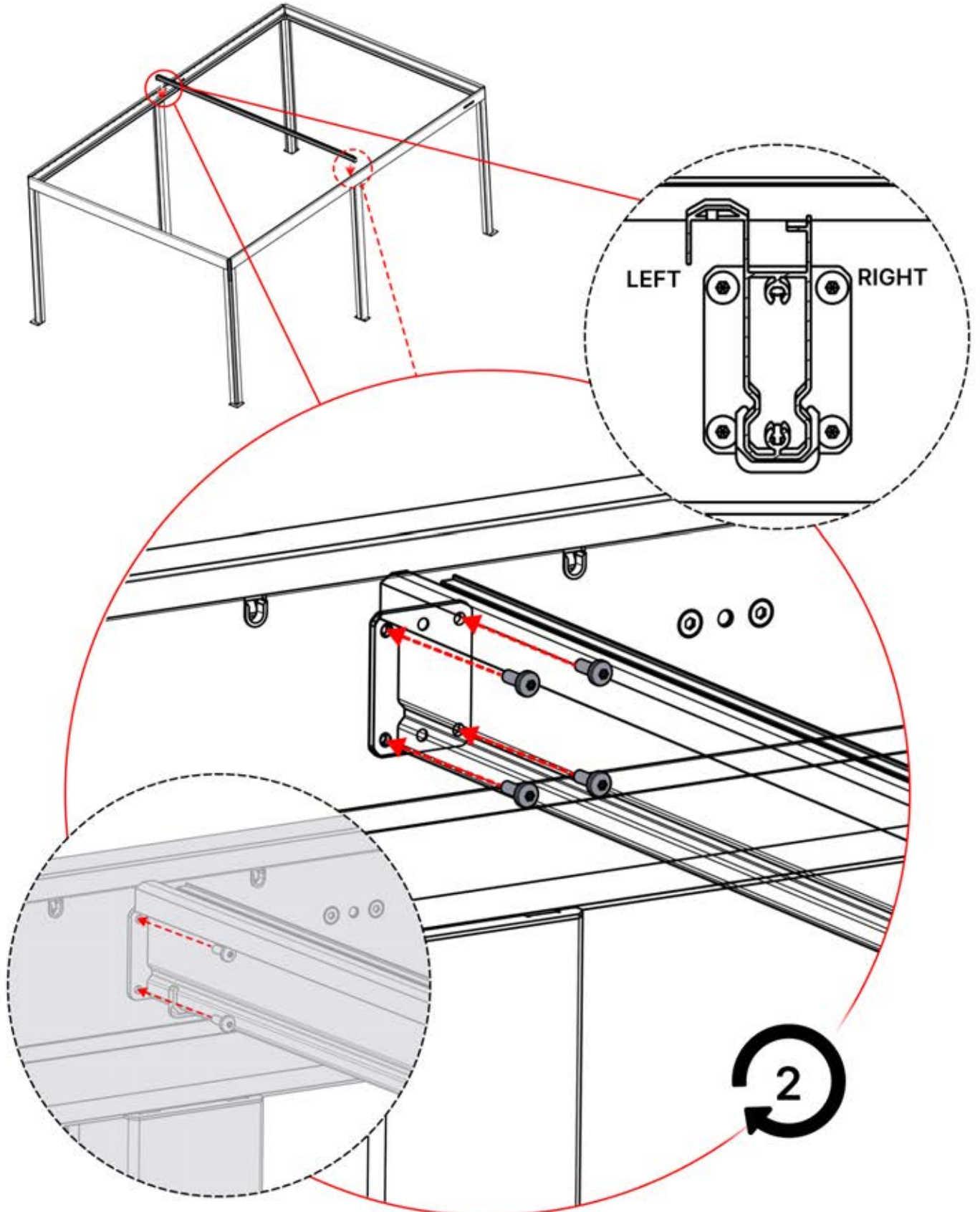
x1
PERGOLUX

4



ANTHRACITE: B235
WHITE: B243
BLACK: B239

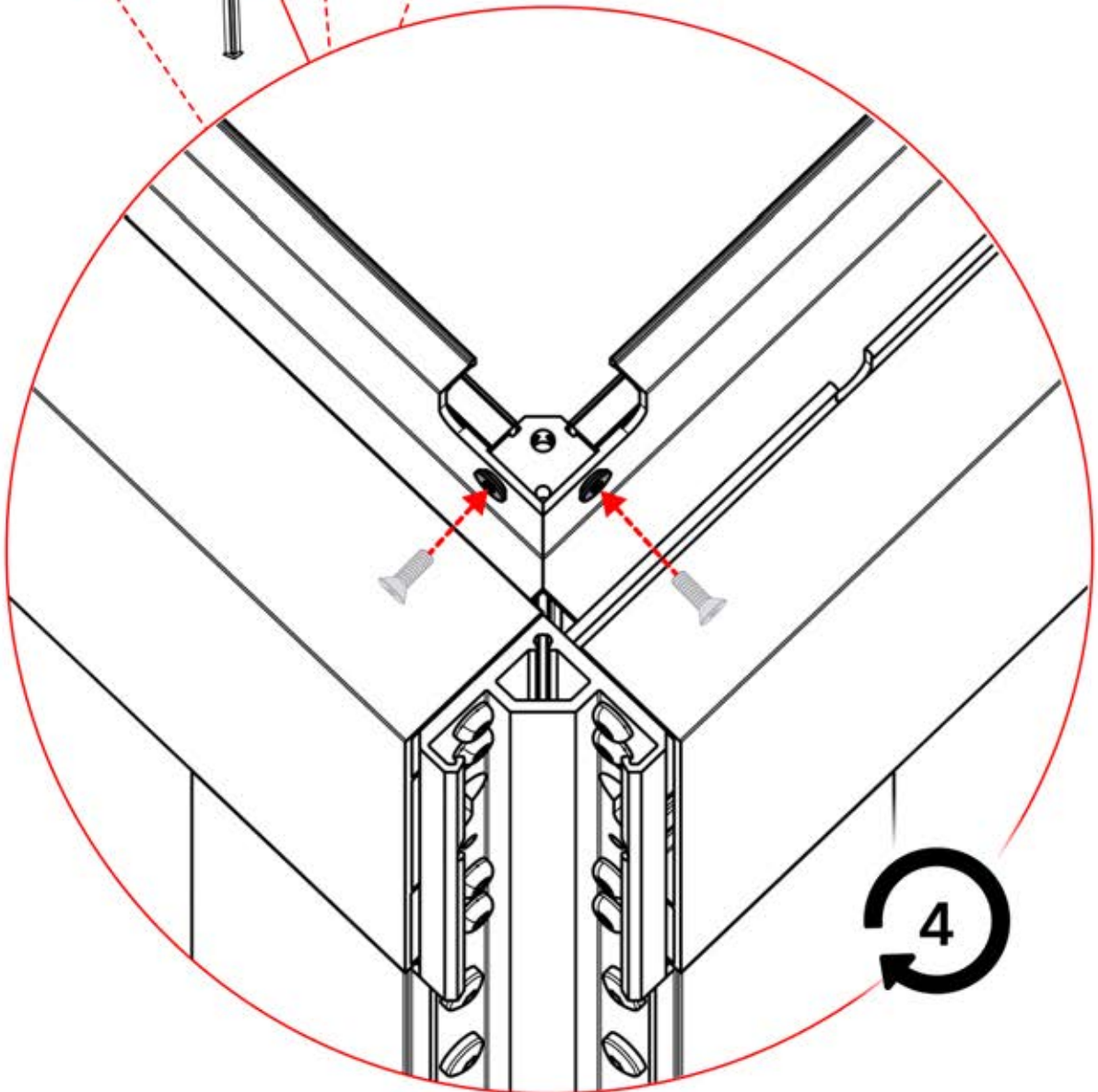
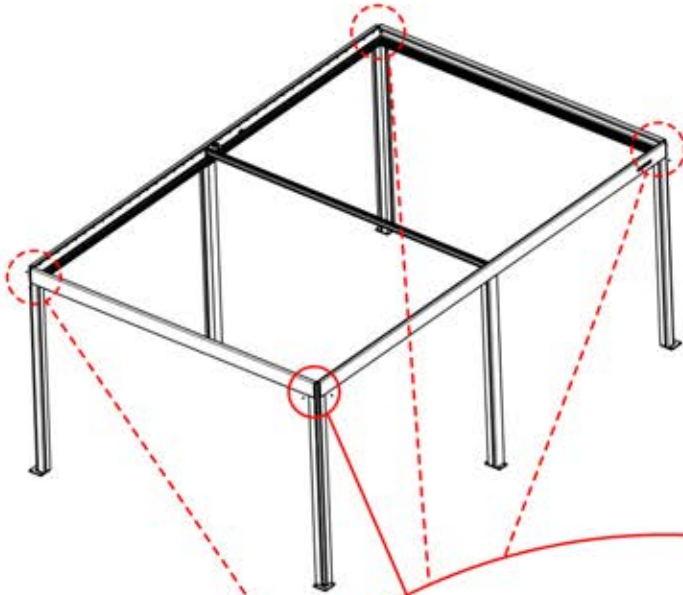


PN-200000415
8x



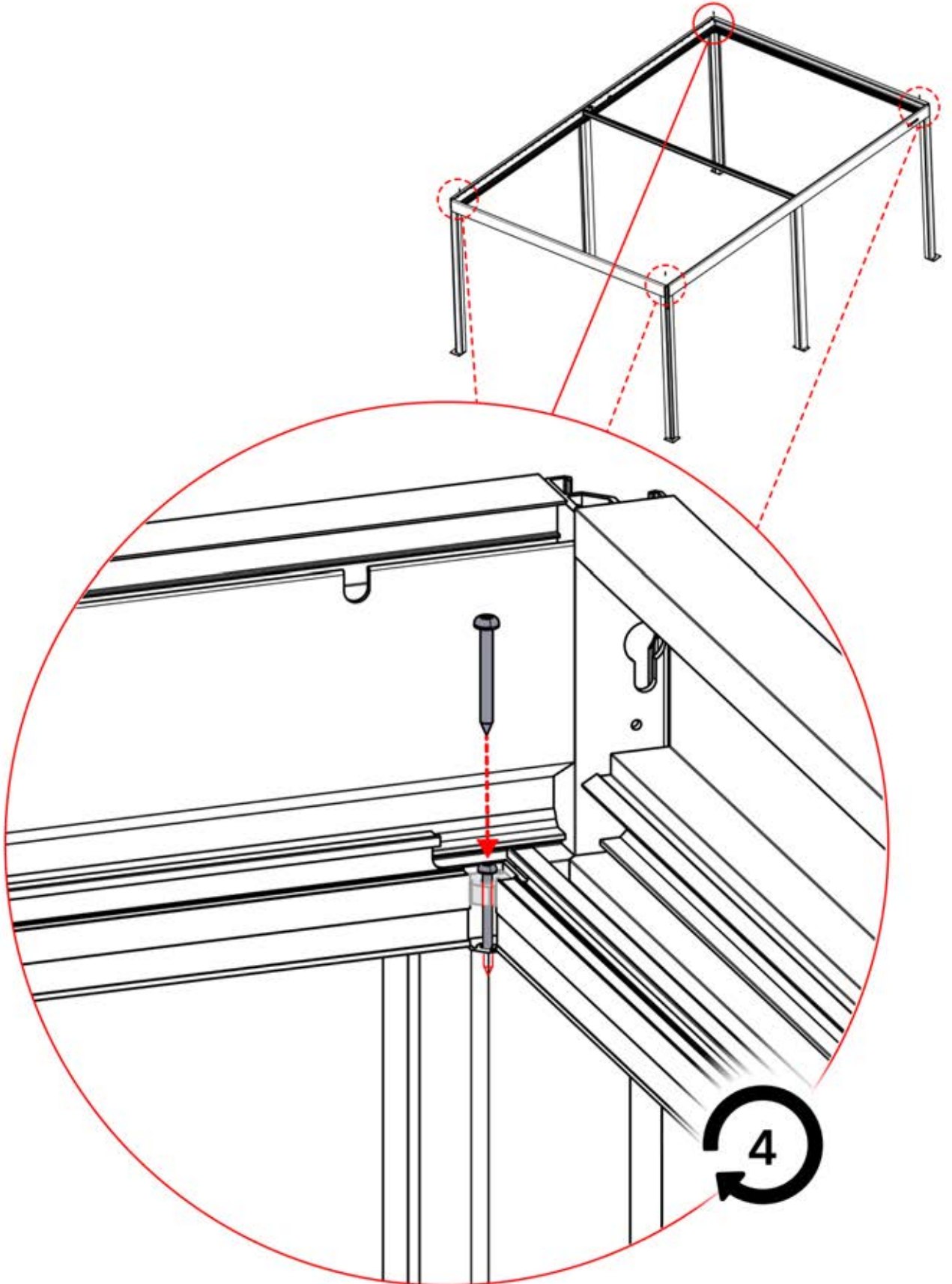
12

 <p>x1 PERGOLUX</p>	4	 <p>5x12 3/16" x 1/2"</p>	PN-200000569 8x
ANTHRACITE: B235 WHITE: B243 BLACK: B239			





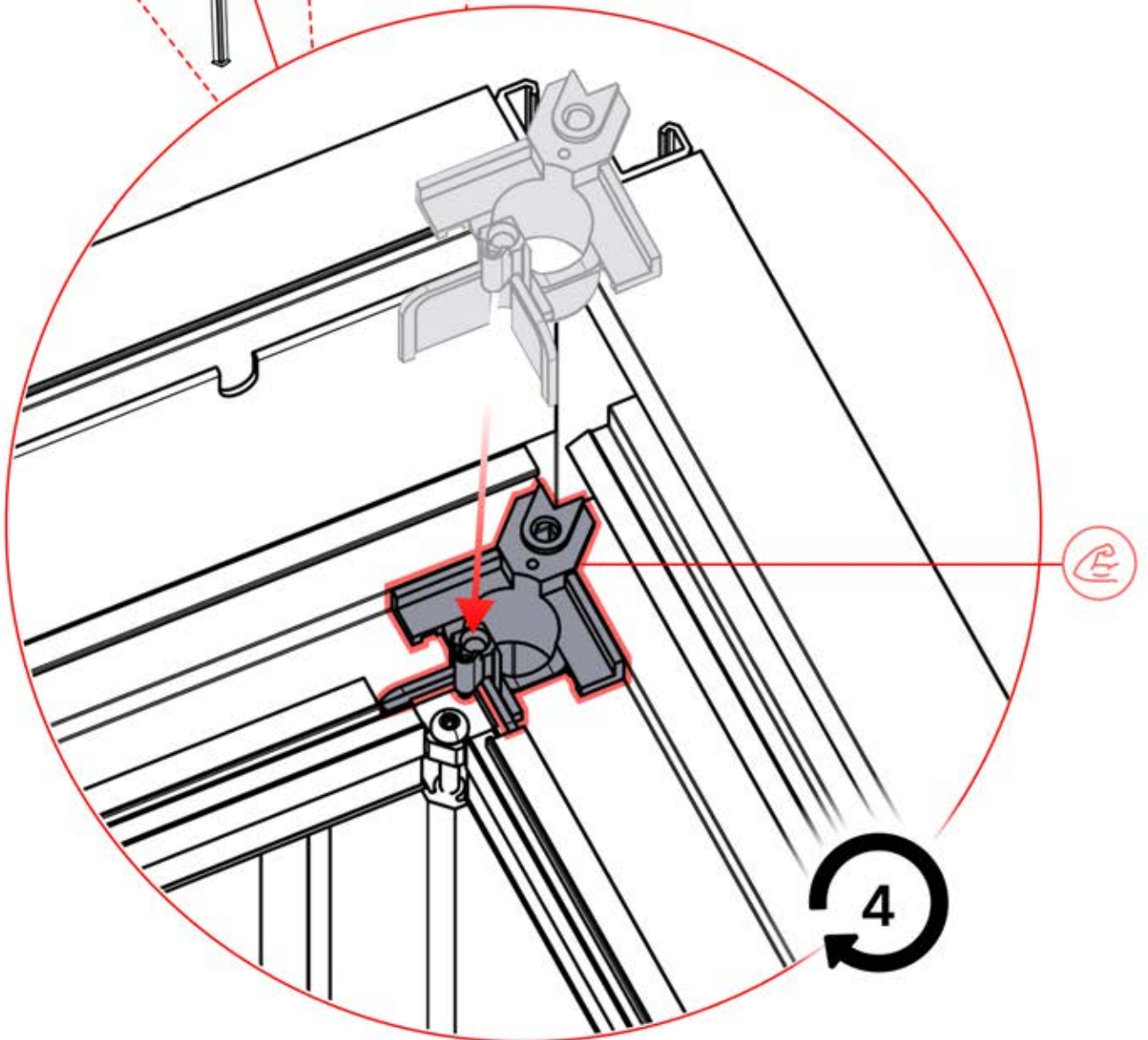
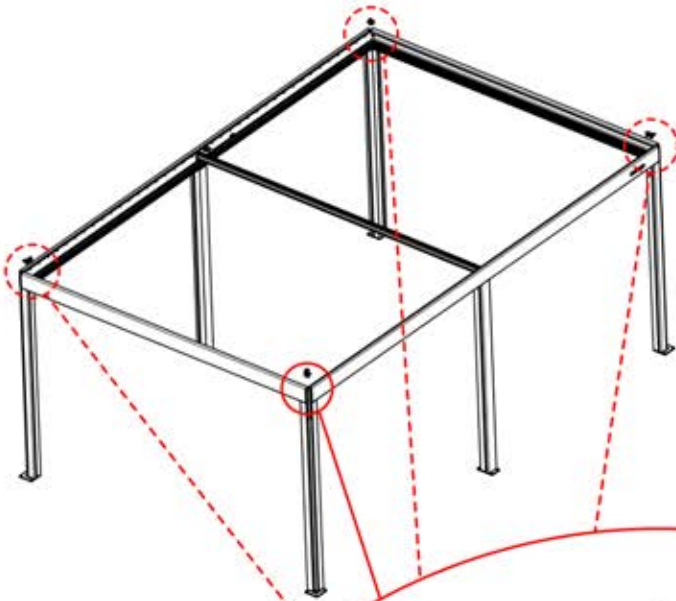
13

	4		PN-200000568
ANTHRACITE: B235			4x
WHITE: B243			
BLACK: B239			



14

 ANTHRACITE: B235 WHITE: B243 BLACK: B239	4		PN-200002617 4x
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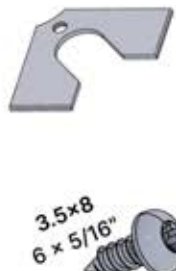


15

x1
PERGOLUX

4

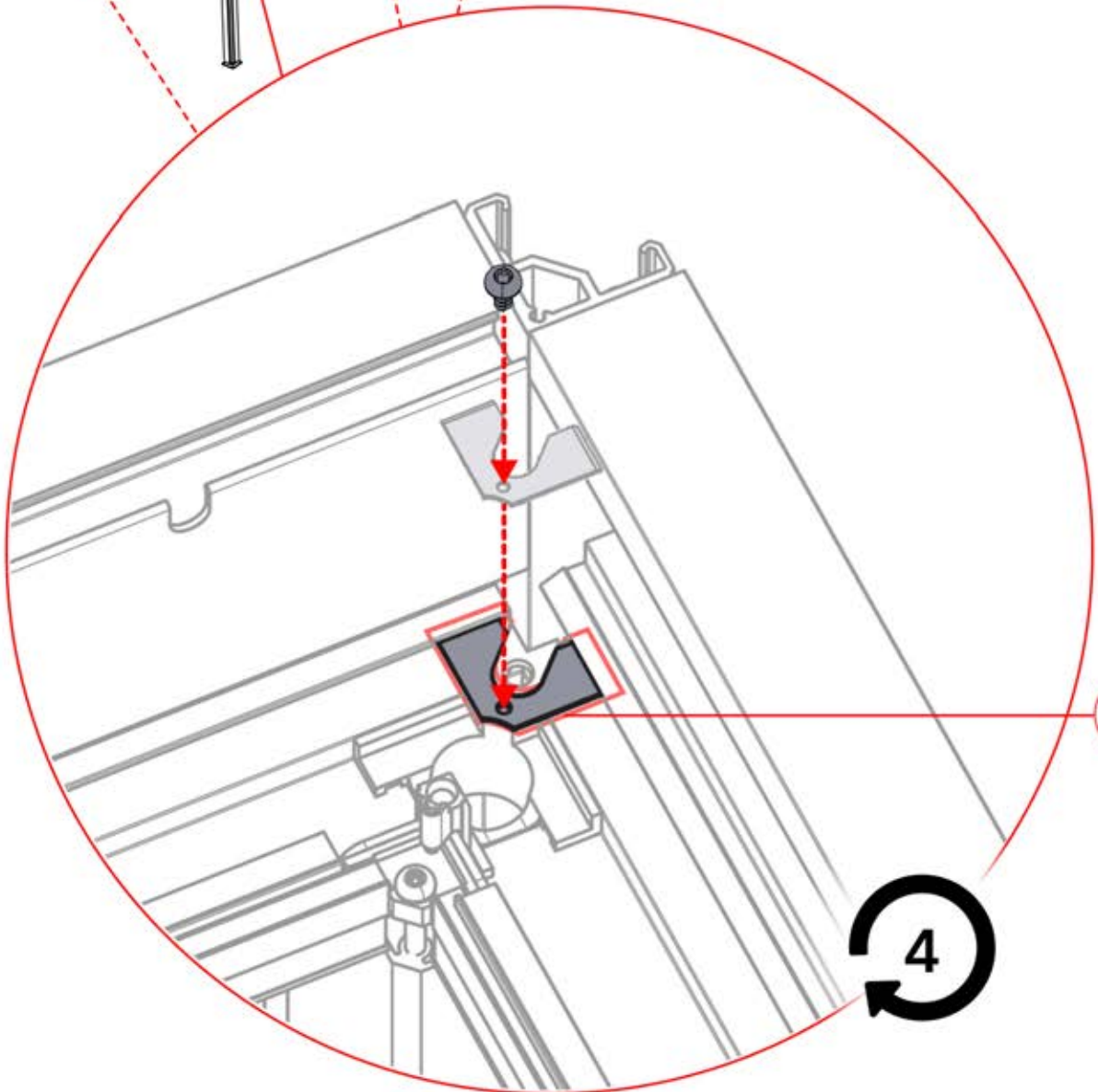
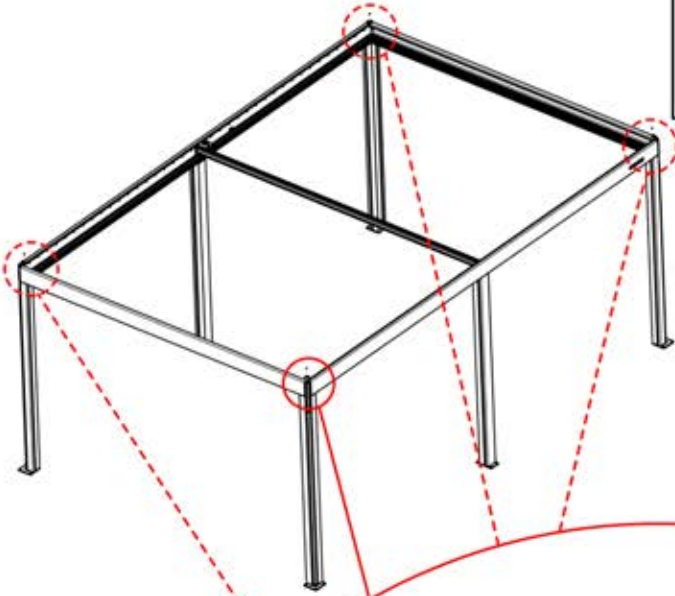
ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002618
4x

PN-200000571
4x

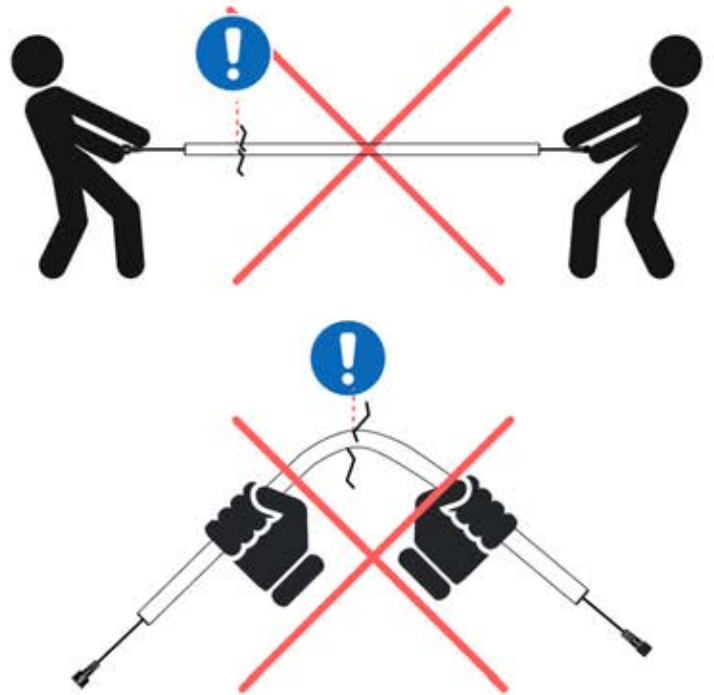
3.5x8
6 x 5/16"



IMPORTANT INFORMATION

Handle with care.

When installing the light strip, do not pull or bend the wires on both sides with force, as this may cause the solder joints to fall off.

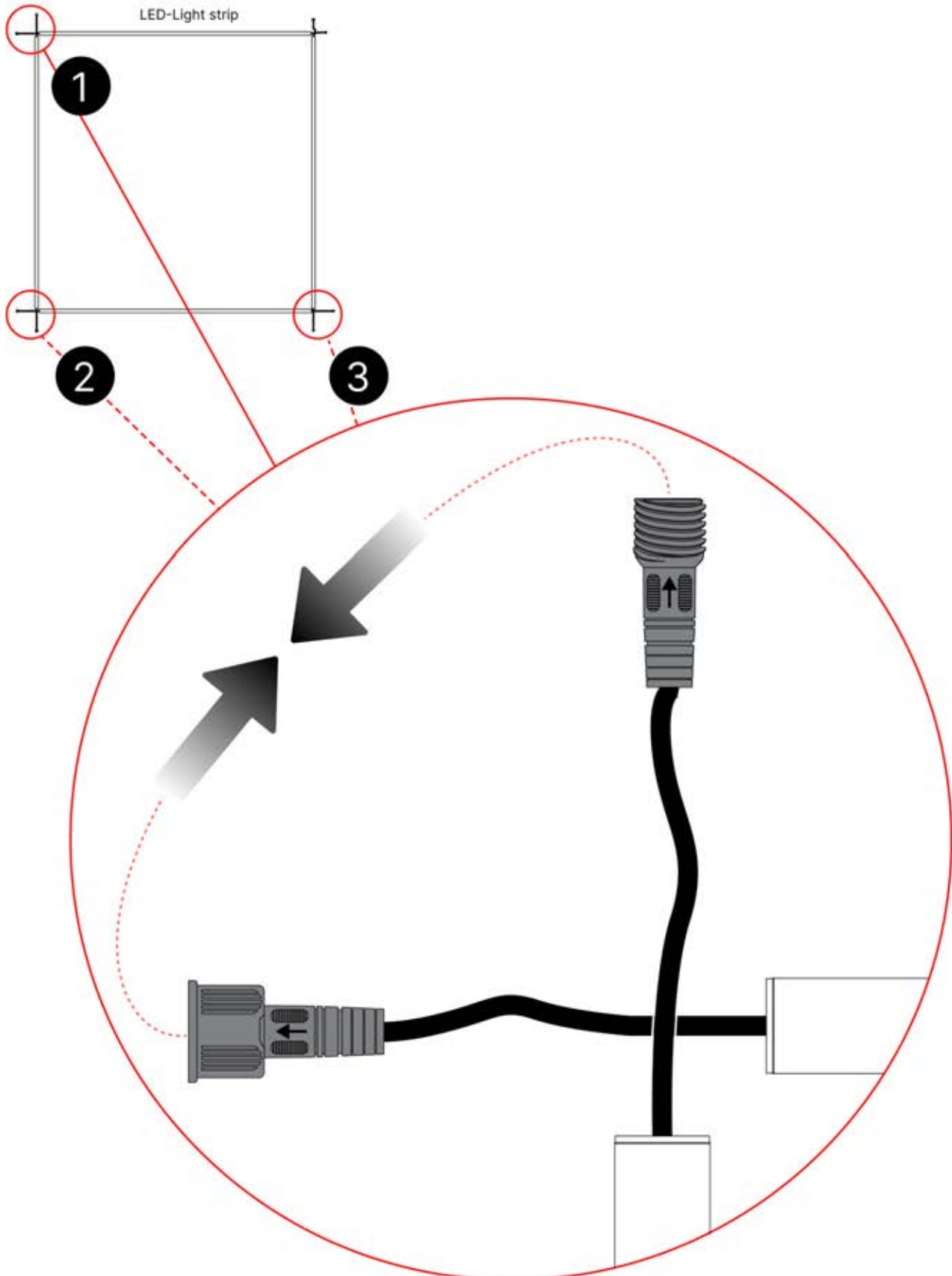


Important! Please watch all the videos before starting the assembly.

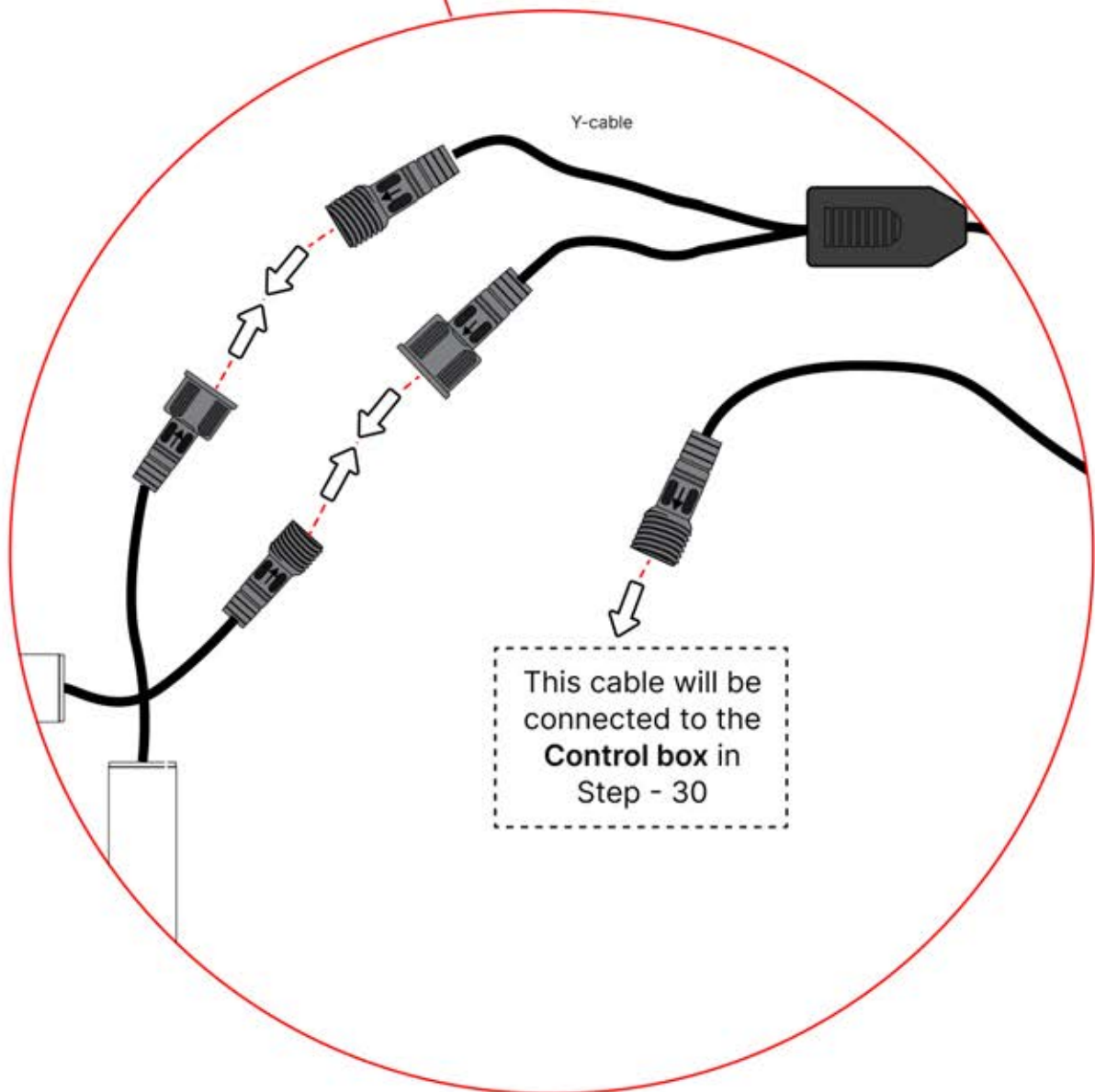
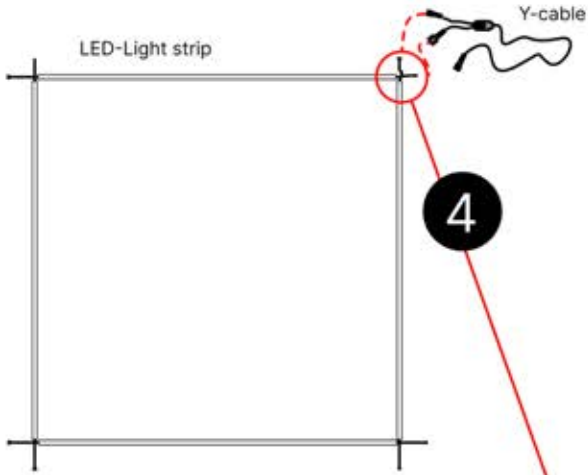
The videos contain important information relevant to the assembly process.



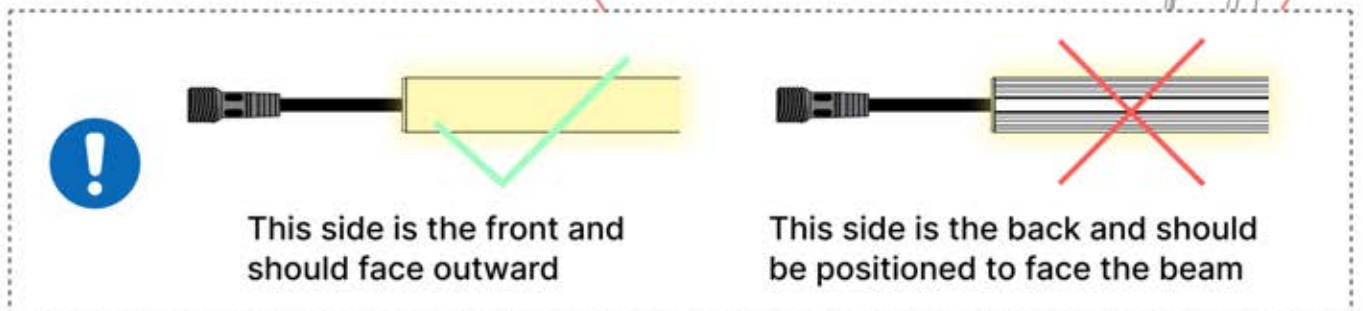
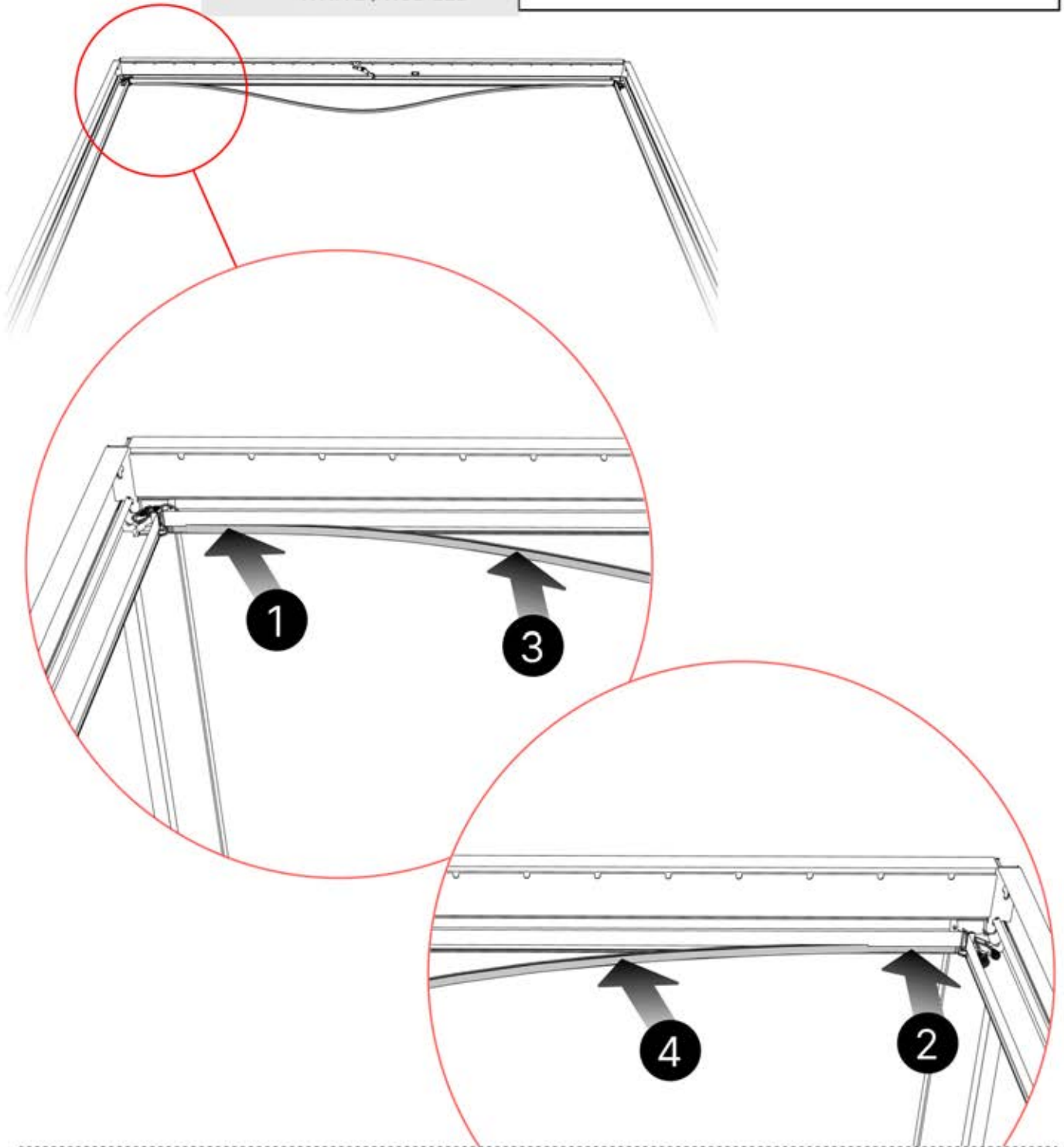
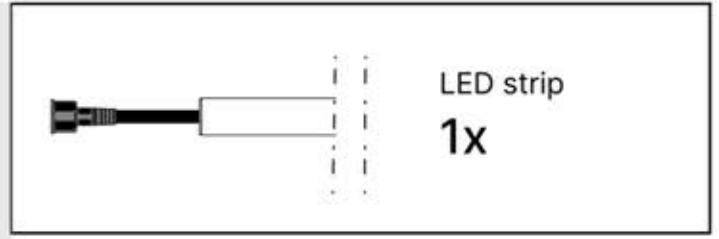
IMPORTANT INFORMATION



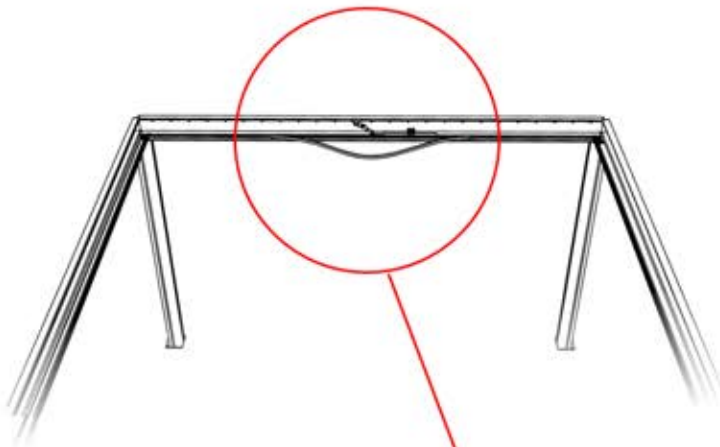
INFORMATION



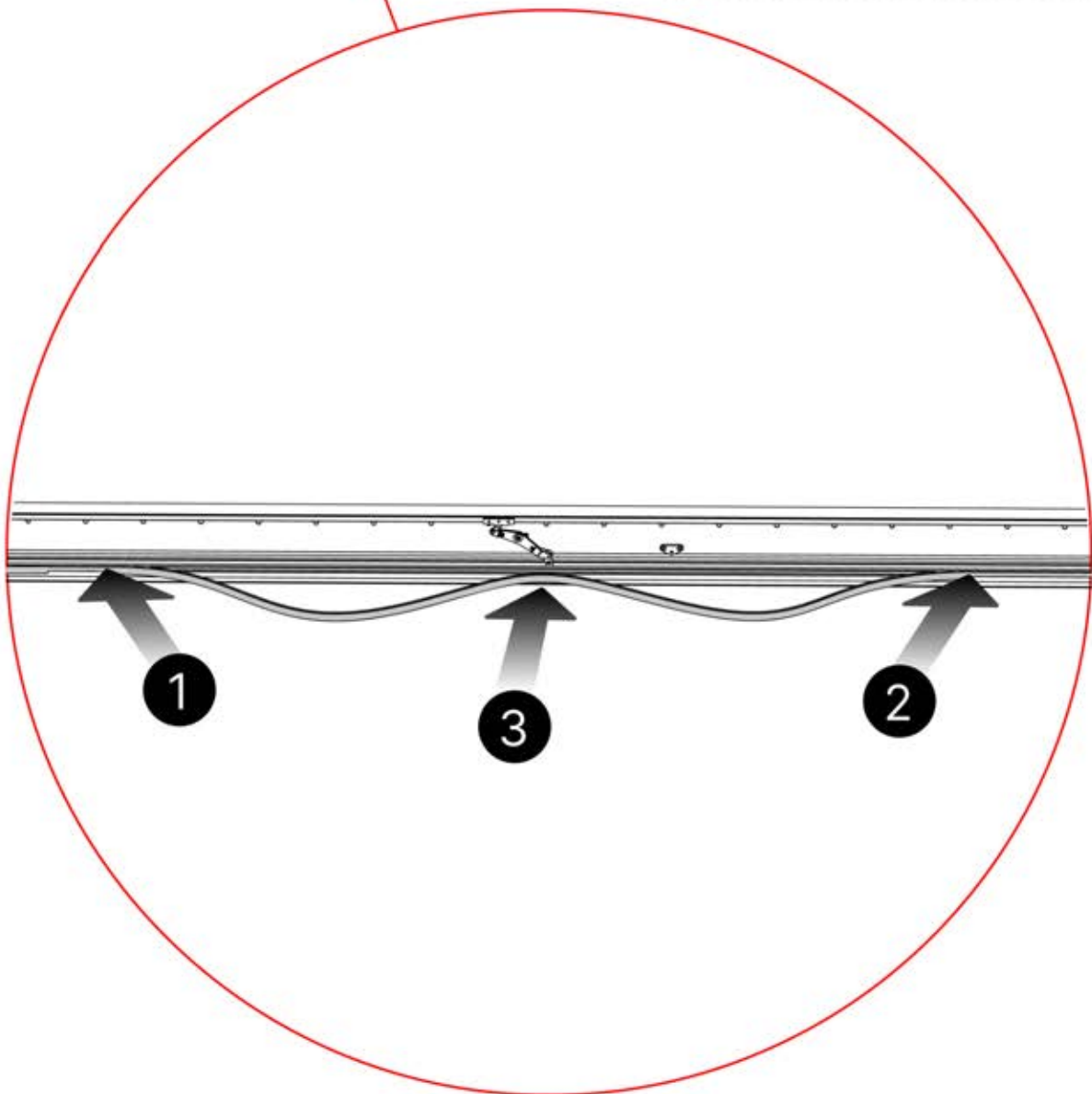
16



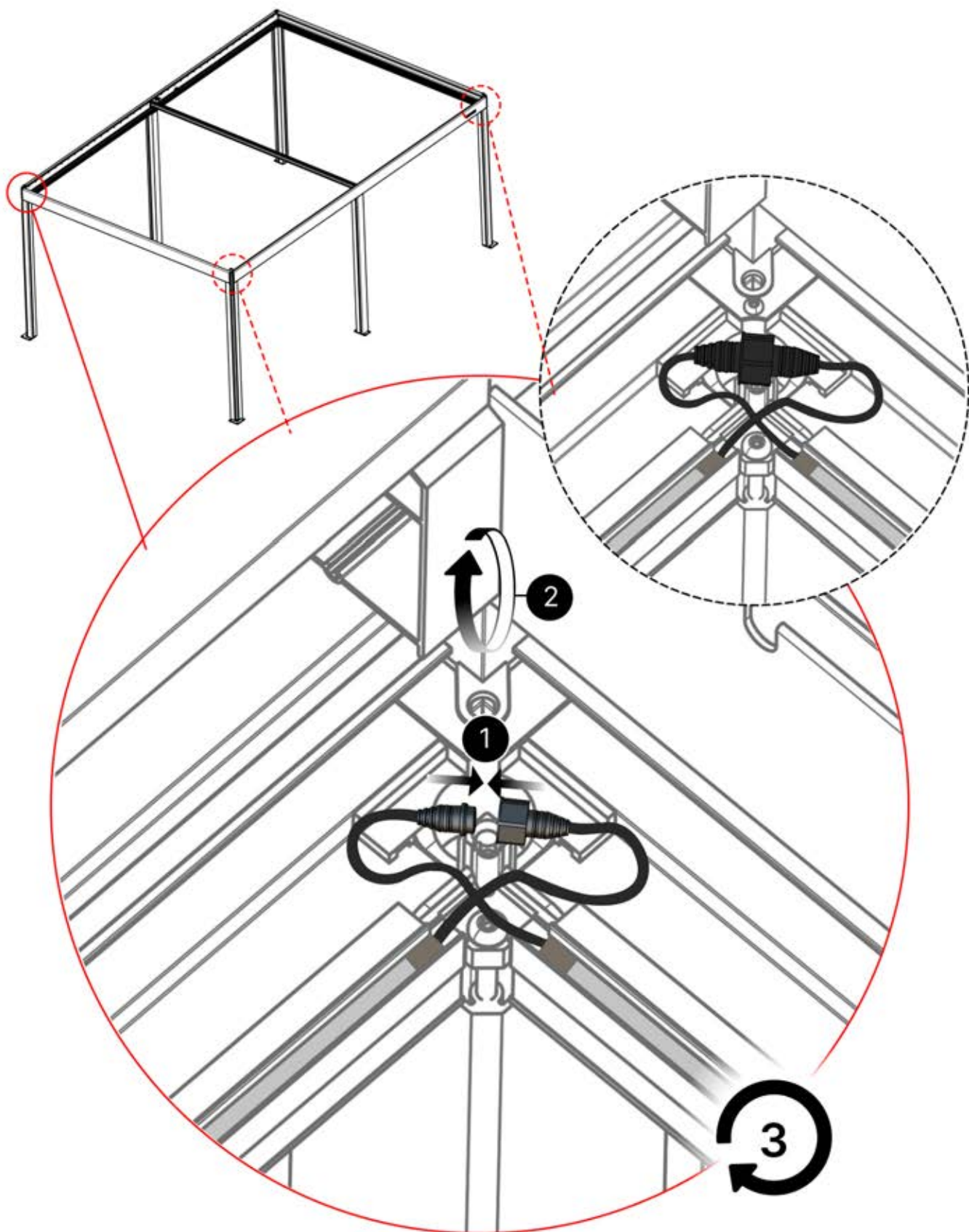
17



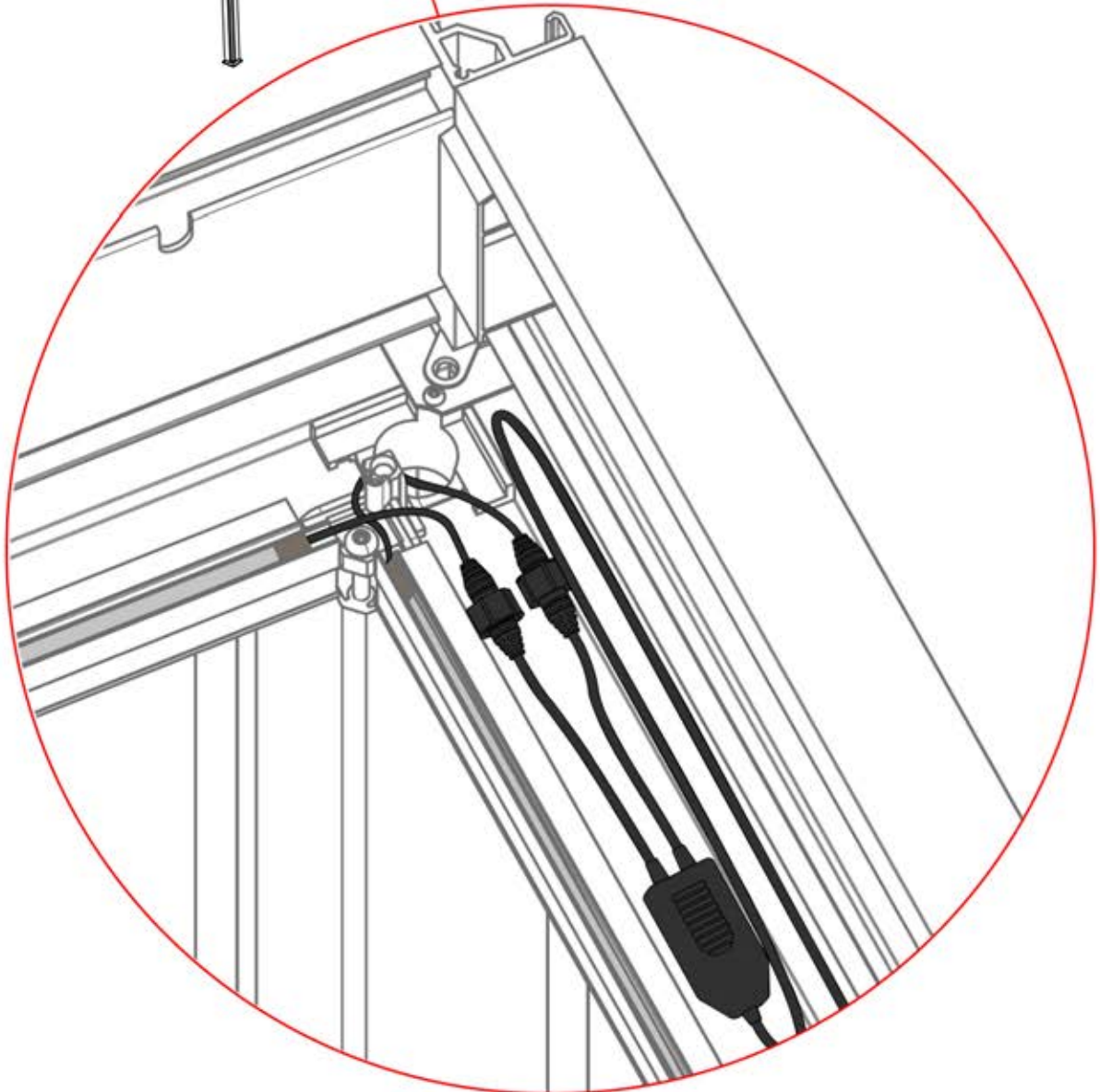
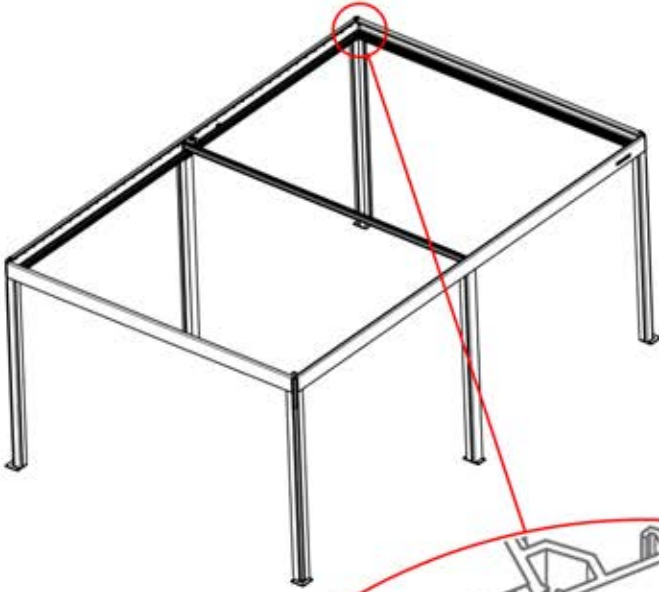
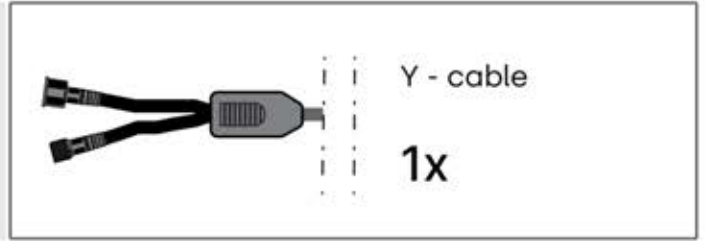
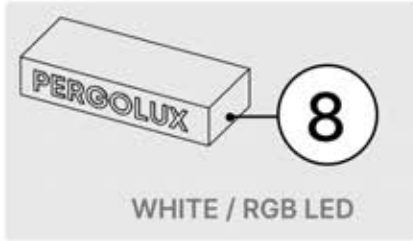
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



18



19

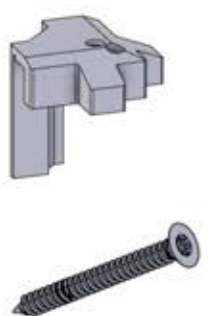


20

x1
PERGOLUX

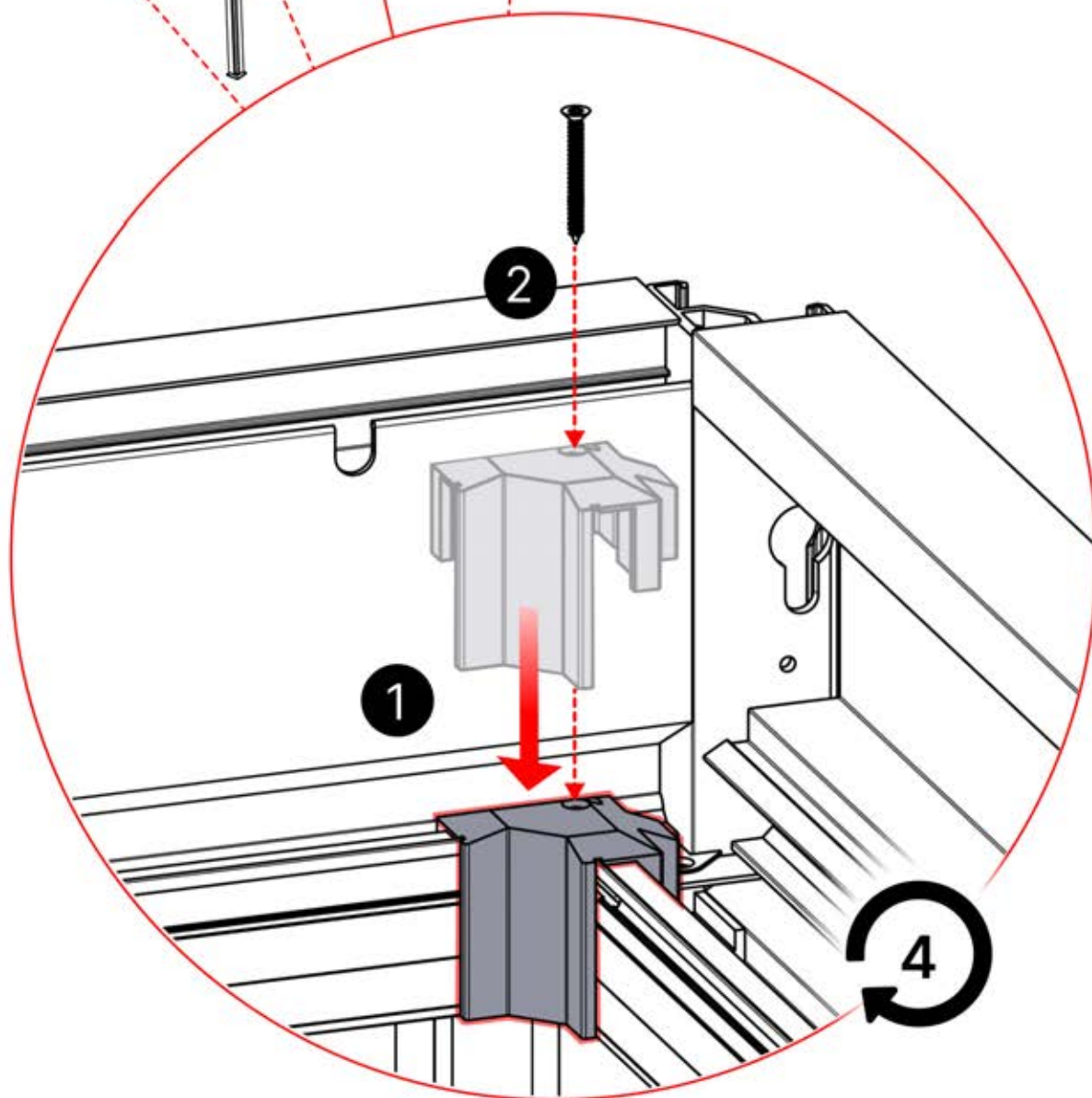
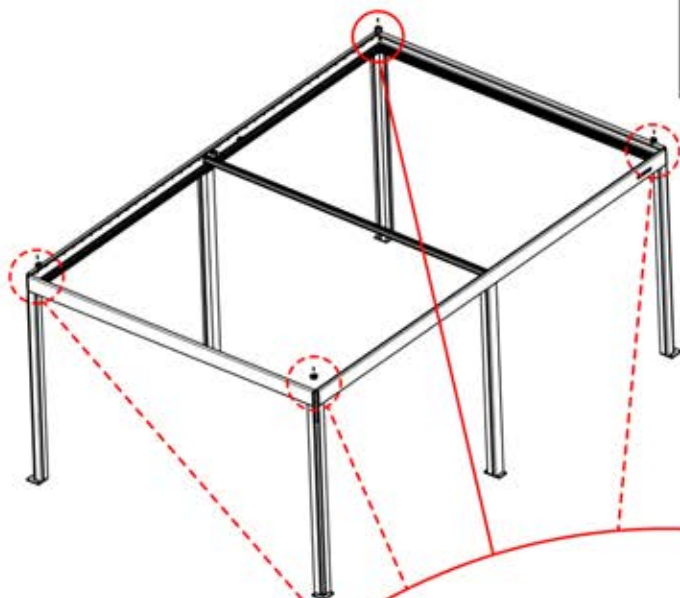
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

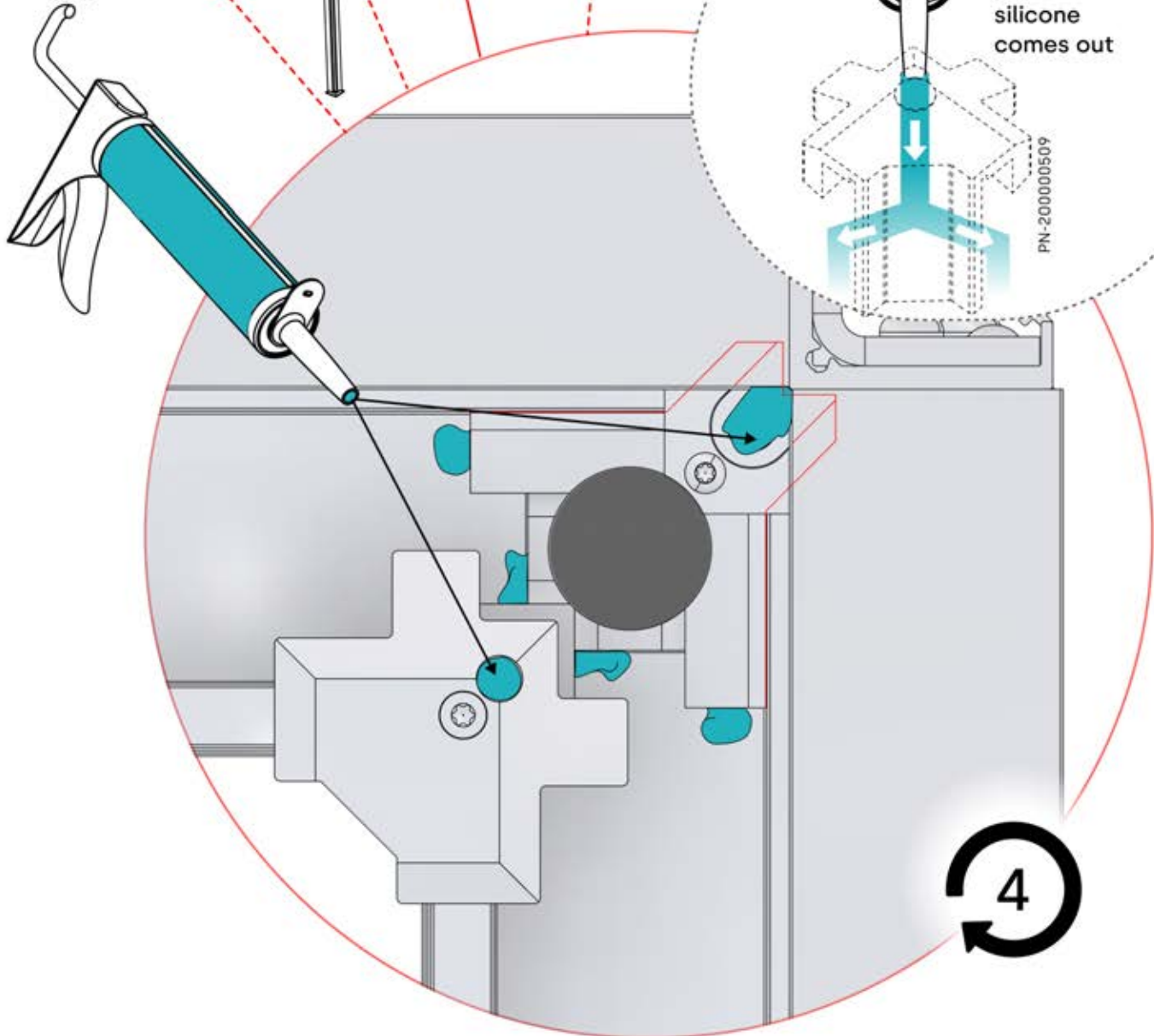
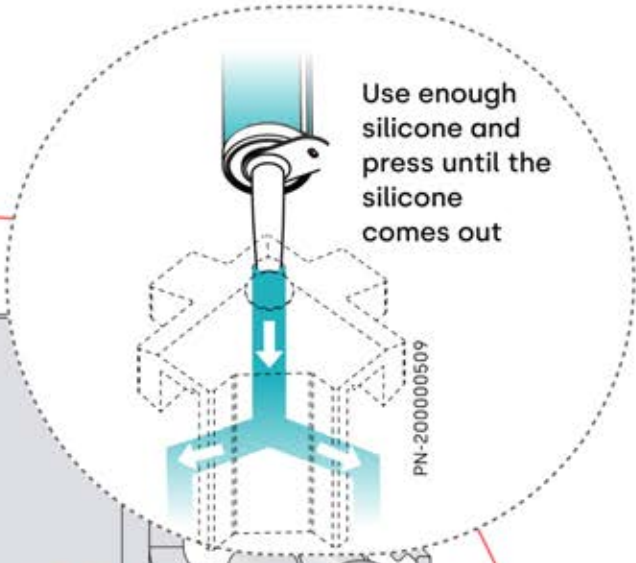
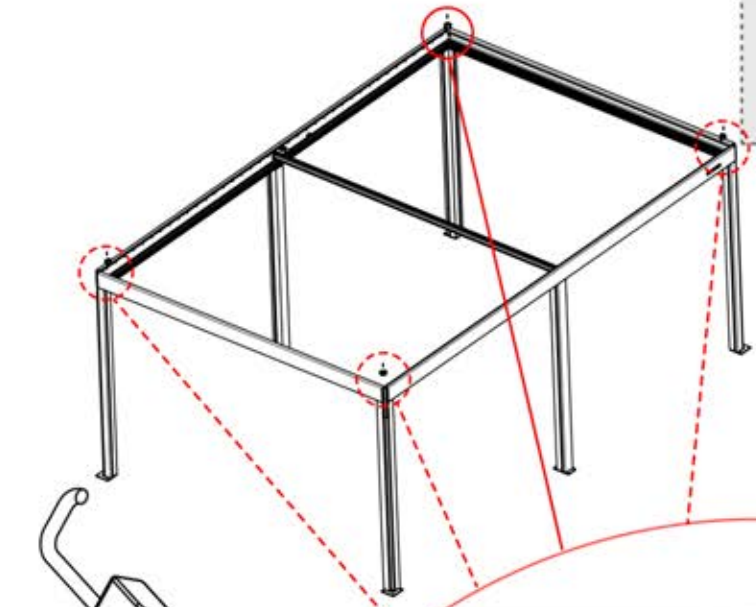


PN-200002625
4x

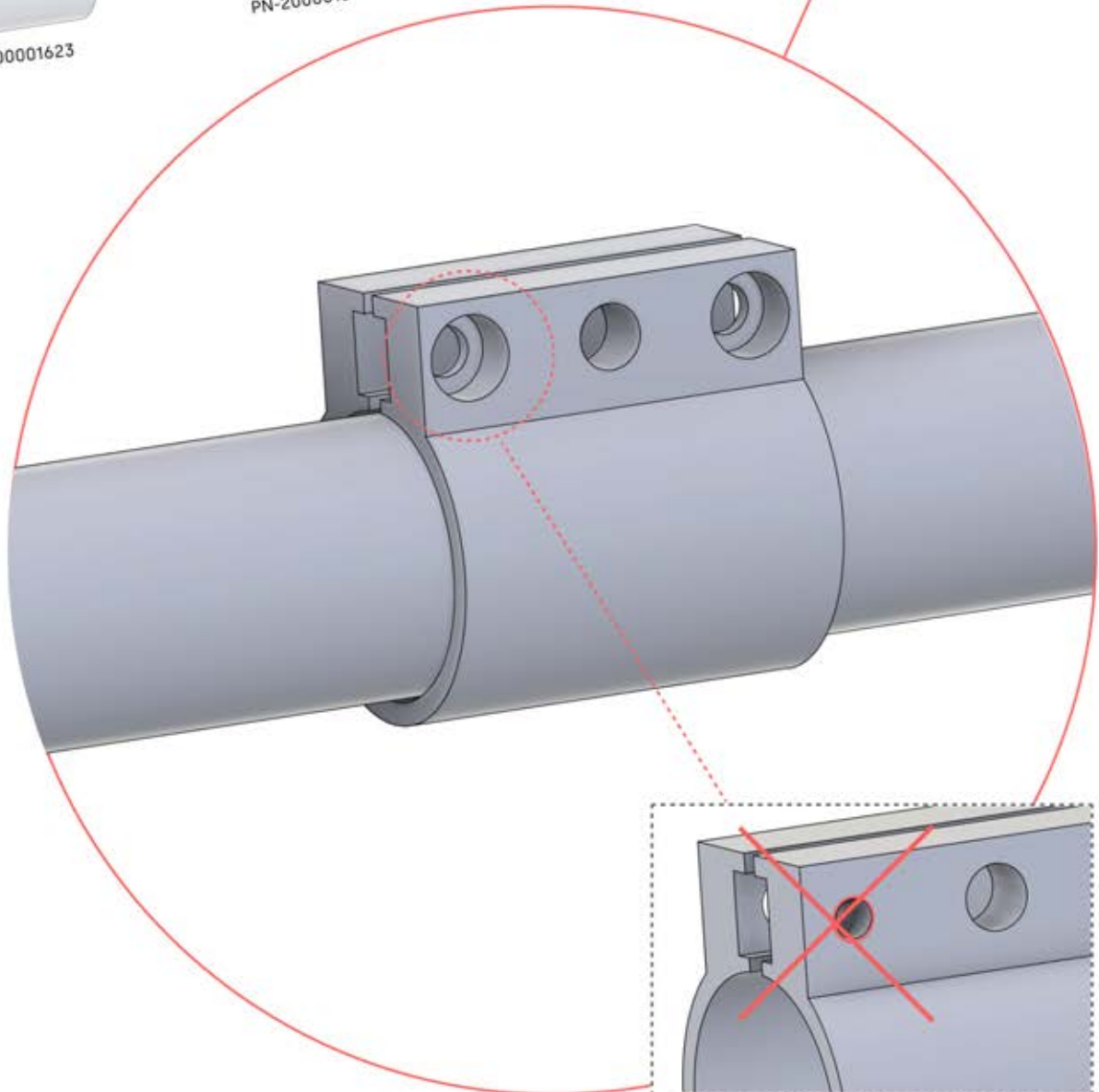
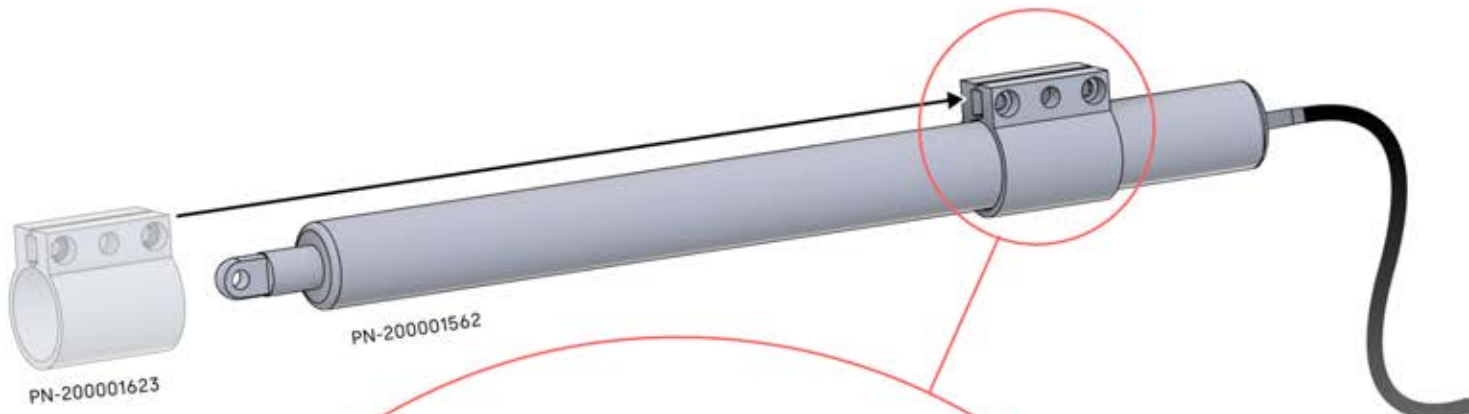
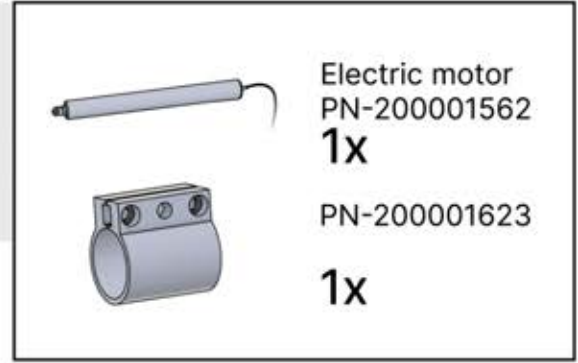
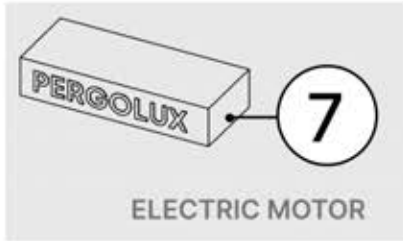
PN-200000960
4x



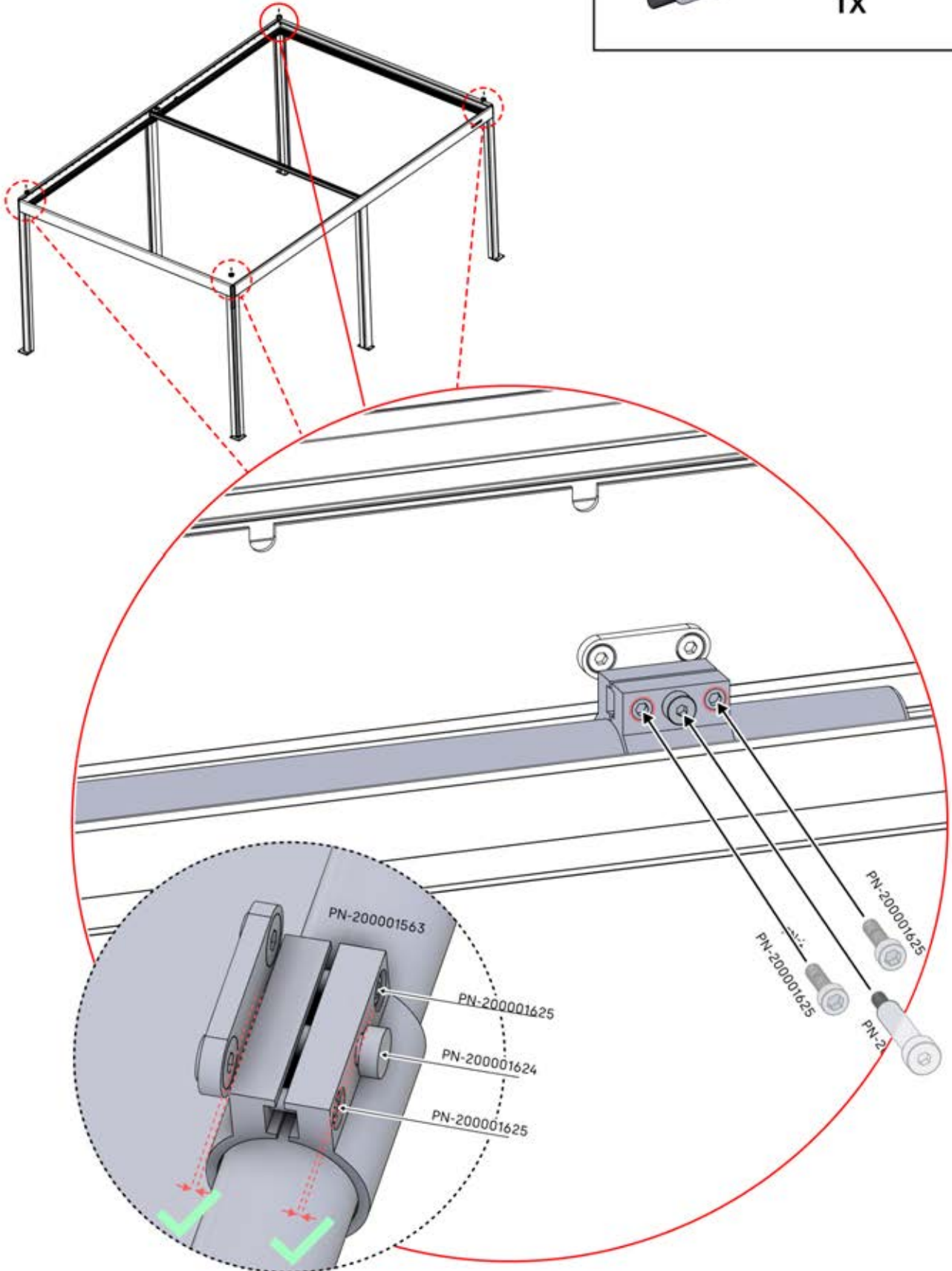
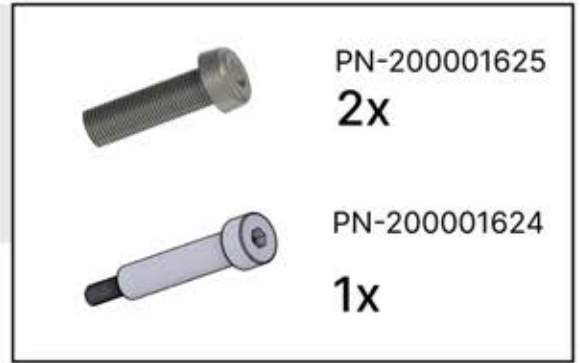
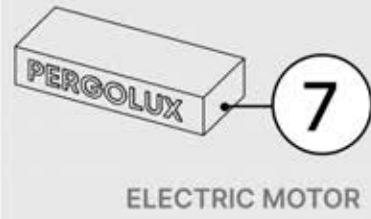
21



22



23

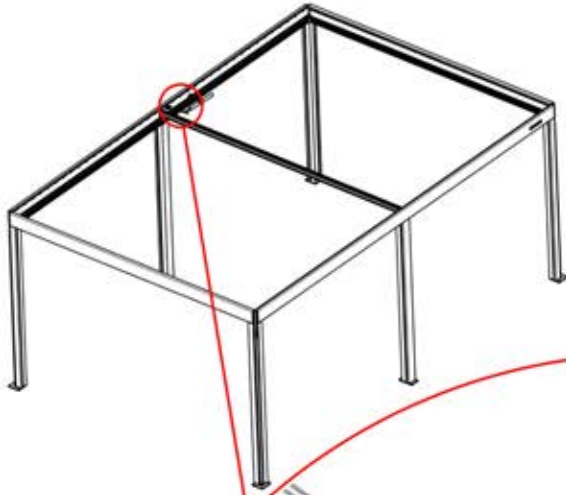


24

x1
FERGOLUX

4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

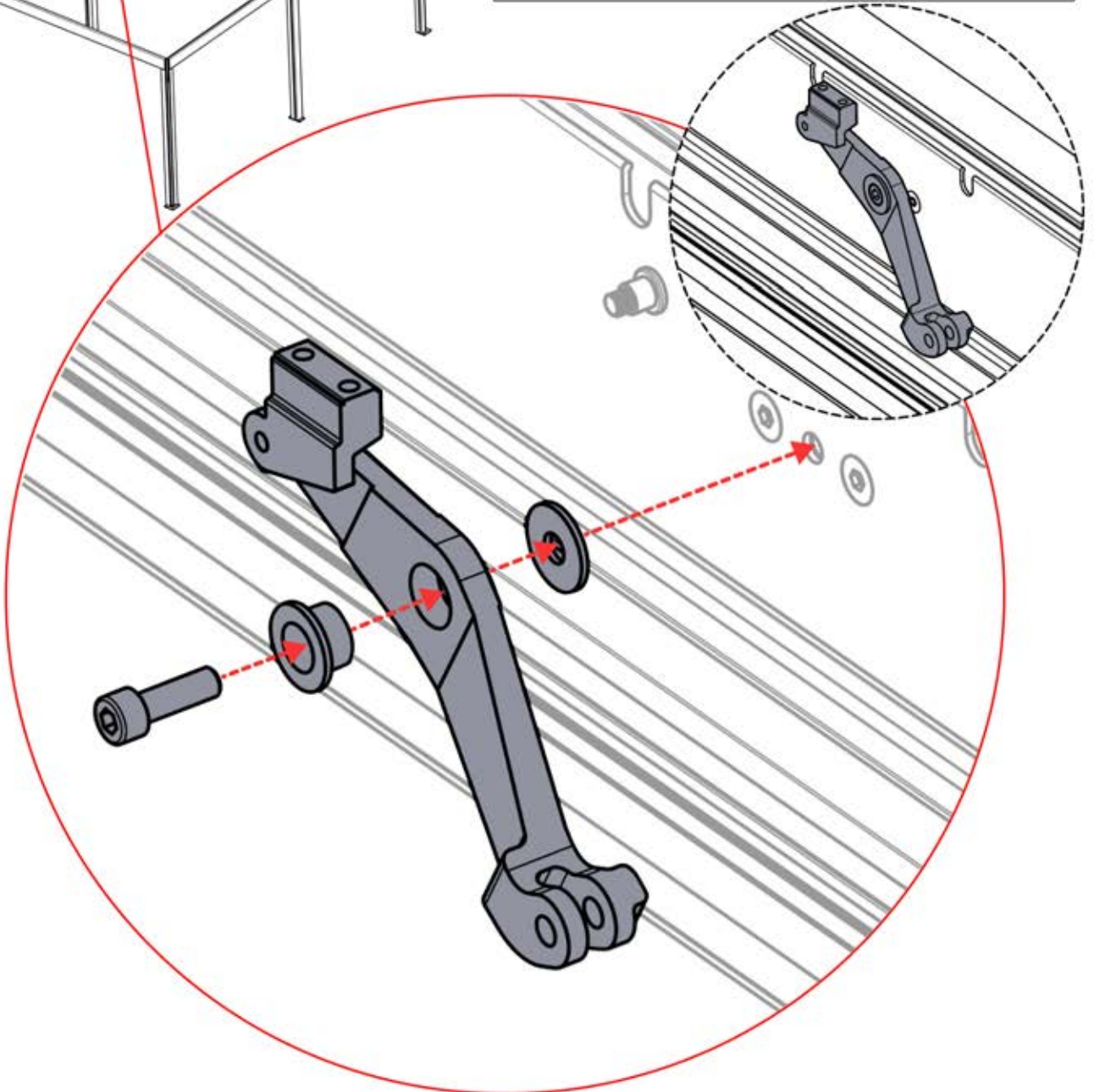


PN-200003372
1x


PN-20000502
1x


PN-200003373
1x


PN-20000561
1x




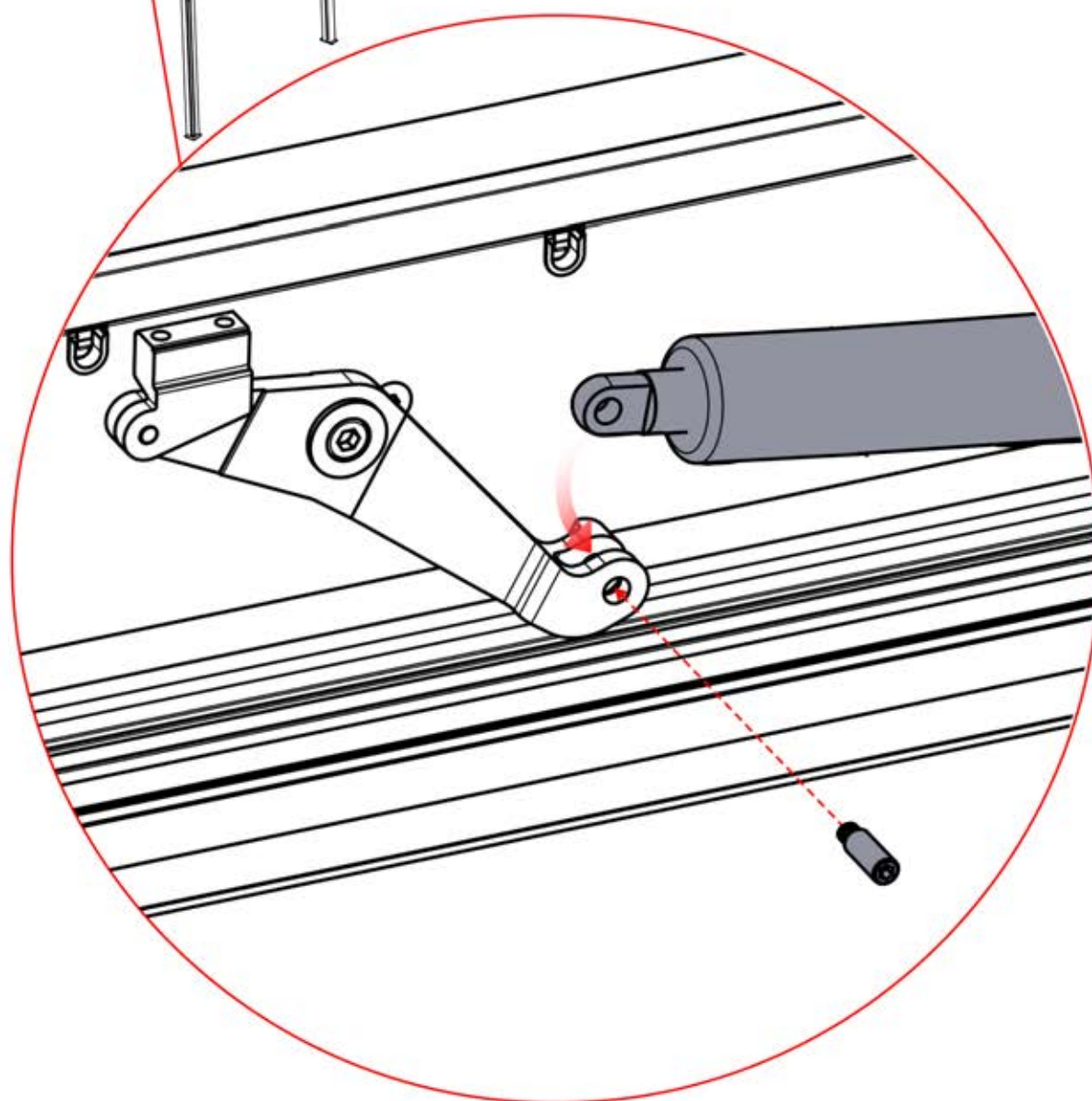
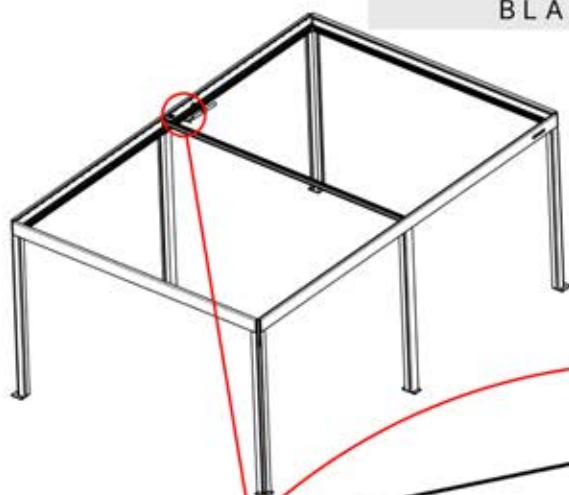
25

 **7**
ELECTRIC MOTOR

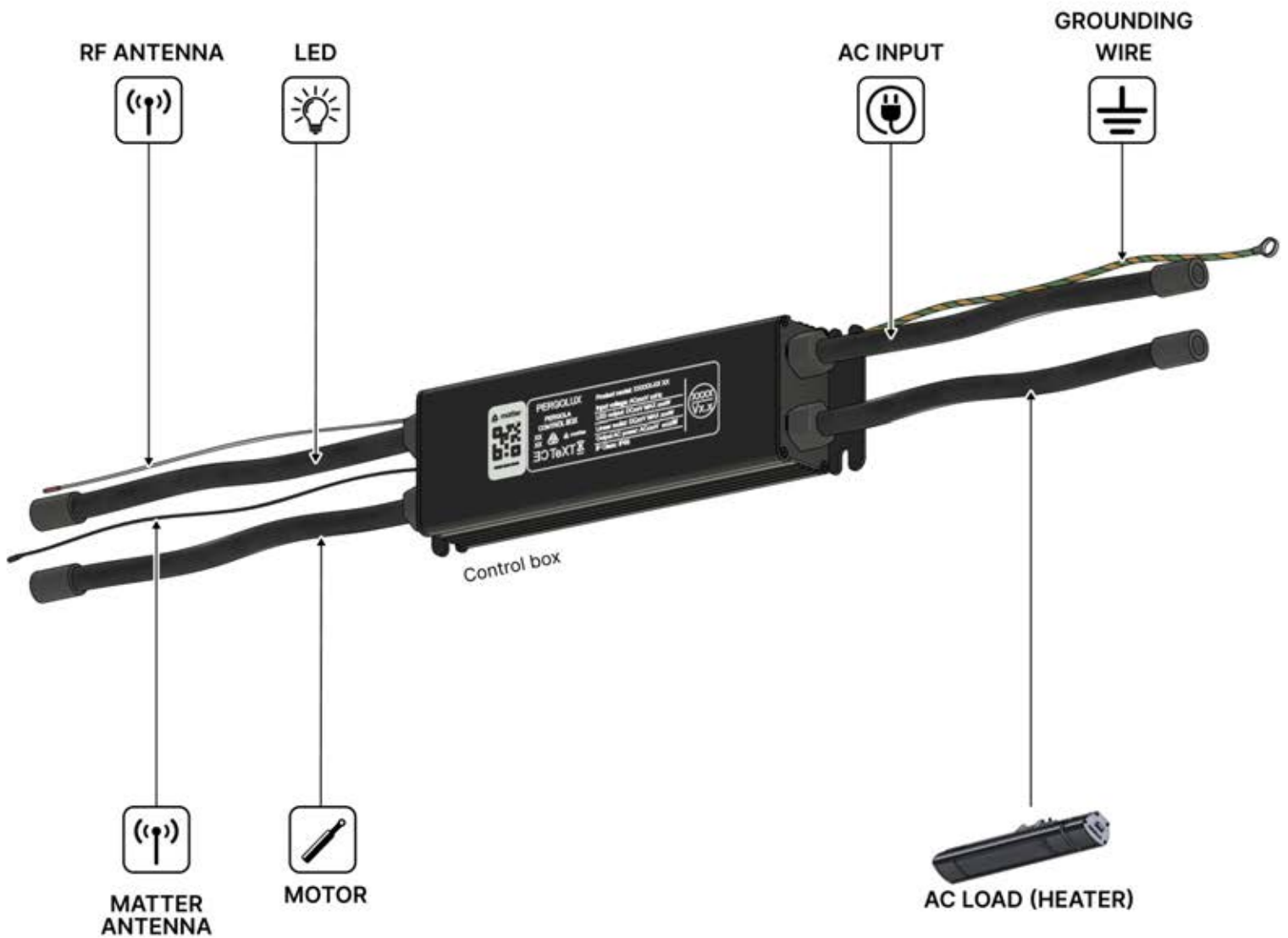
 **4**
ANTHRACITE: B235
WHITE: B243
BLACK: B239

 PN-200001562
1x

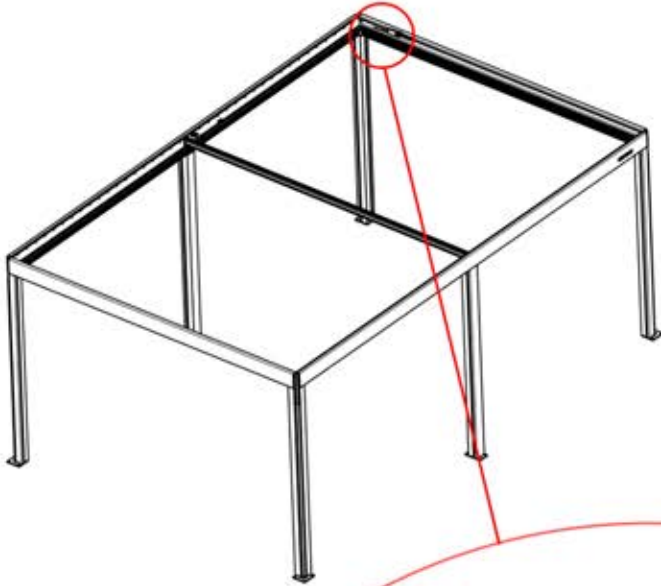
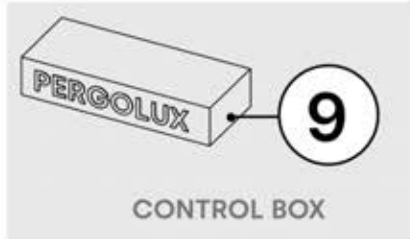
 PN-200001946
1x



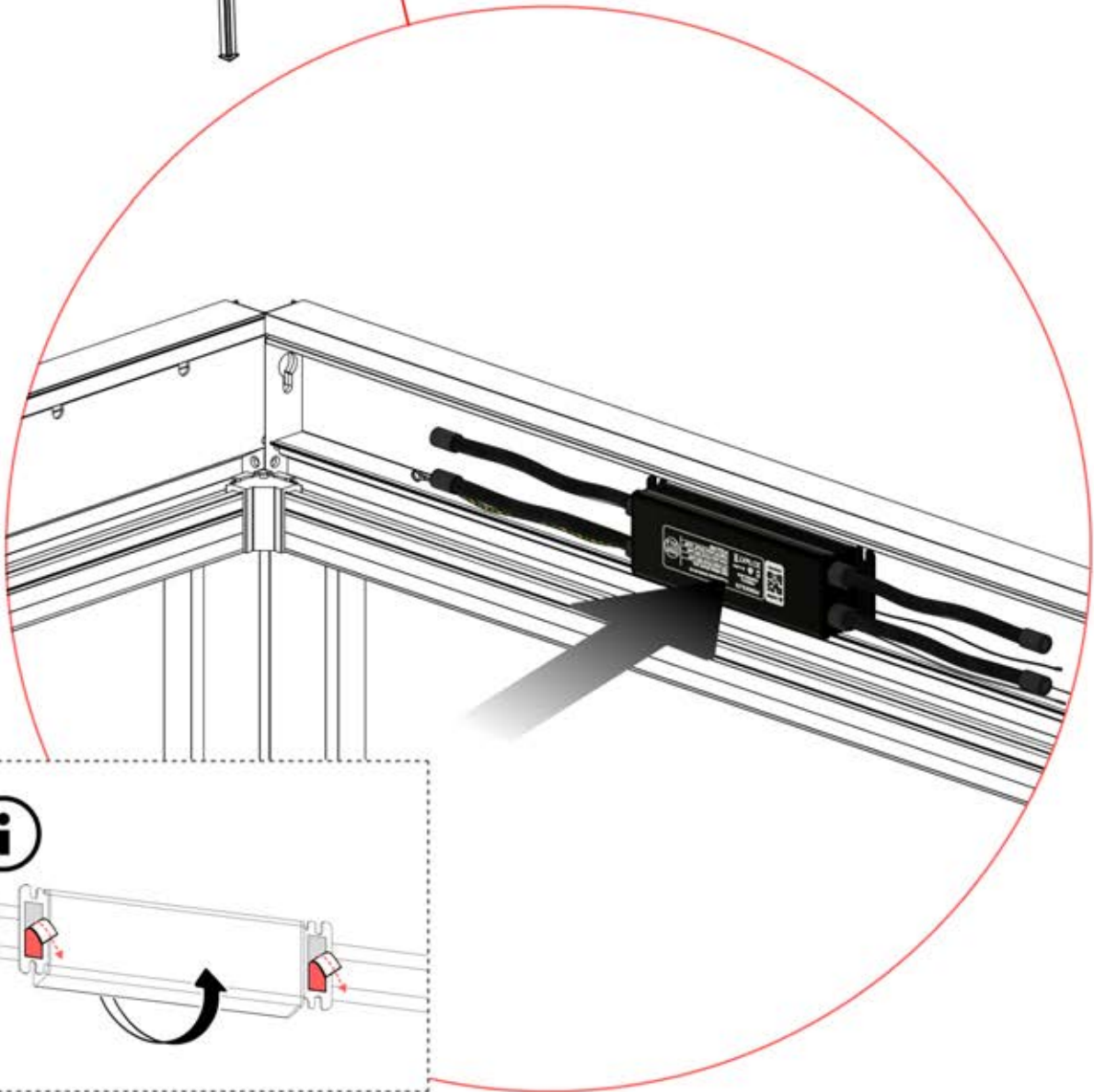
INPUTS AND OUTPUTS



26



!
Control Box can be
installed on
Preferred W BEAM



27



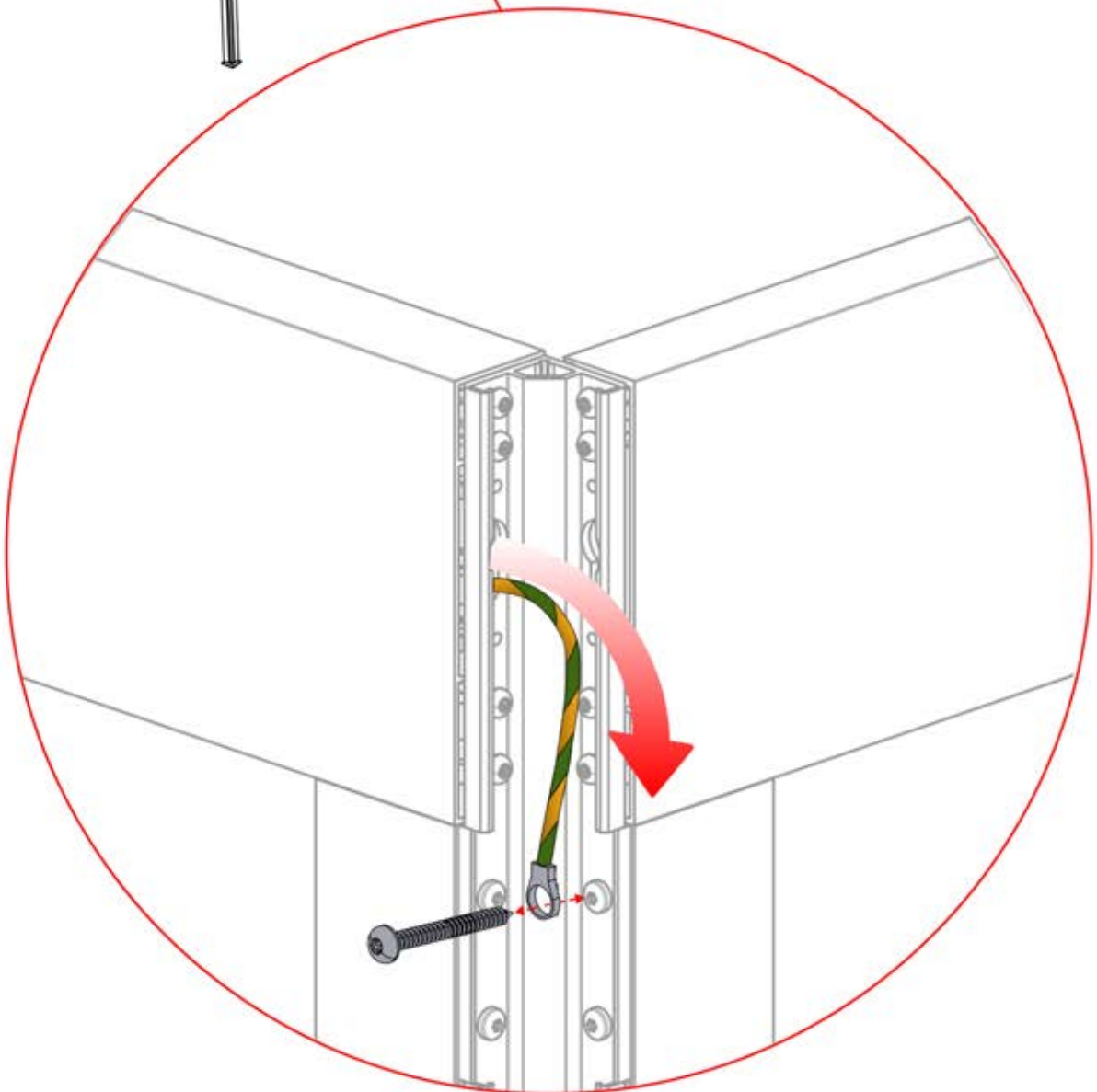
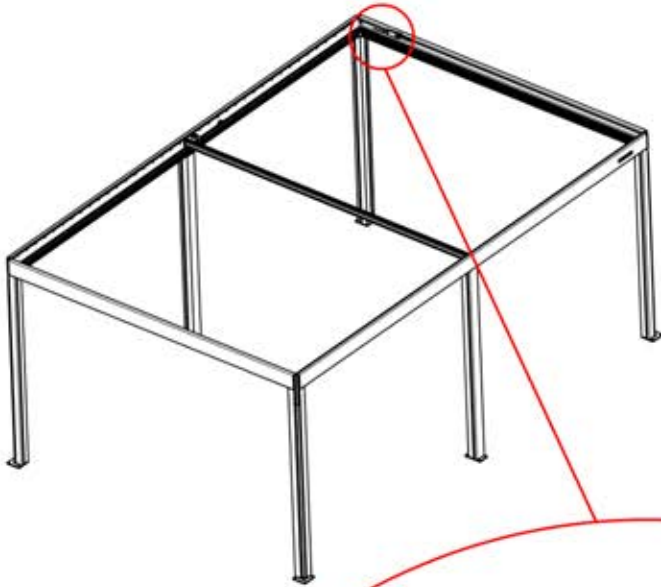
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

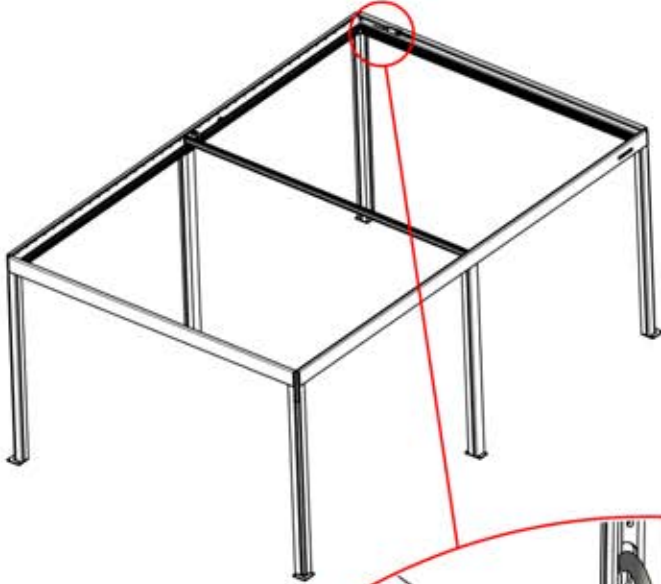
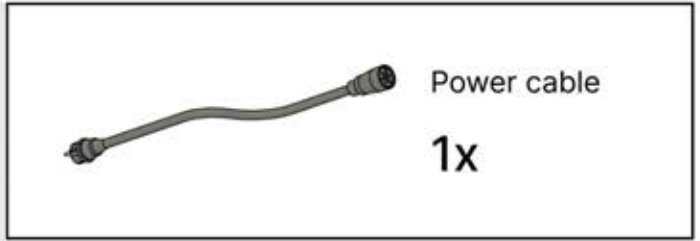
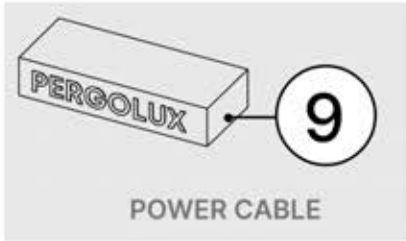


PN-200000568

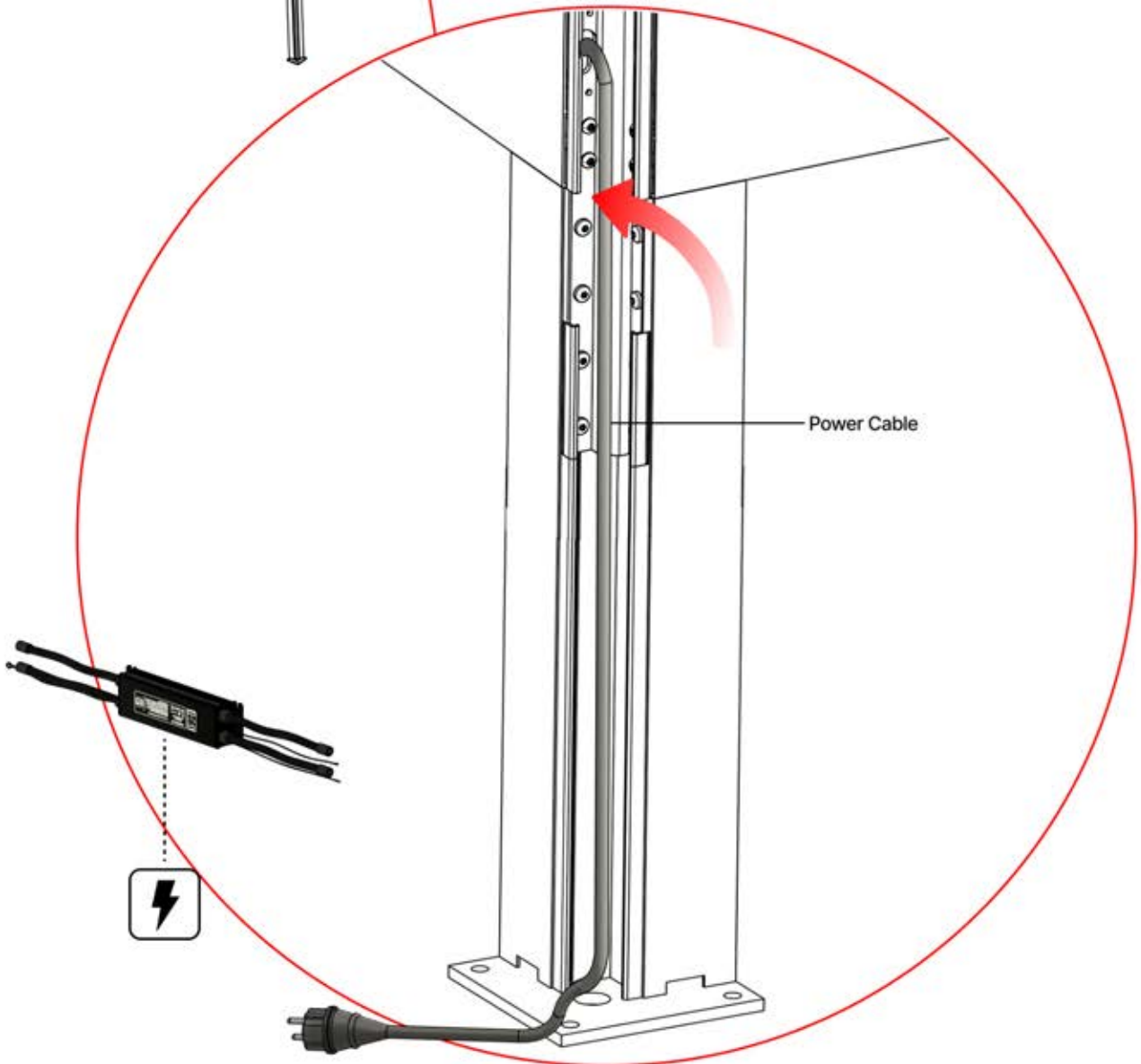
1x



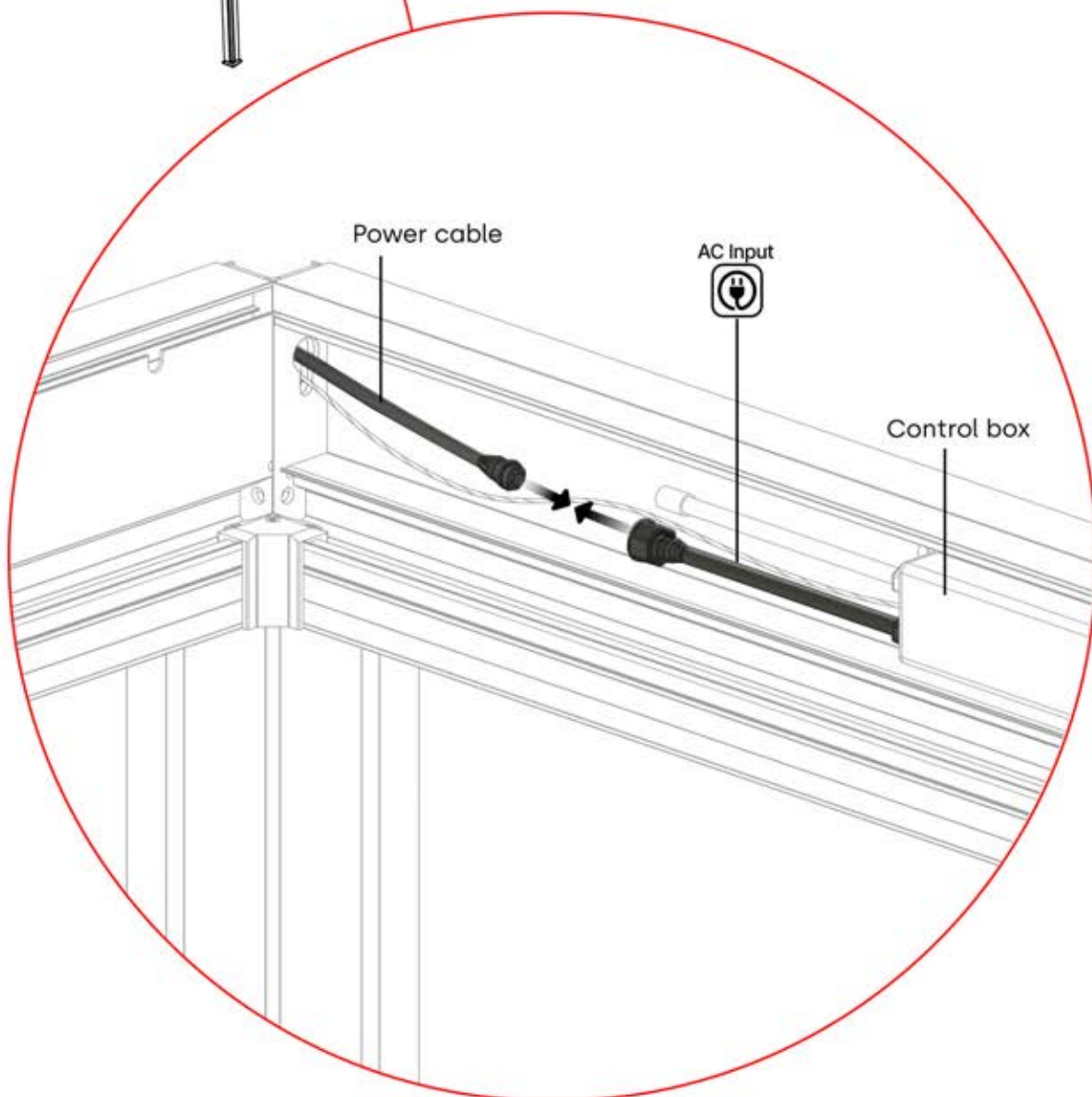
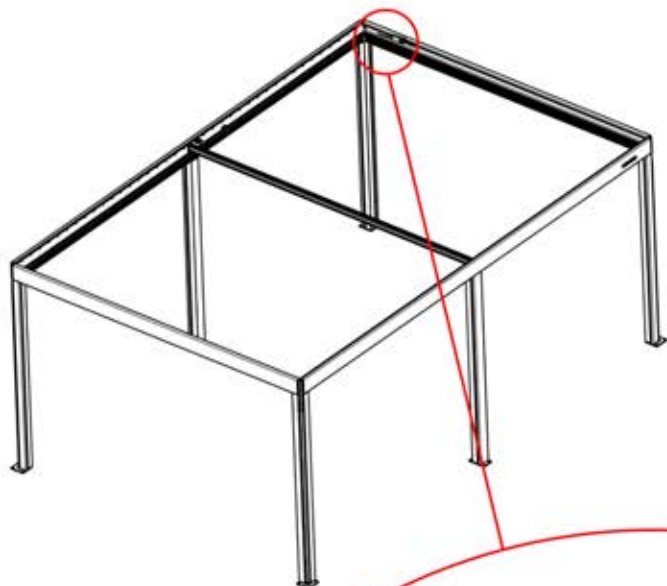
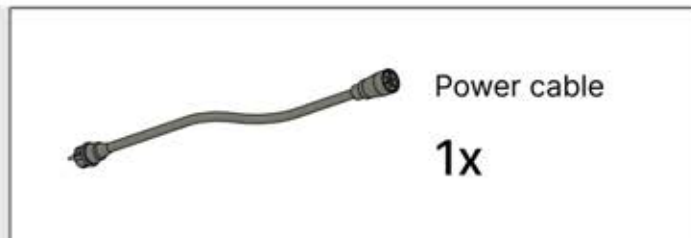
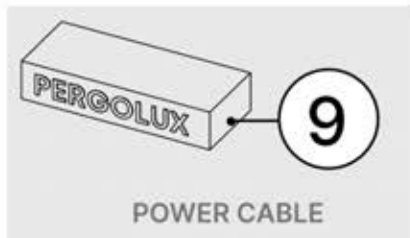
28



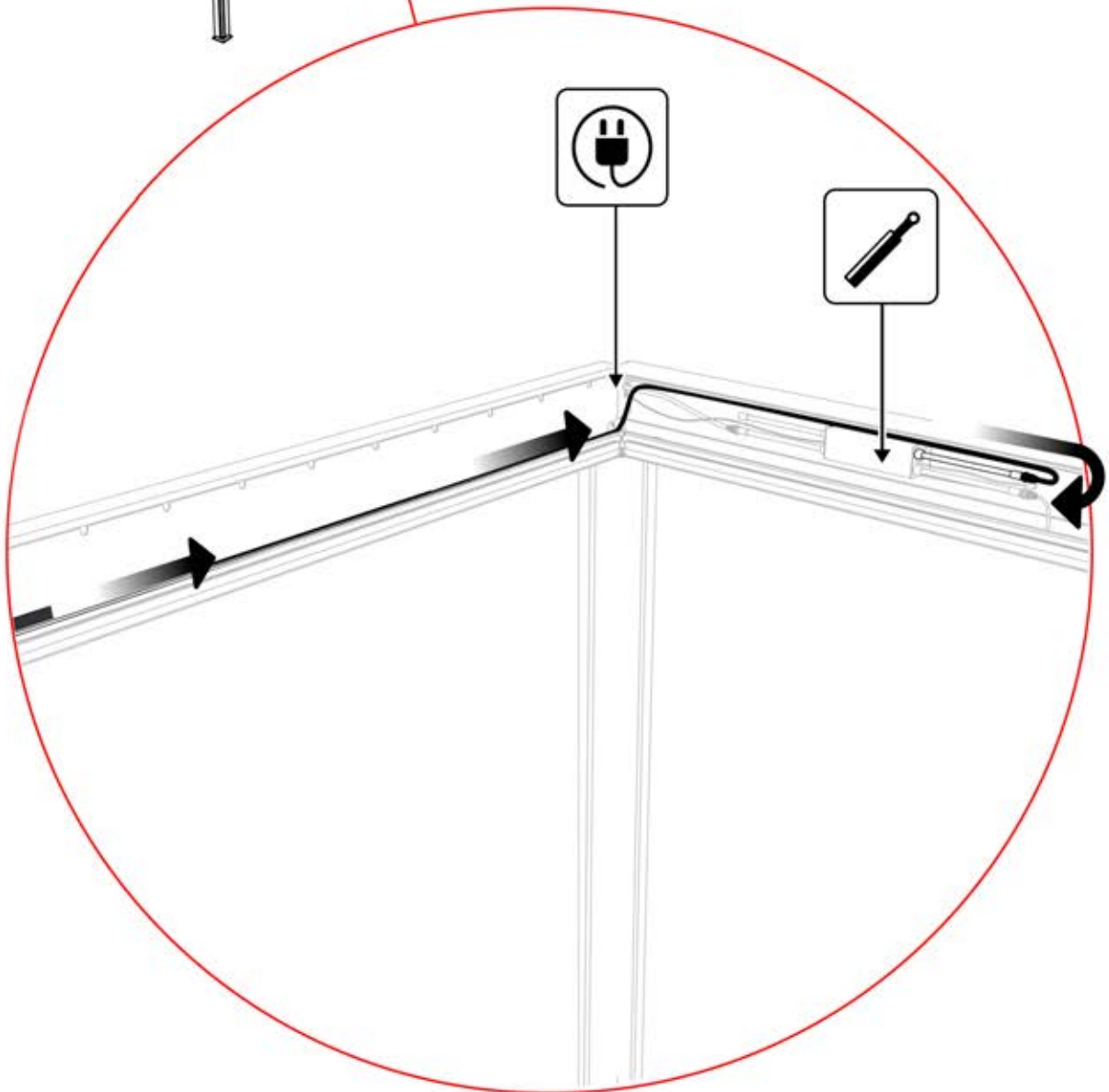
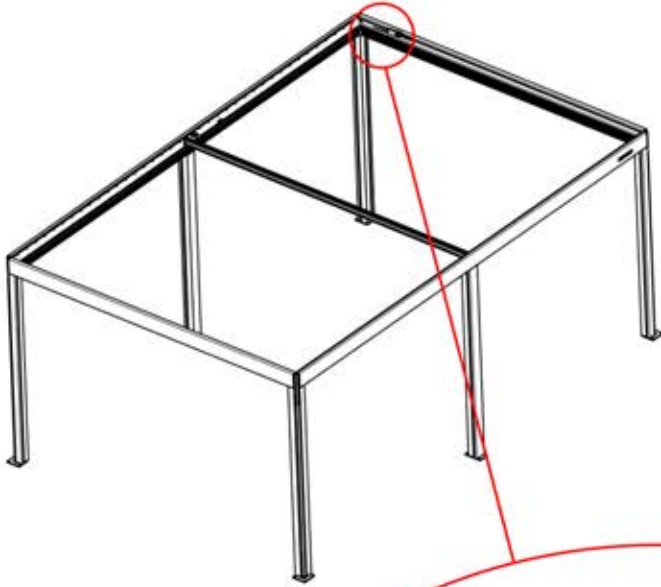
!
Power Cable can be
routed through all
the Poles.



29



30

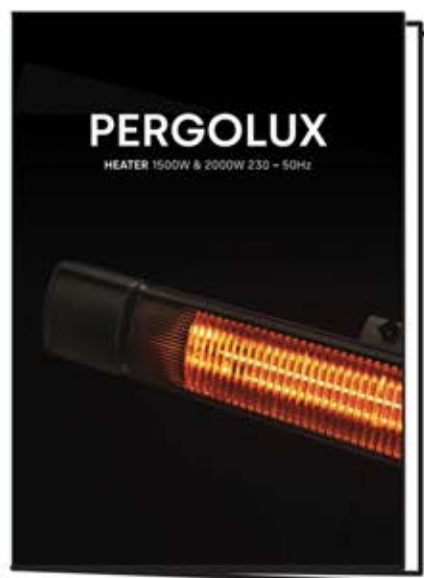


31

1

If you are going to install a heater, do it now.

Follow the instructions in the heater assembly manual.



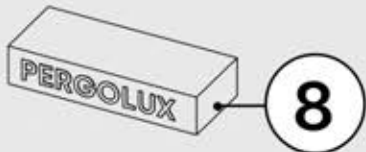
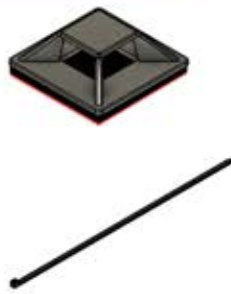
2

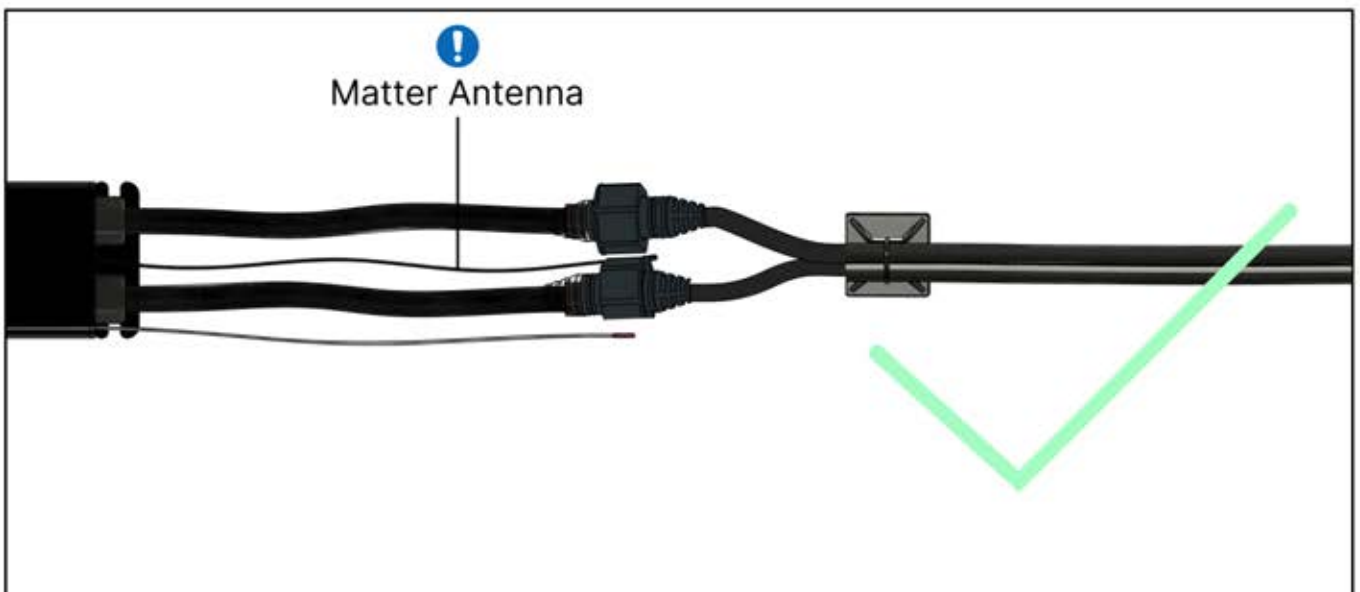
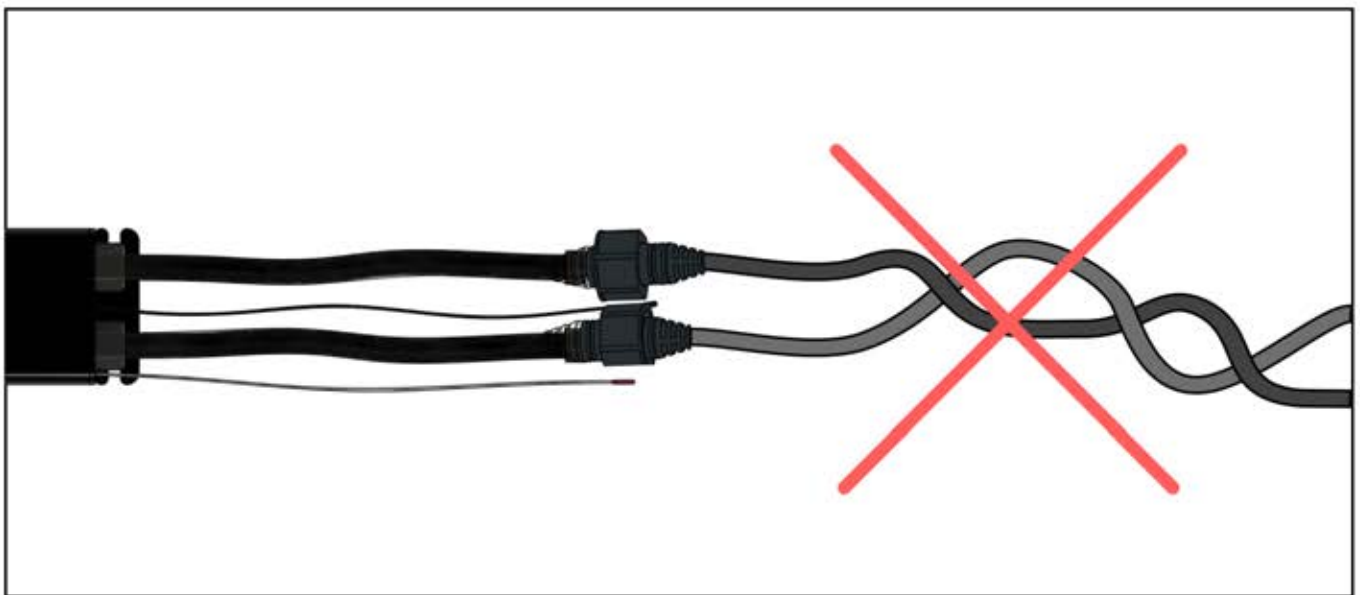
It's time to PAIR the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



32

 <p>CONTROL BOX</p>	S4	PN-200002683 5x
<p>⚠ Keep the Matter Antenna wire free and do not tie them with LED and Motor wire</p>		PN-200002684 10x



33



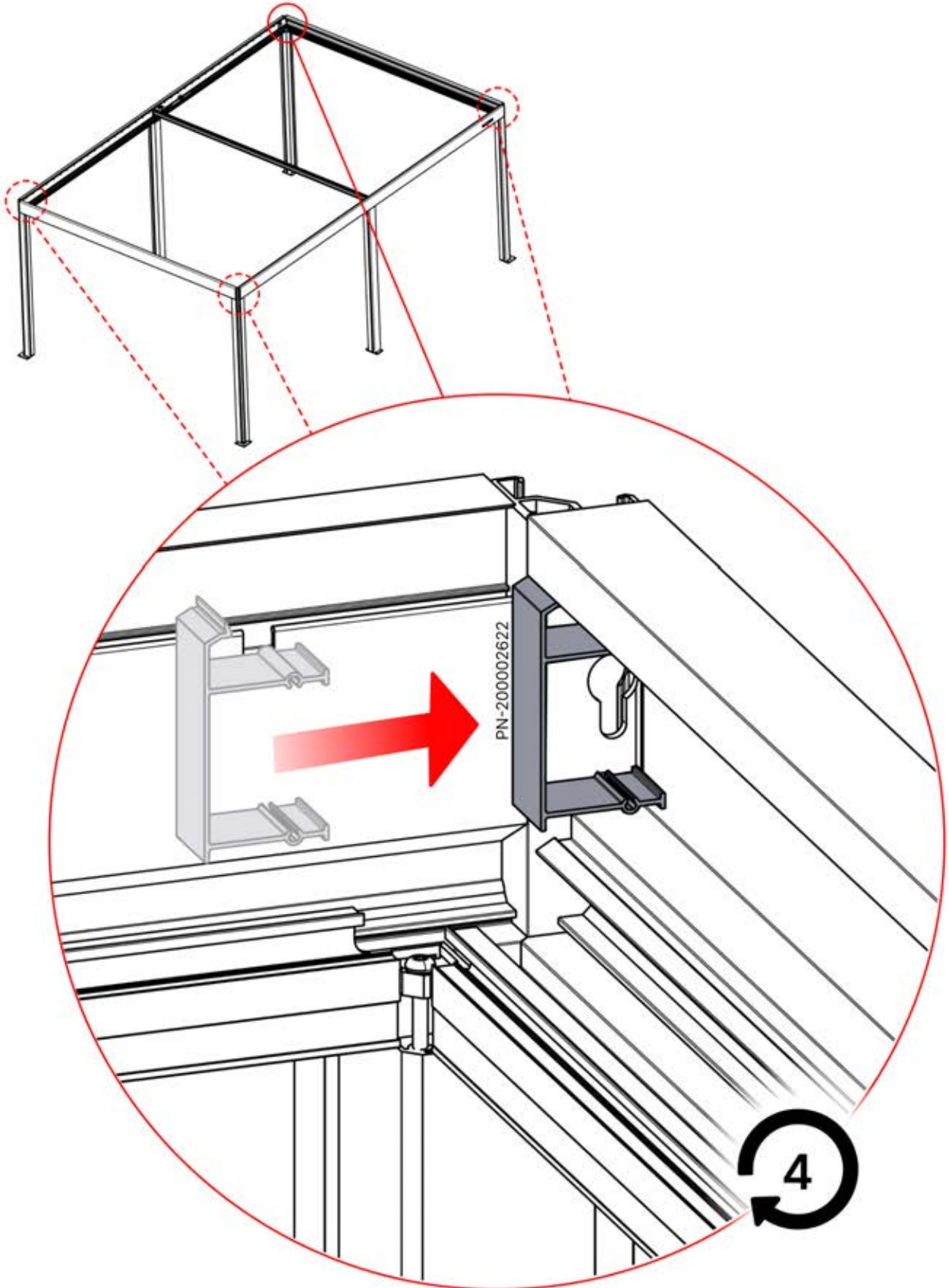
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200002622

4x



34

x1
PERGOLUX

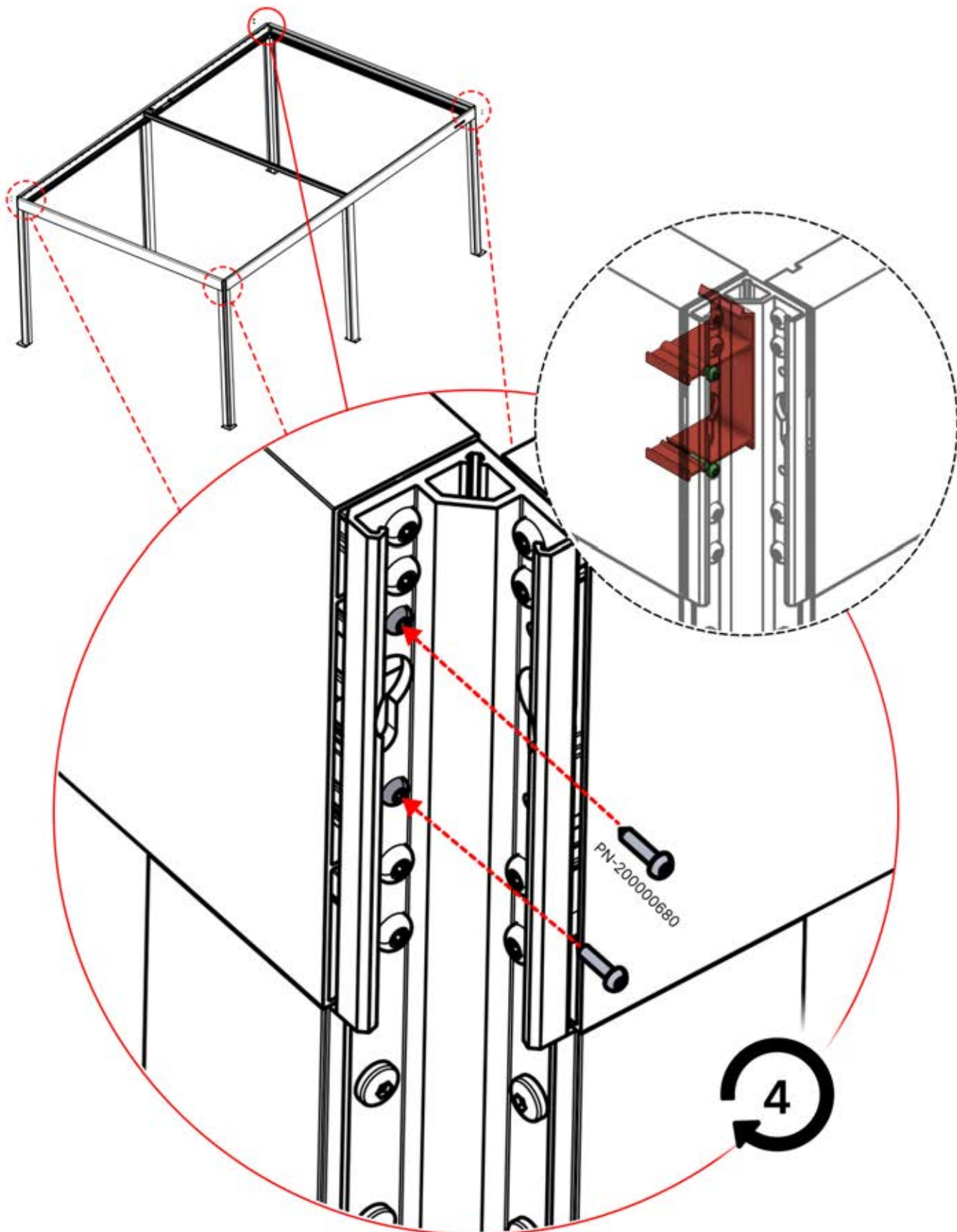
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

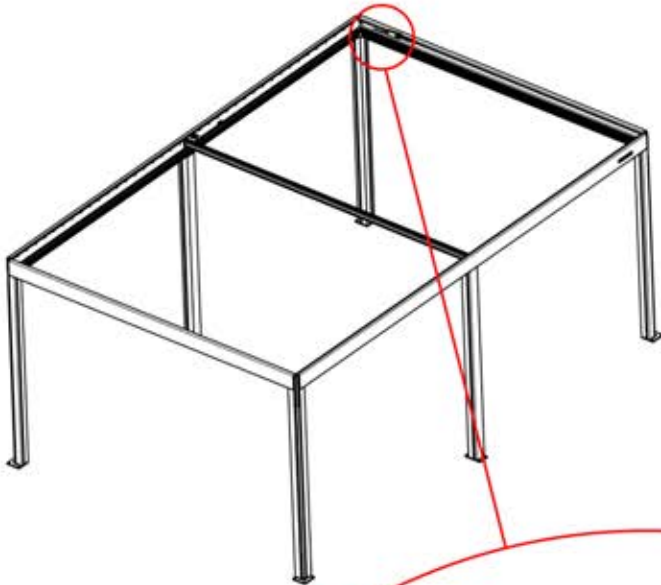
4.2X20

PN-20000680

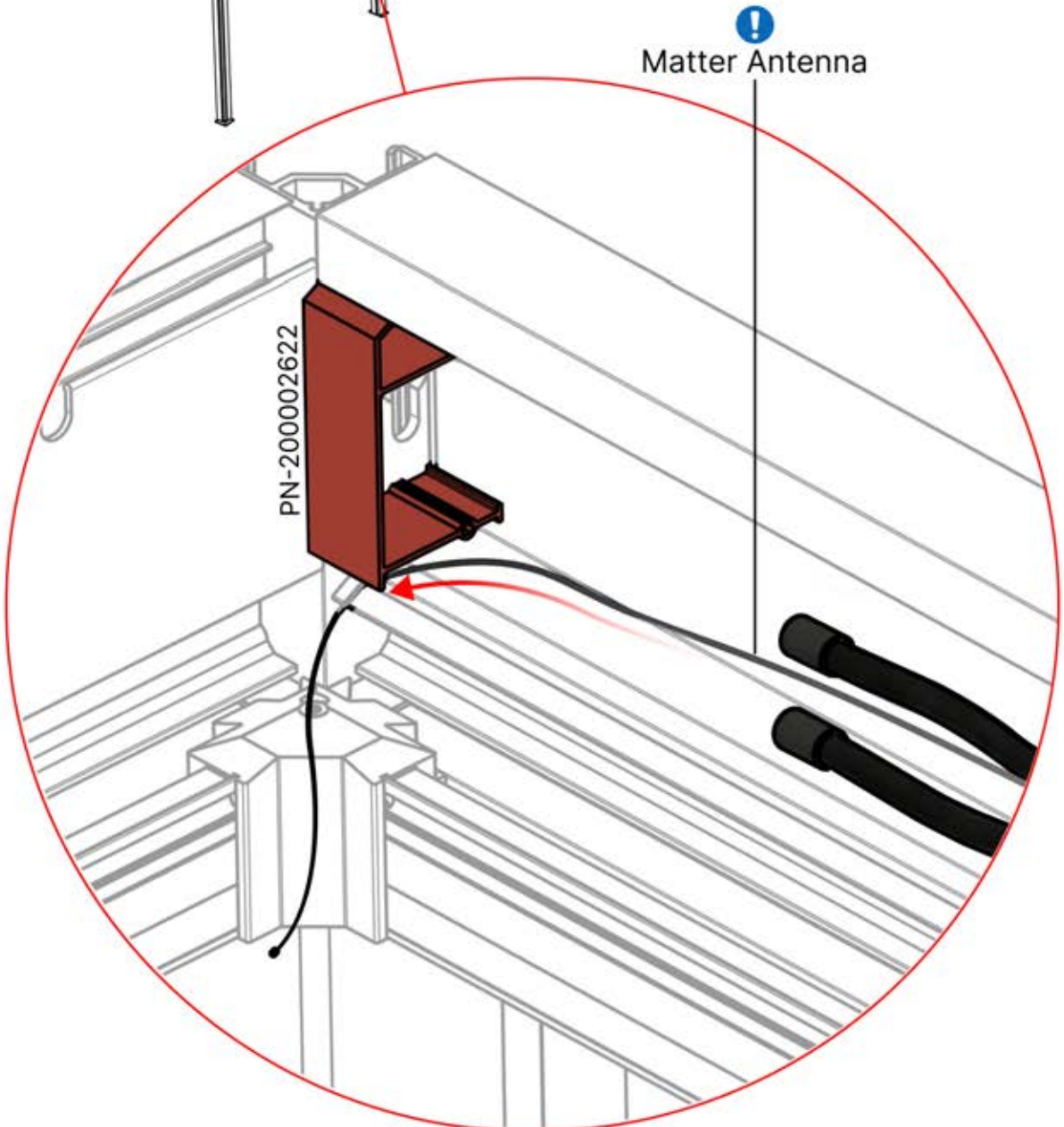
8x



35





Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).





Matter Antenna

INFORMATION




5

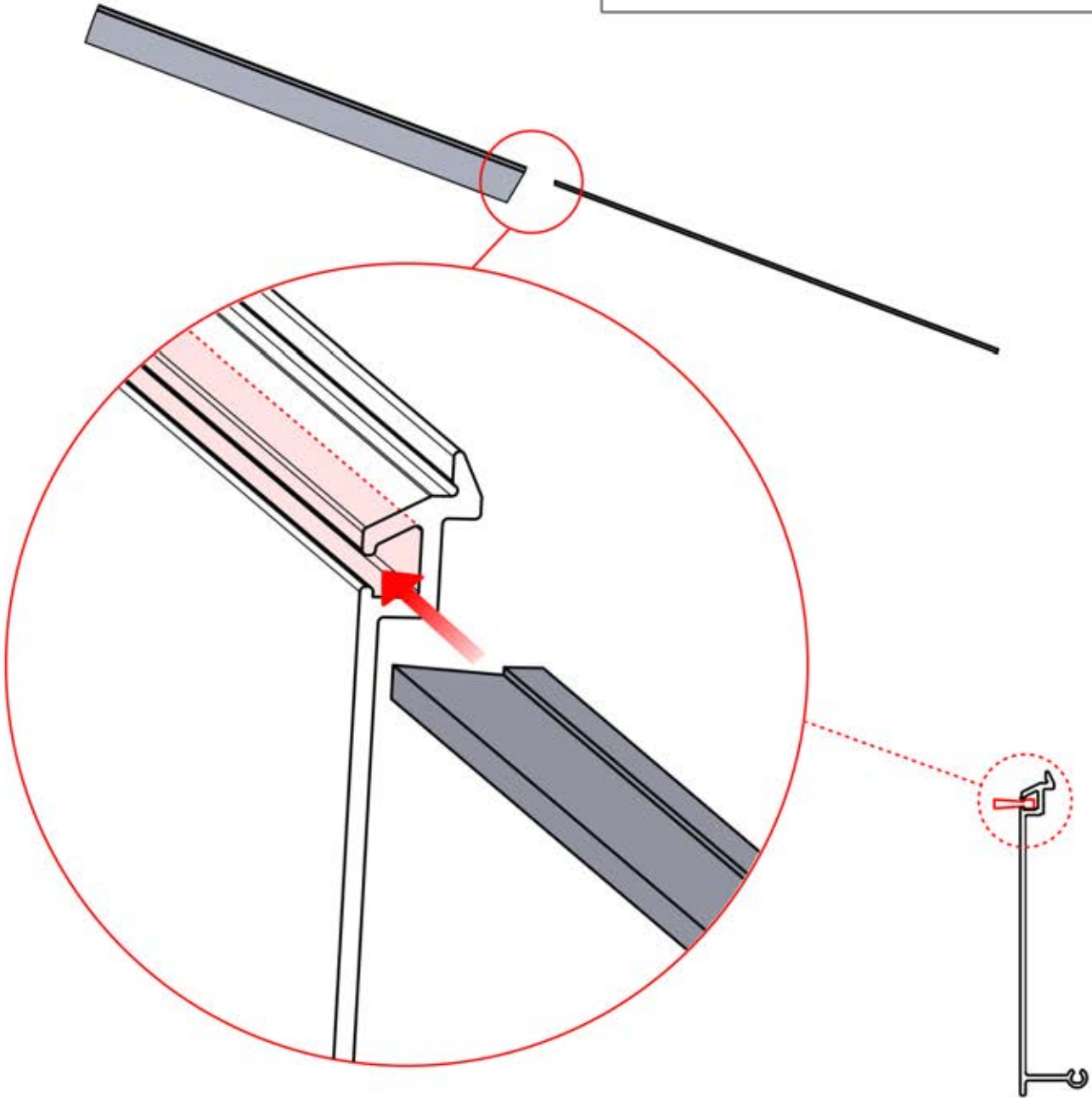
ANTHRACITE: B256
WHITE: B260
BLACK: B258



PN-200003554
2x



PN-200003397
2x




36

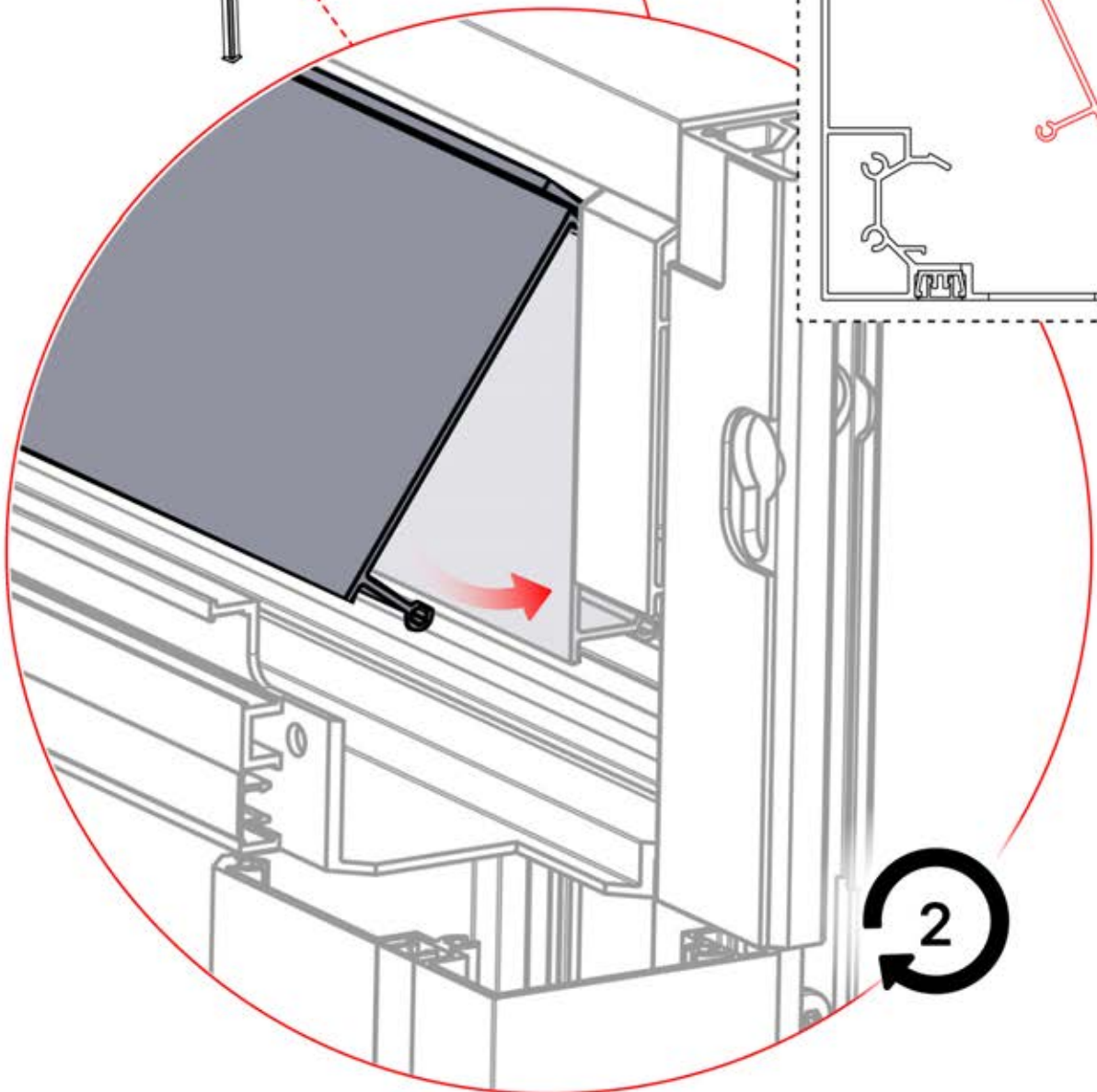
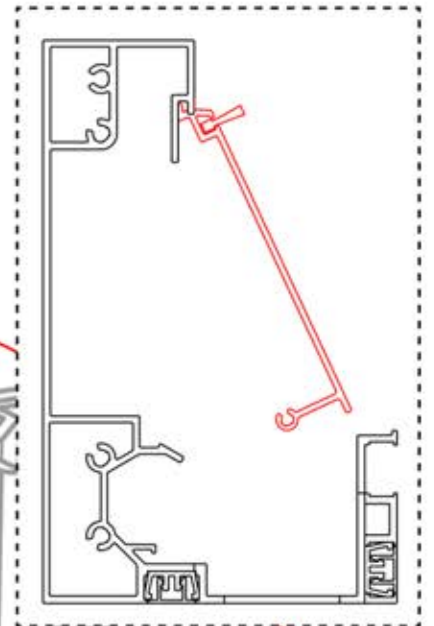
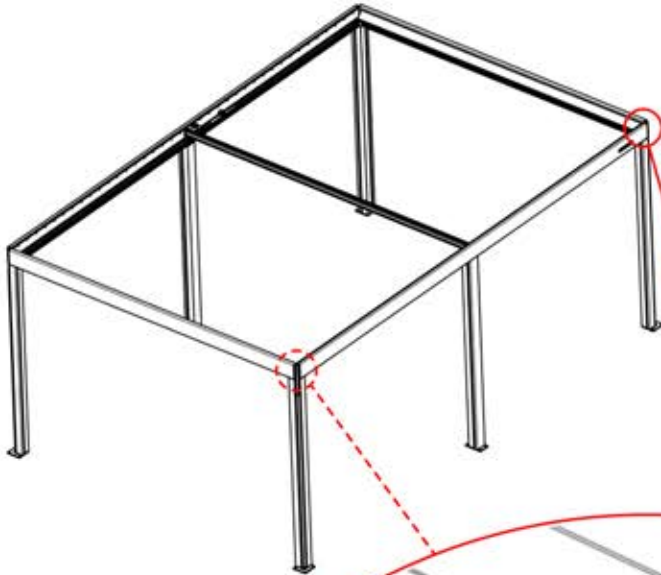
x1
PERGOLUX

5

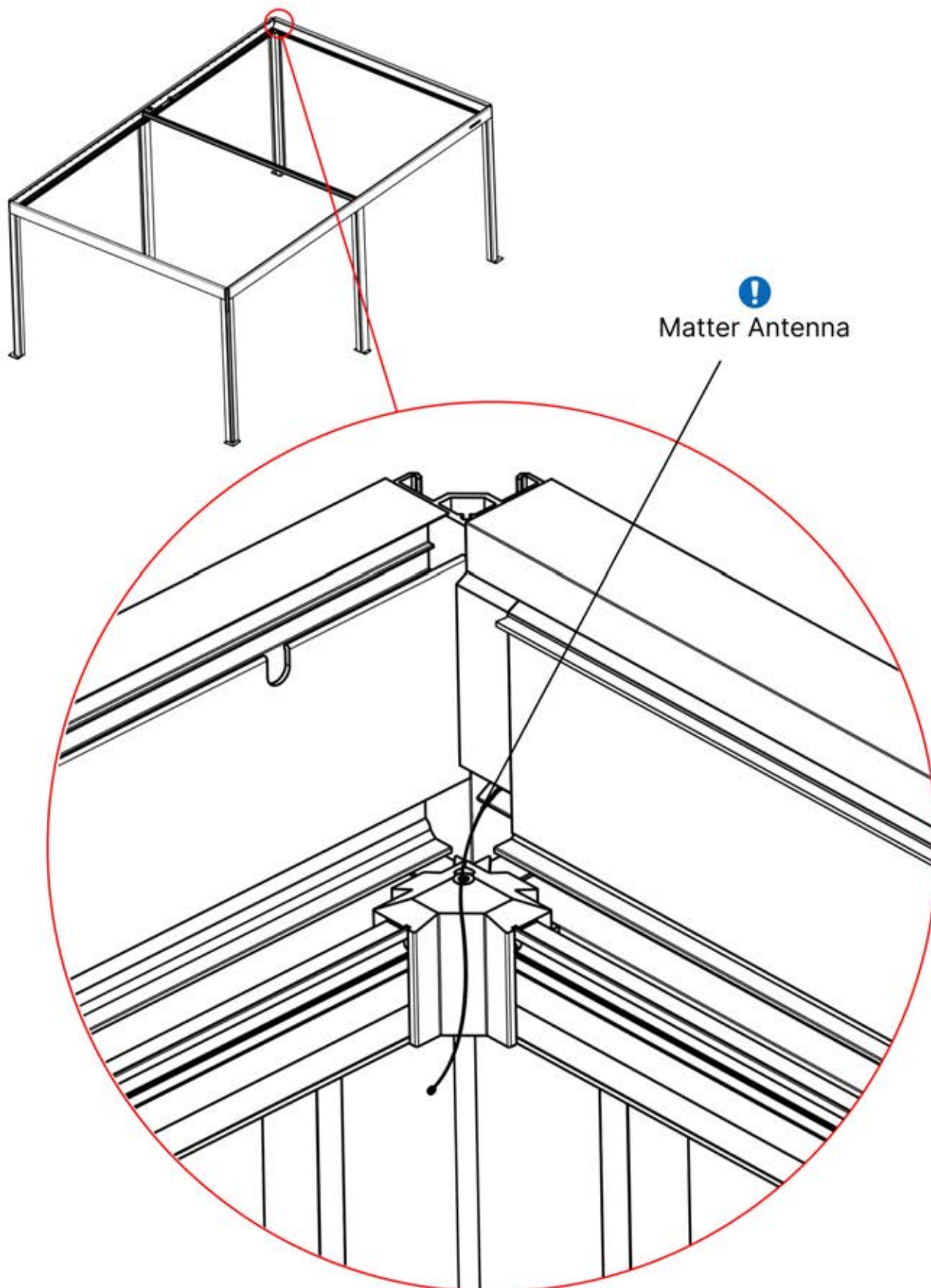
ANTHRACITE: B256
WHITE: B260
BLACK: B258



PN-200003554
2x



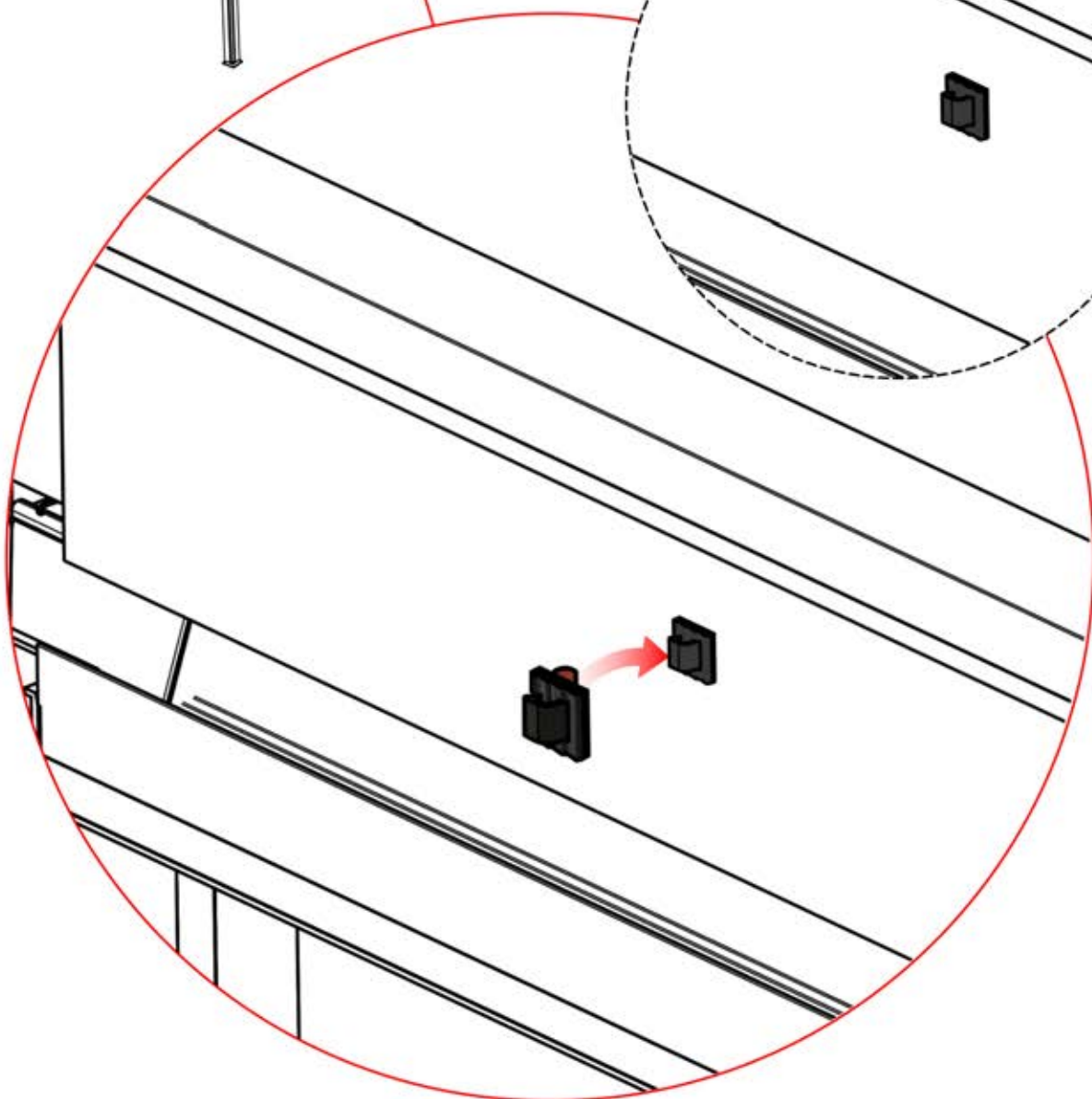
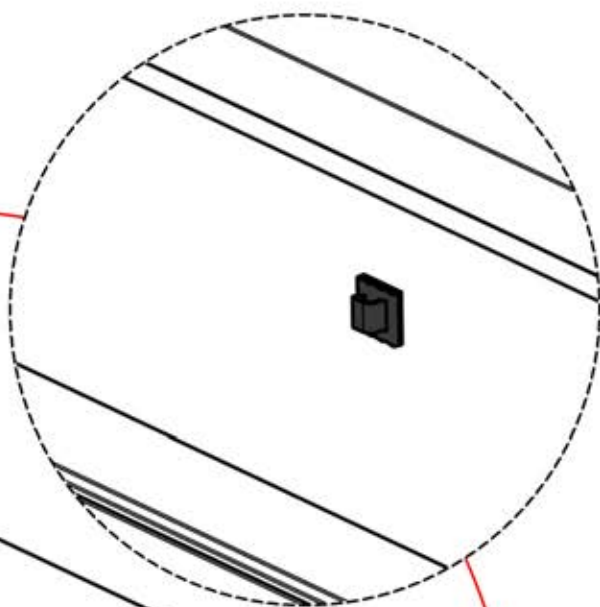
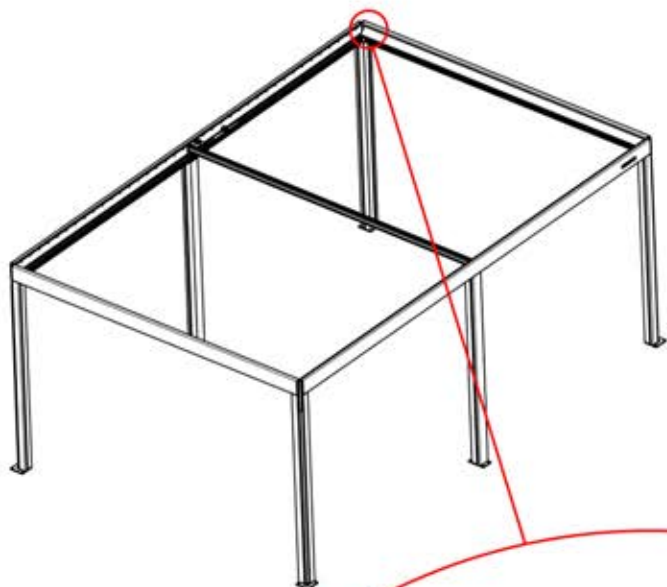
INFORMATION

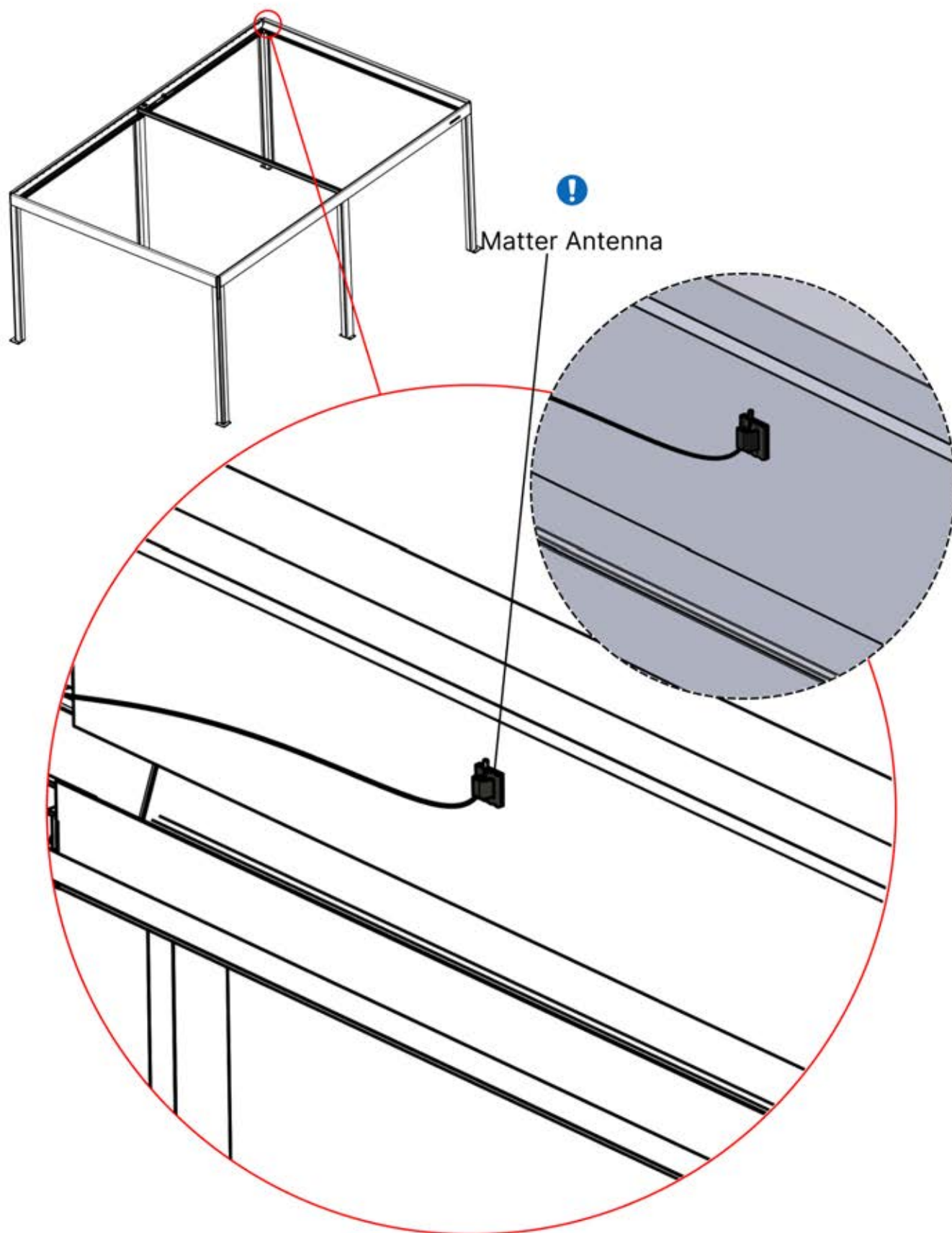


37



Matter
Antenna Clip
1x

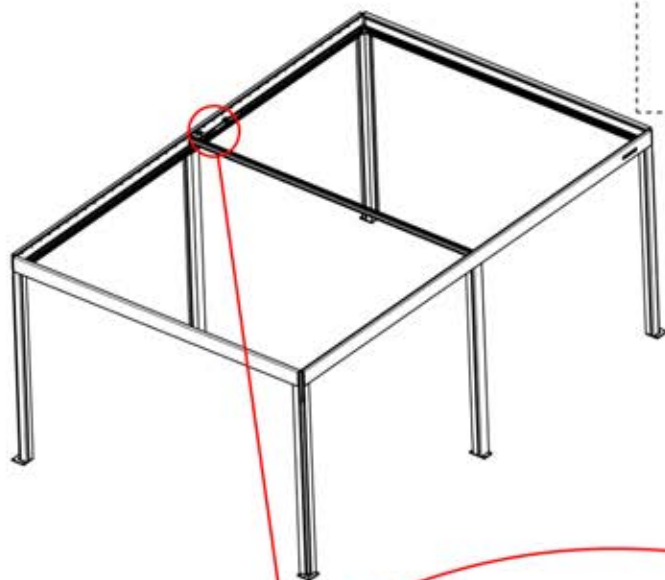




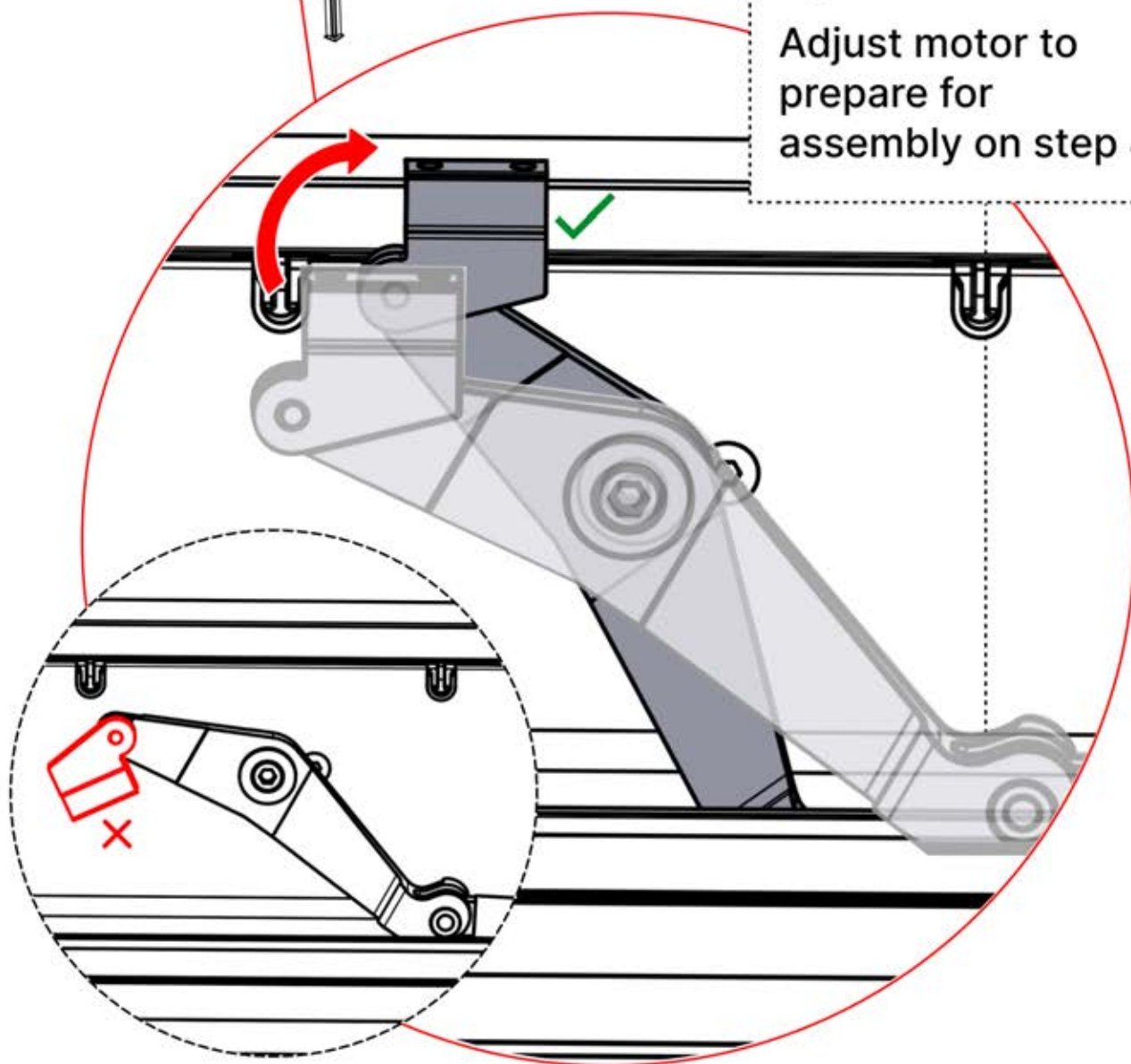
39



Remote
Controller



Adjust motor to
prepare for
assembly on step 40

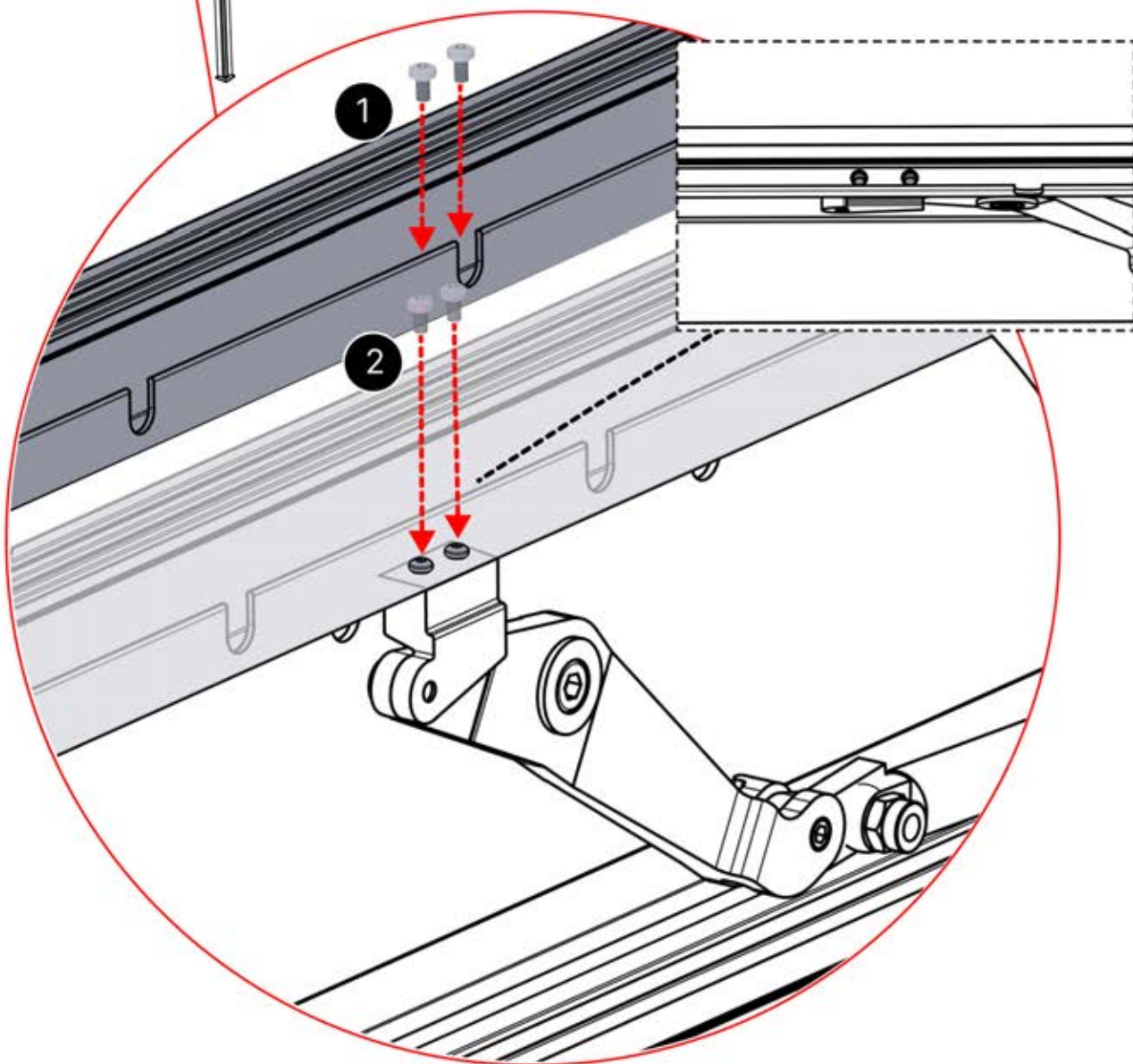
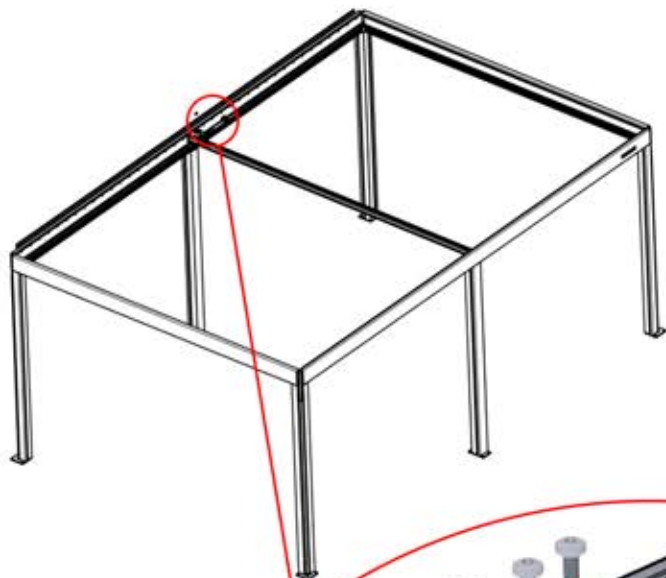


40

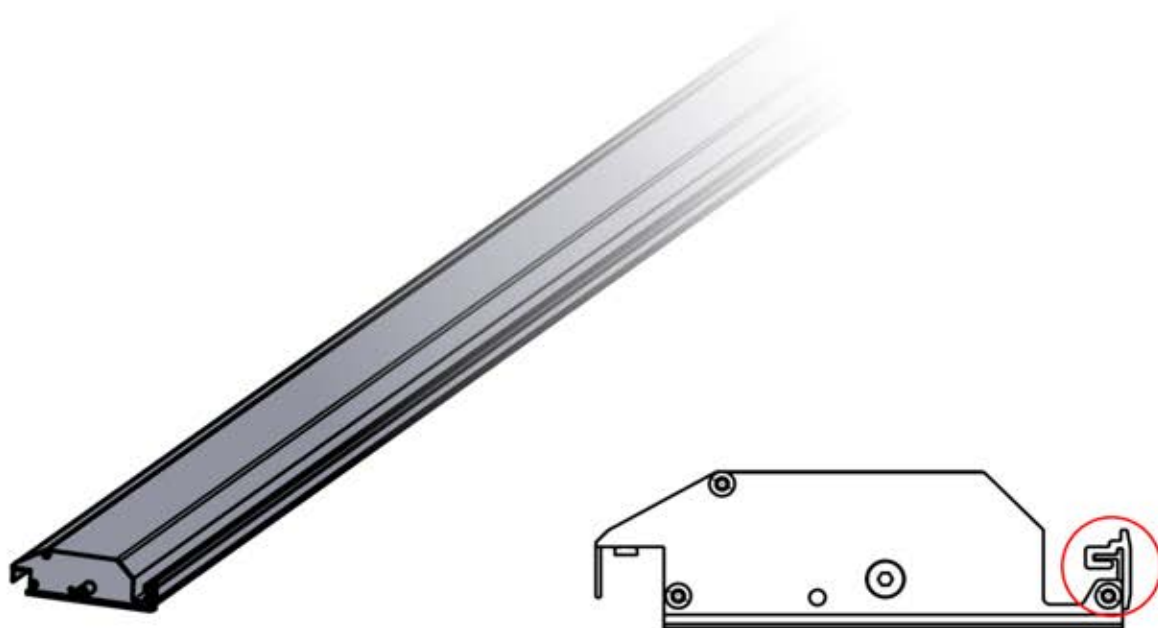



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



ITEMS IN BOX

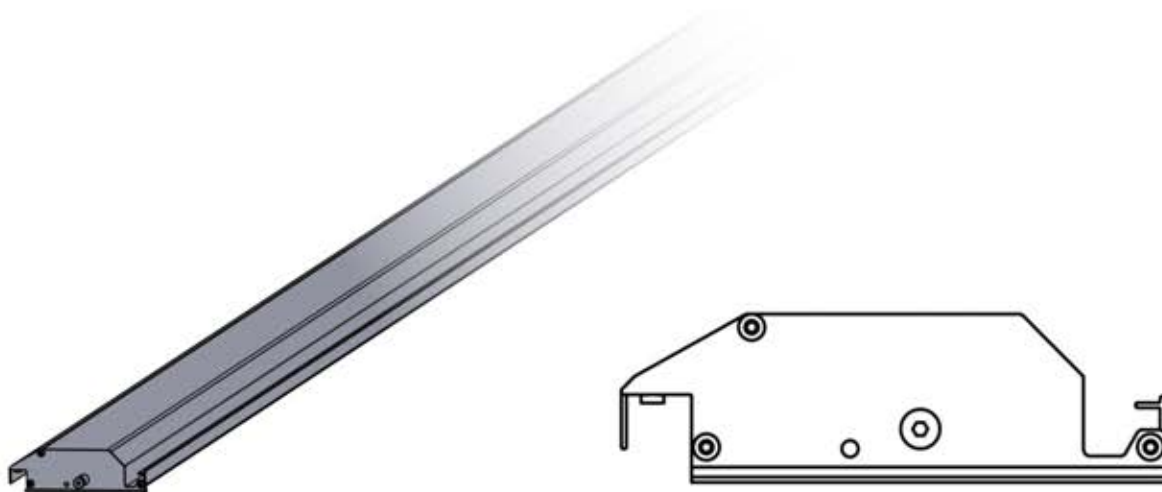



ANTHRACITE: B268
WHITE: B272
BLACK: B270

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002645

1x



Standard


ANTHRACITE: L215
WHITE: L219
BLACK: L217

PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

PN-200002629

36x

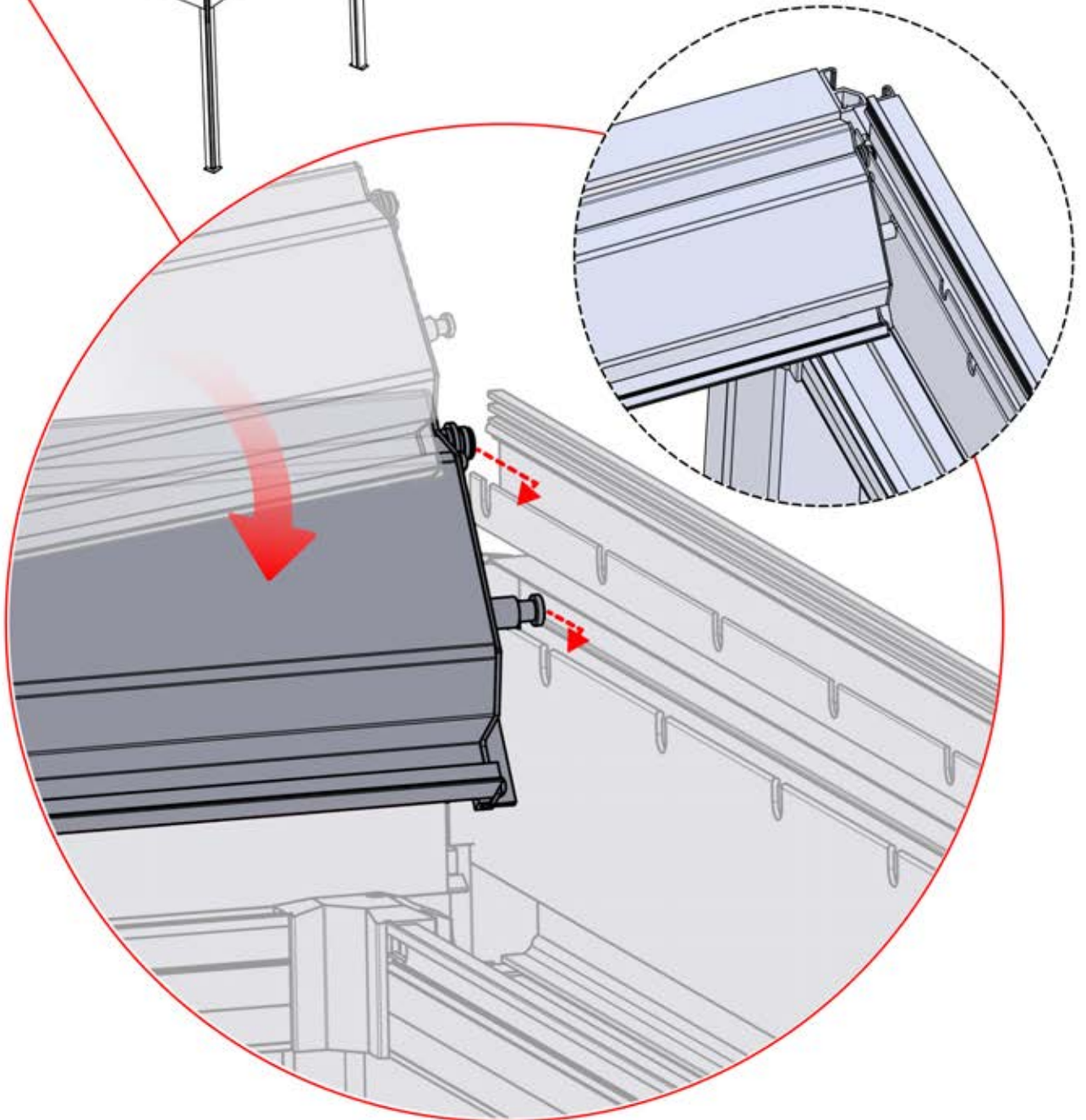
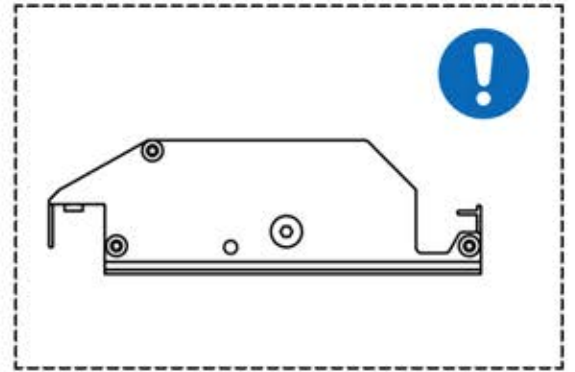
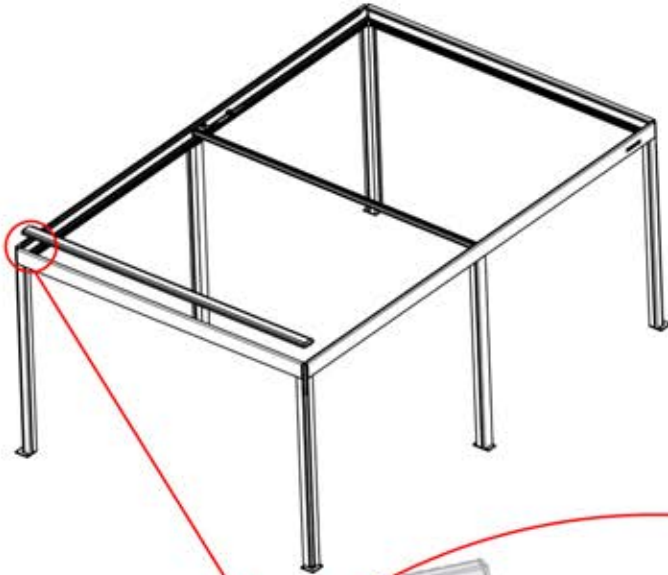

41

X6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

3

ANTHRACITE: L215
WHITE: L219
BLACK: L217

PN-200002629
1x




42

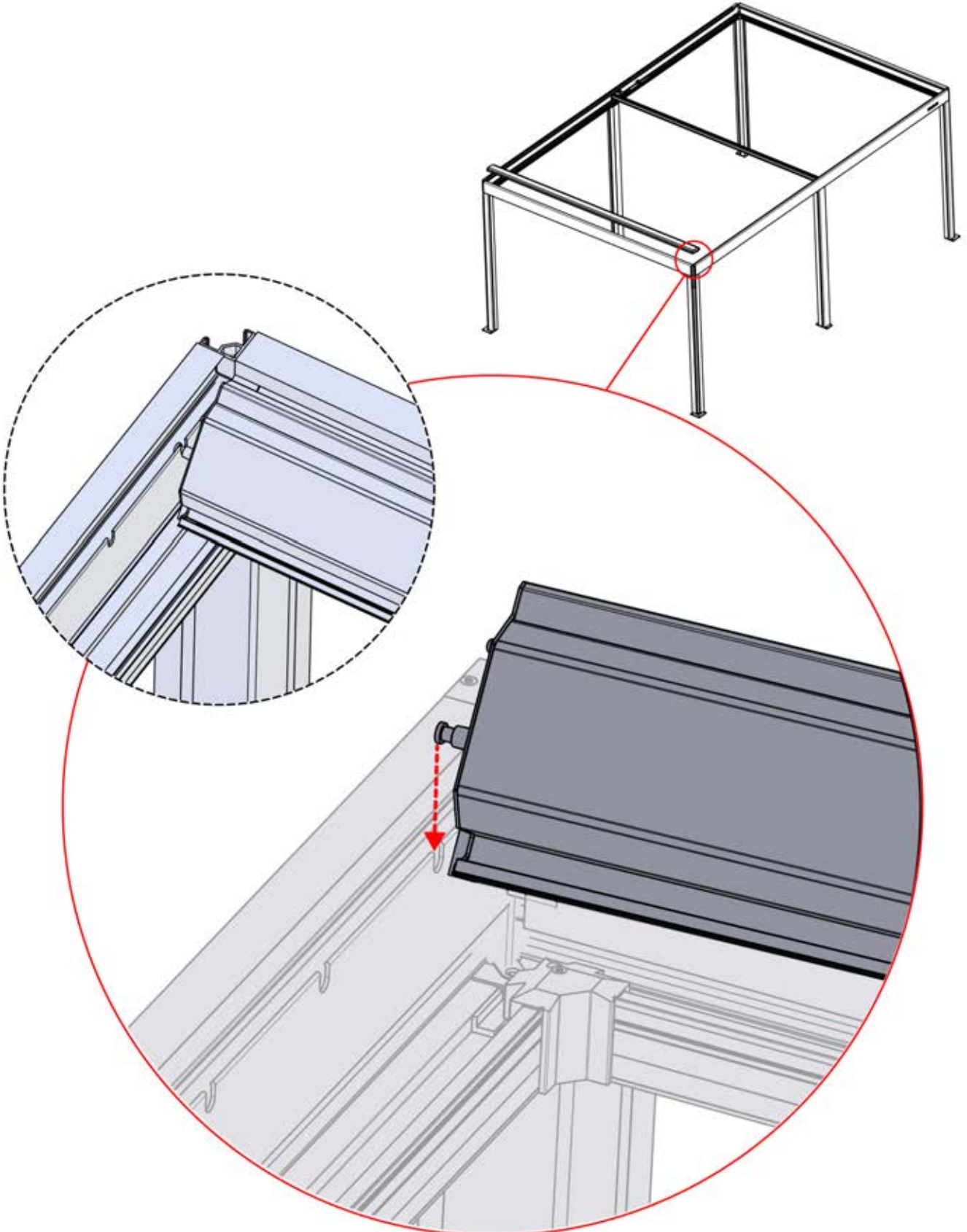
X6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

3

ANTHRACITE: L215
WHITE: L219
BLACK: L217



PN-200002629
1x



43

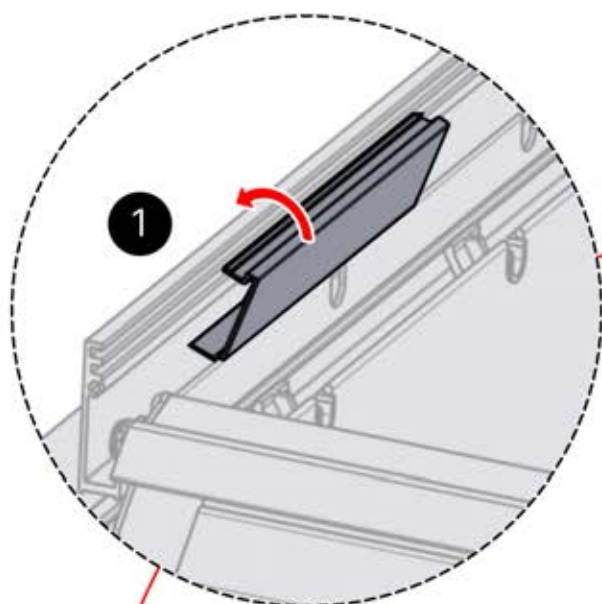
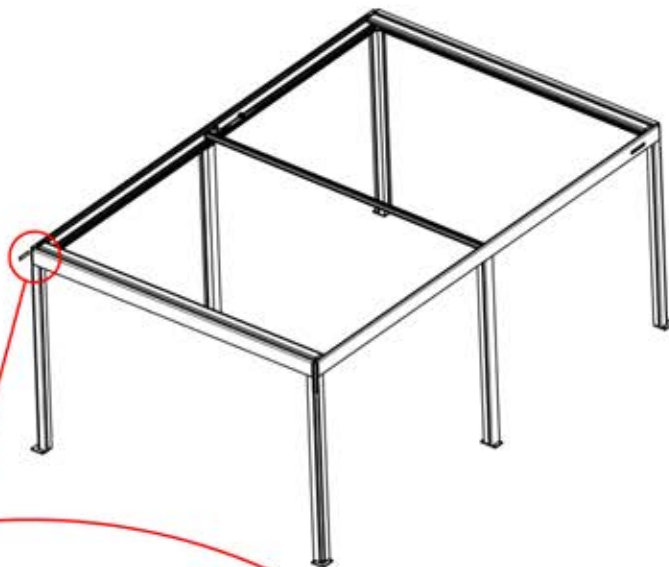


4

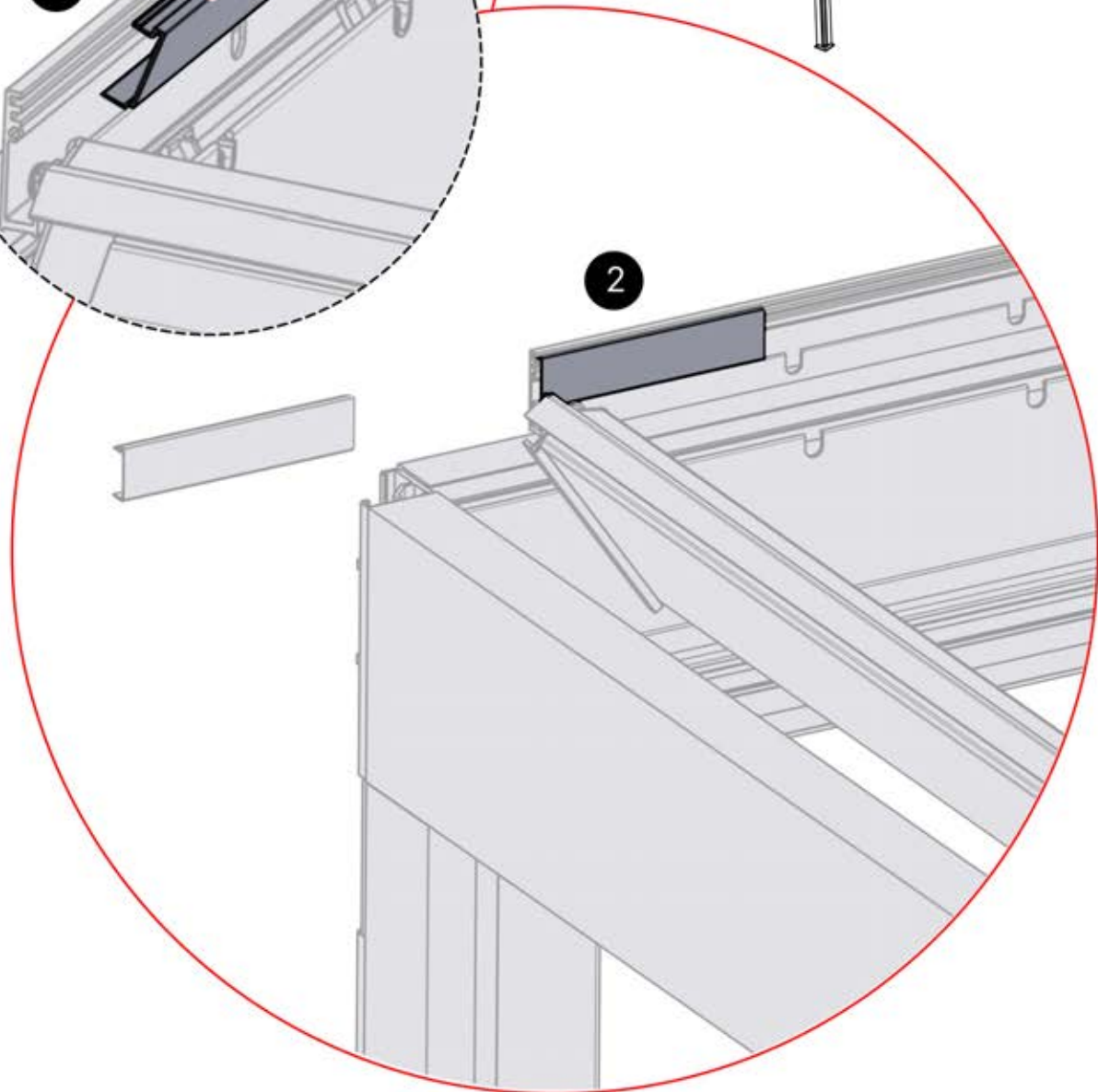
ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003033
1X



1



2

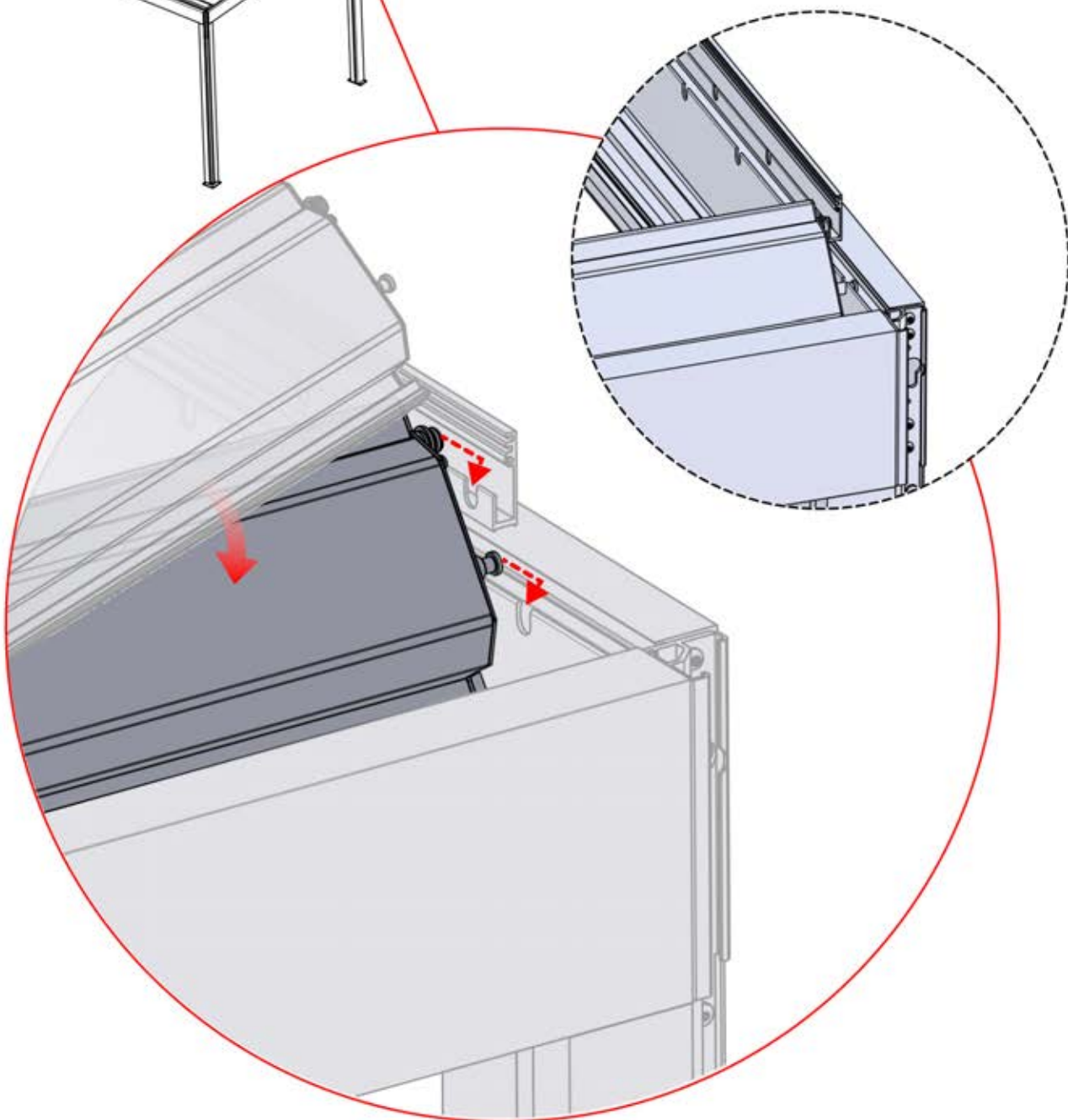
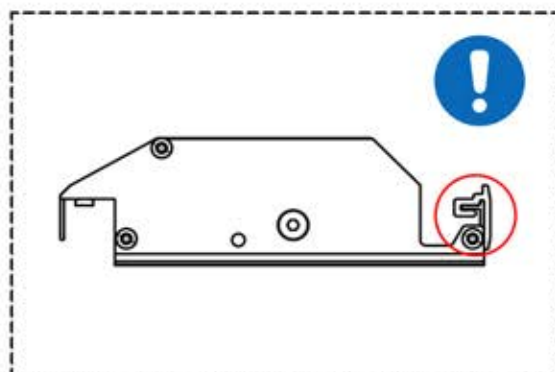
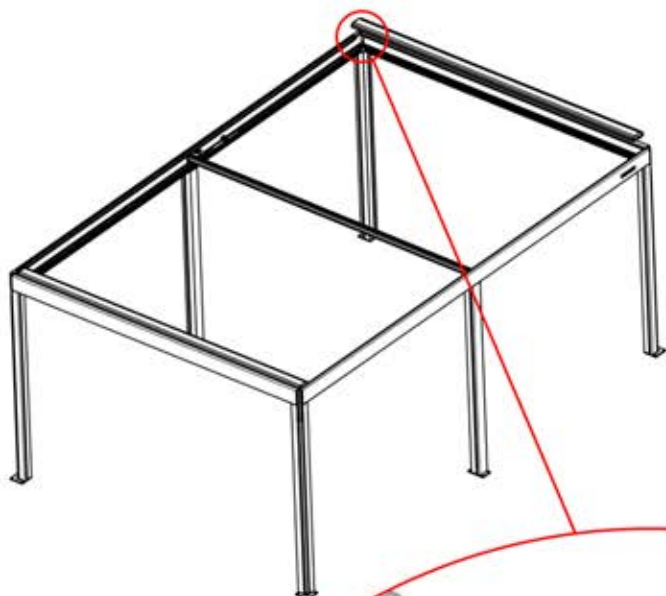

44

x1
PERGOLUX

6

ANTHRACITE: B268
WHITE: B272
BLACK: B270

PN-200002645
1x



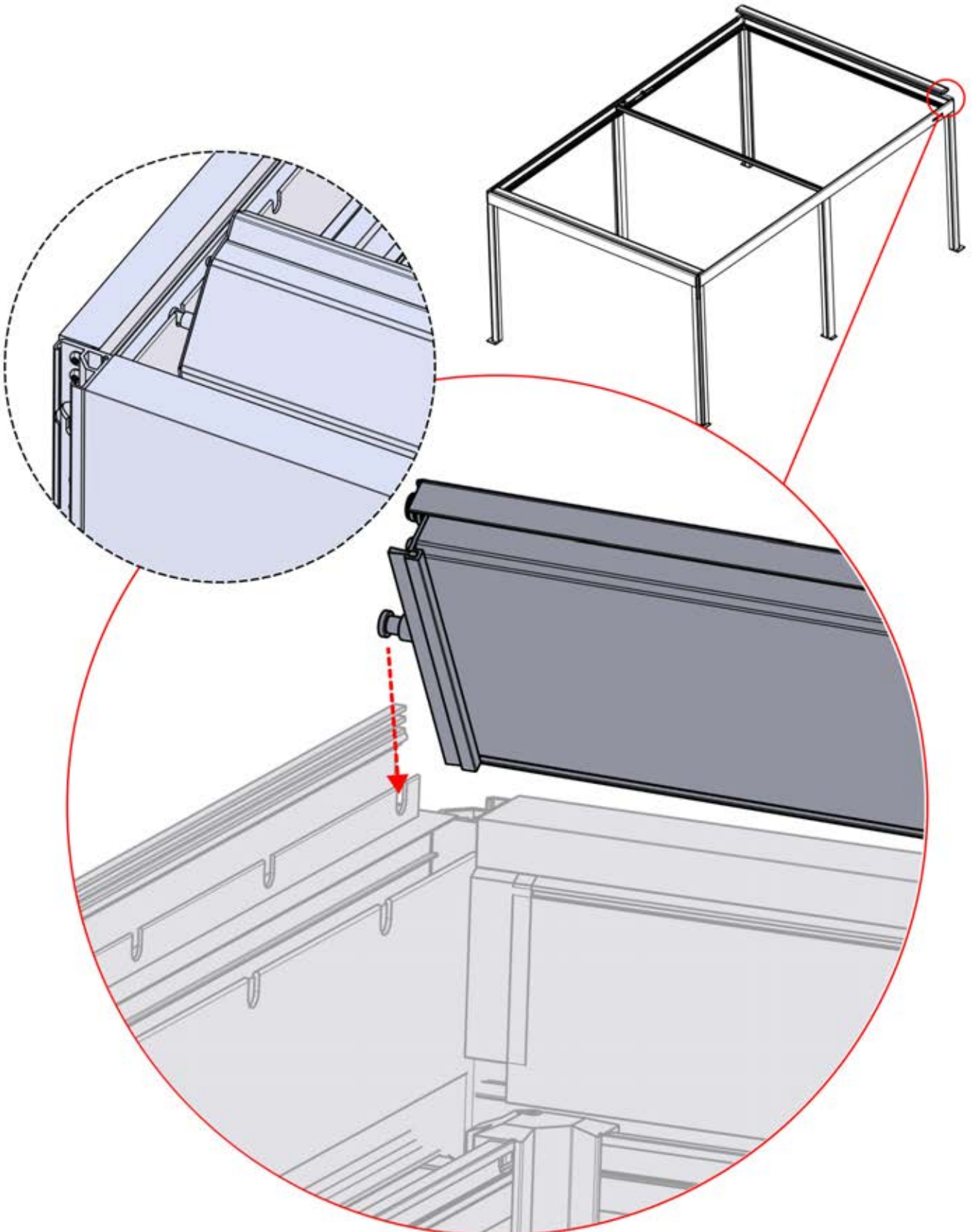

45

x1
PERGOLUX

6

ANTHRACITE: B268
WHITE: B272
BLACK: B270

PN-200002645
1x

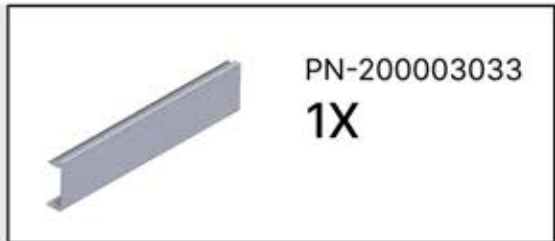


46

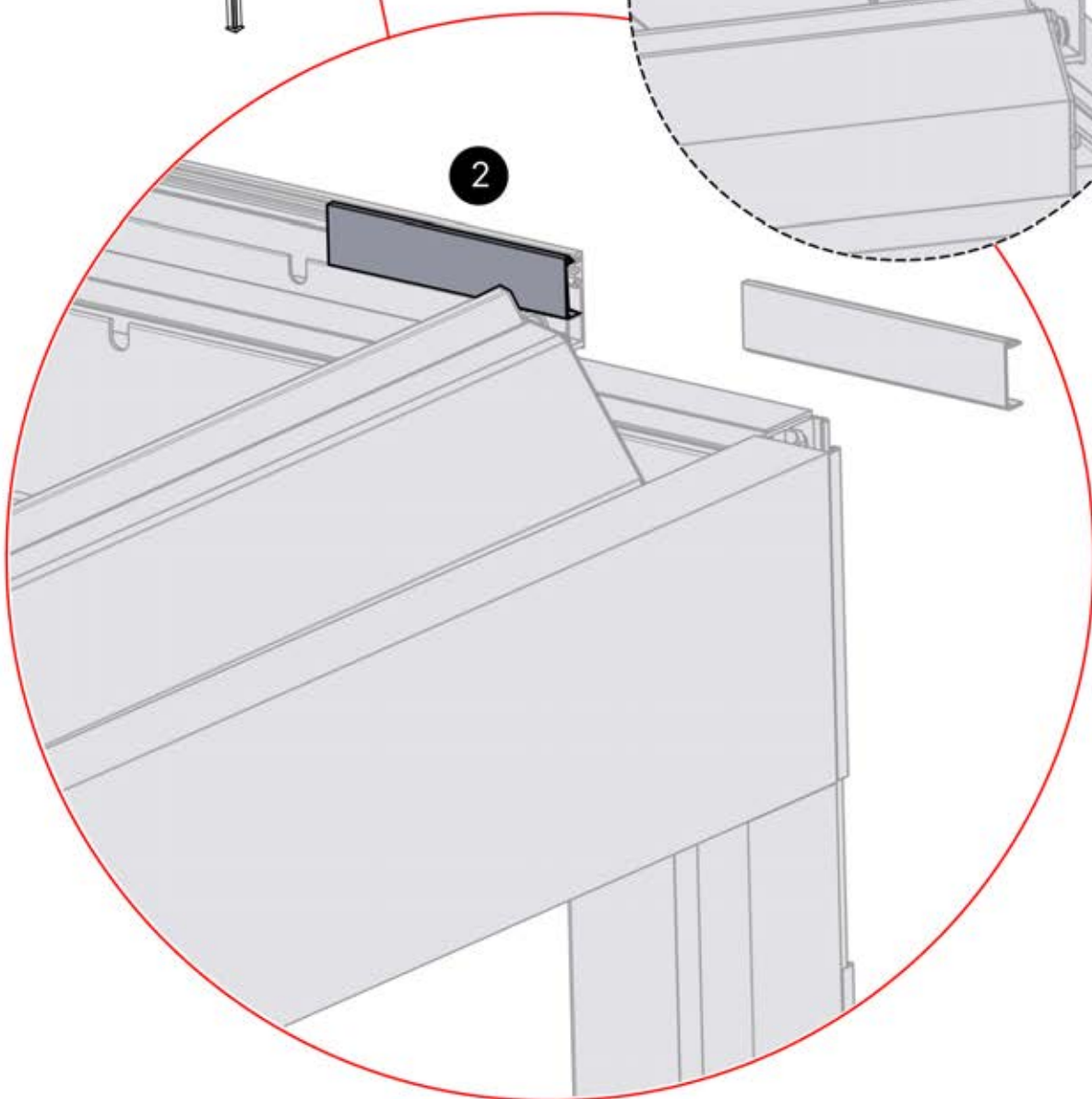
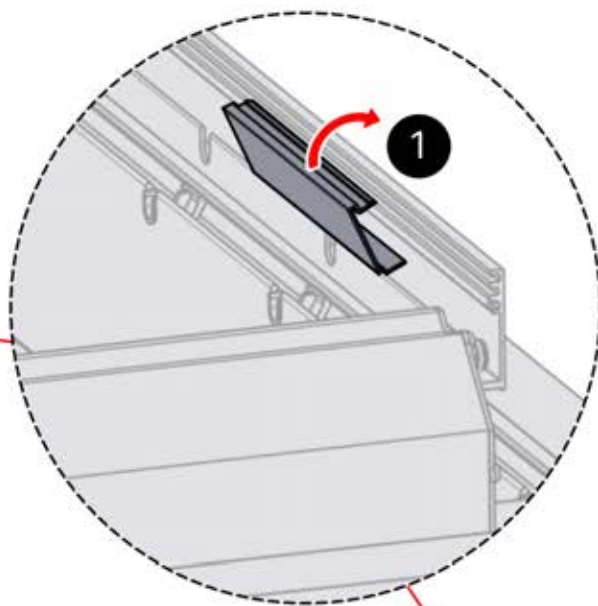
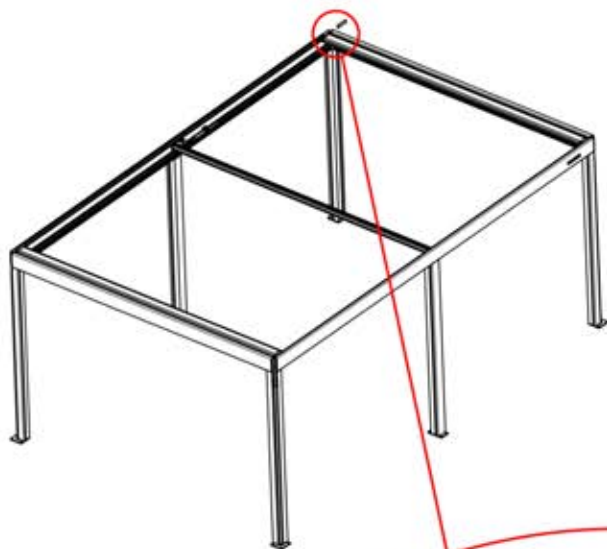


4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



PN-200003033
1X



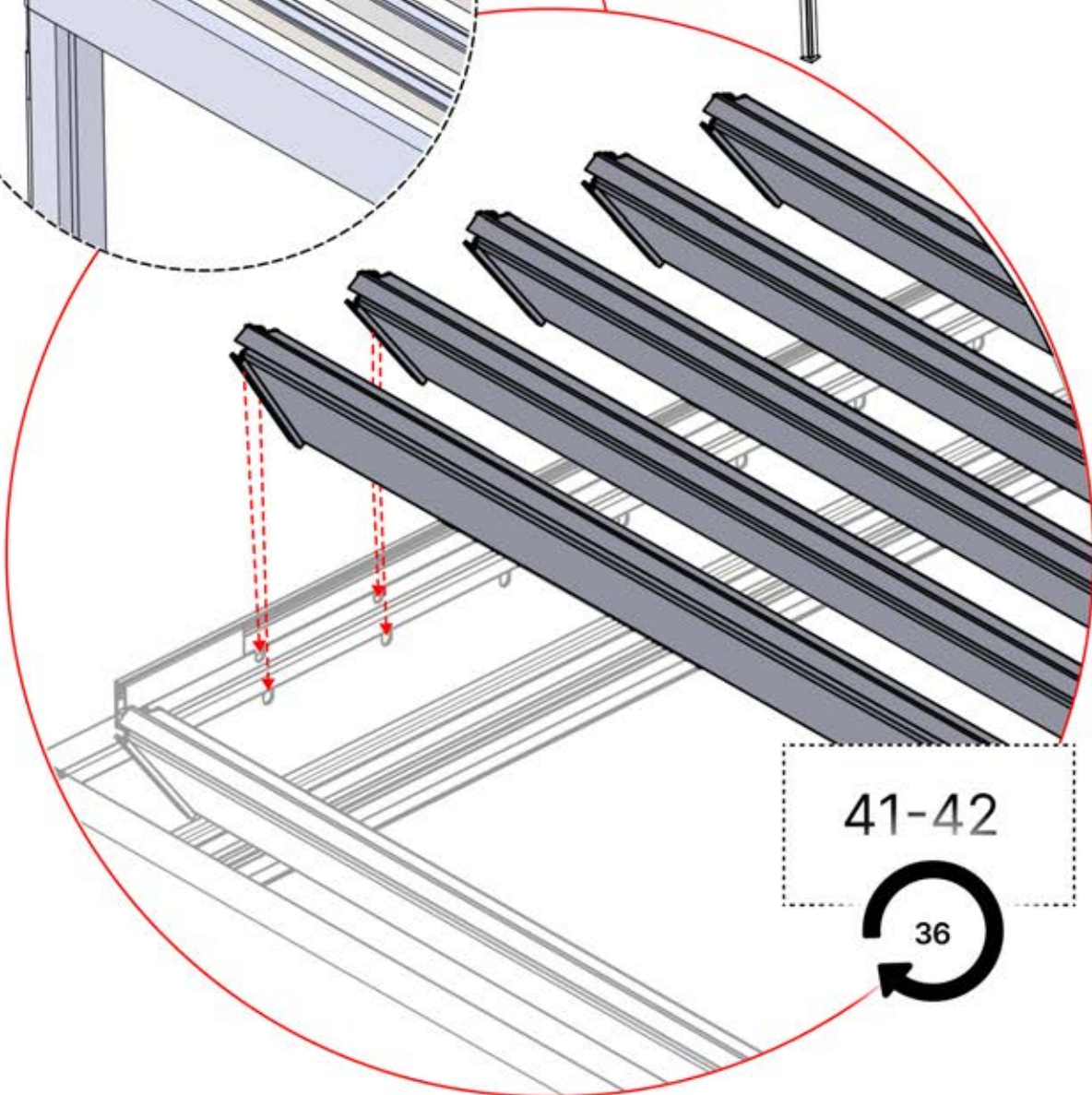
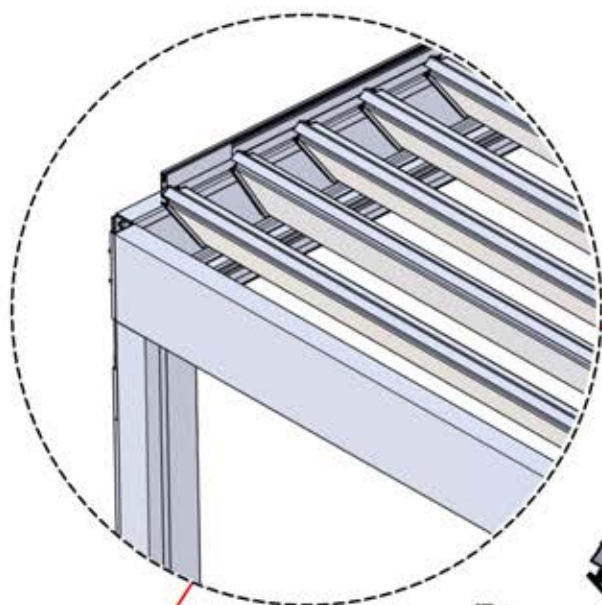
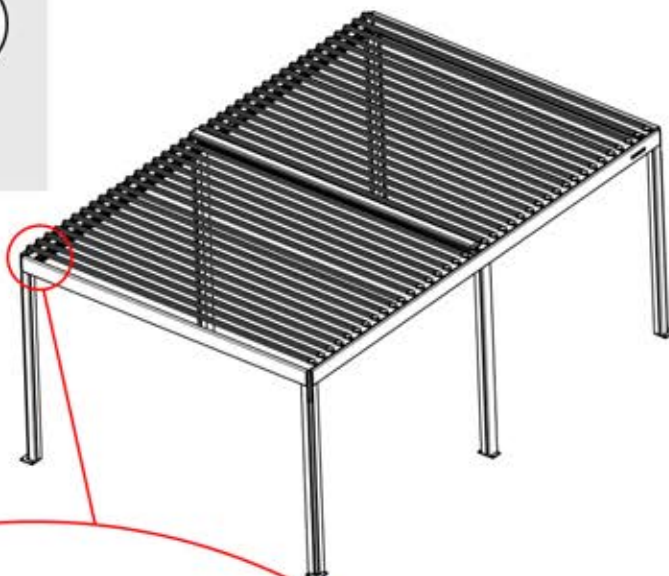
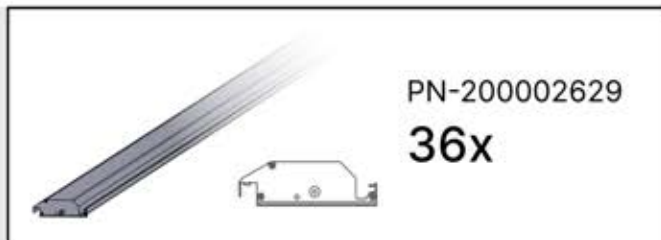
47



ANTHRACITE: B268
WHITE: B272
BLACK: B270



ANTHRACITE: L215
WHITE: L219
BLACK: L217

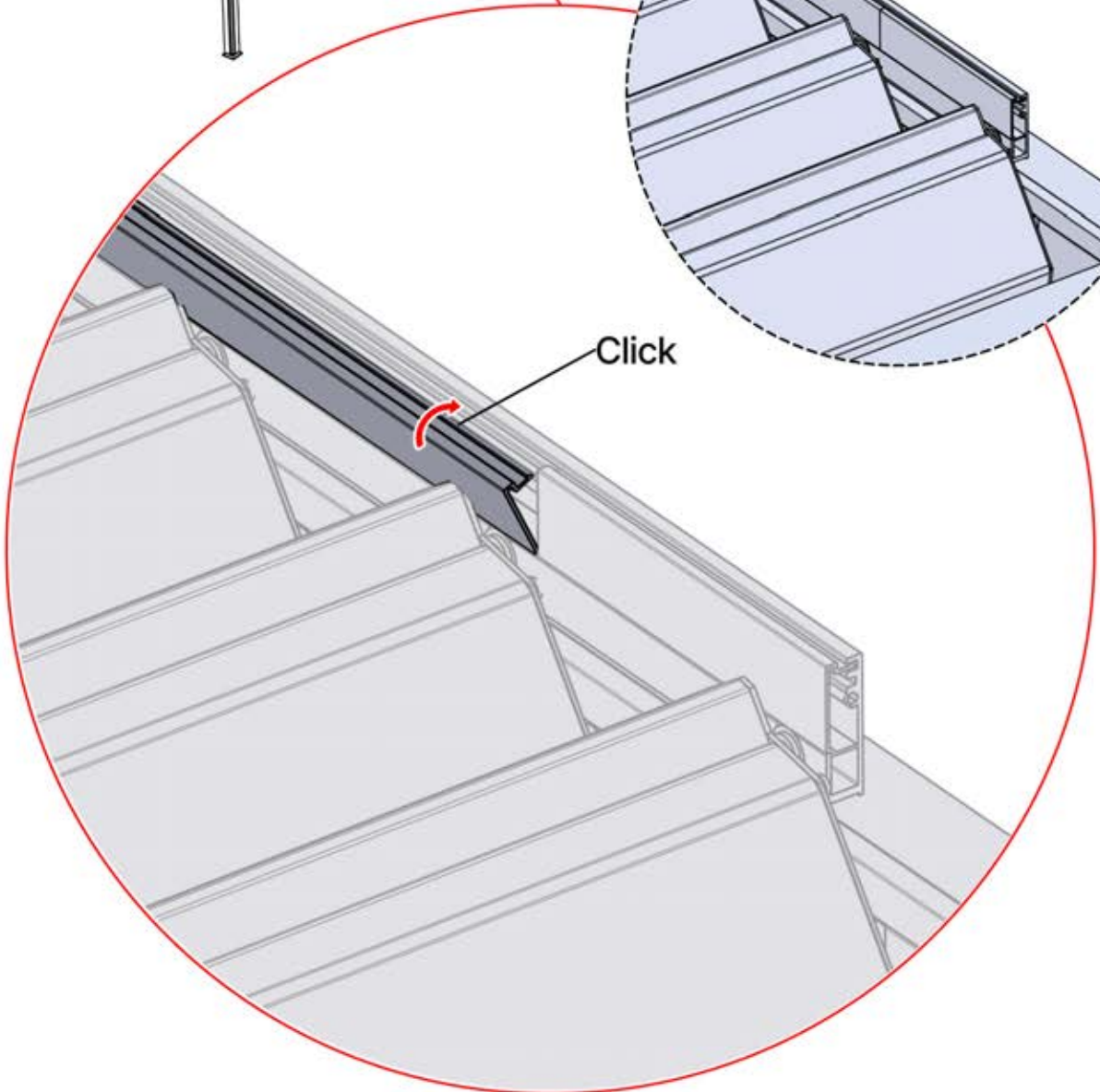
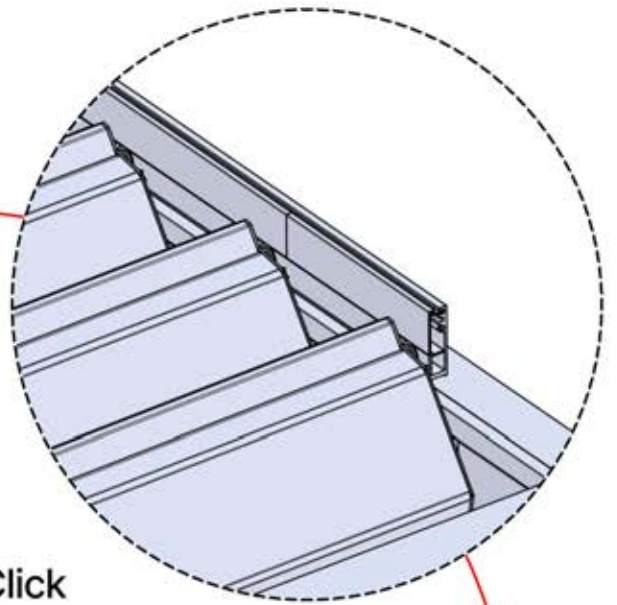
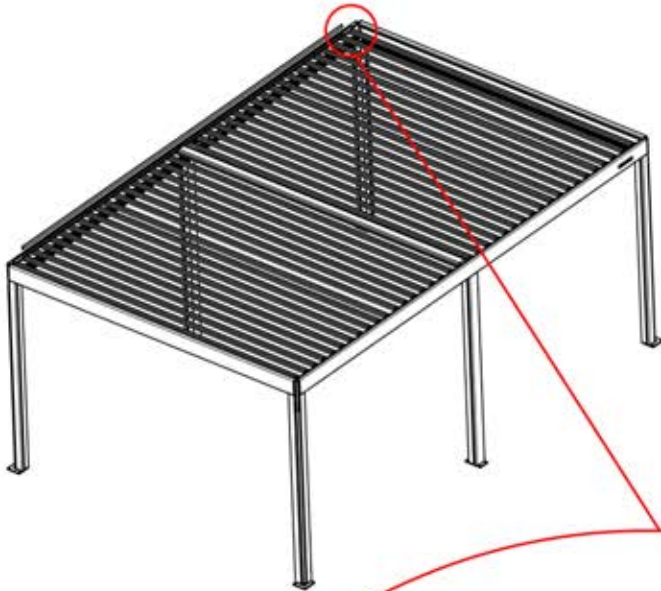


48



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

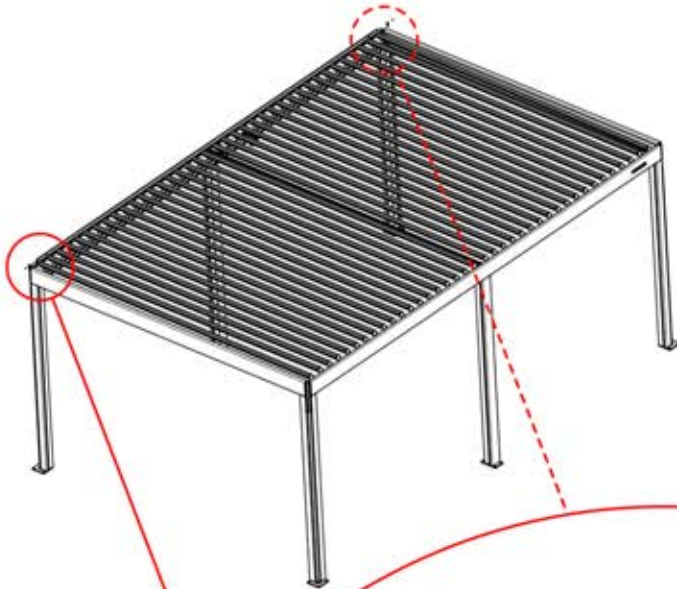


49

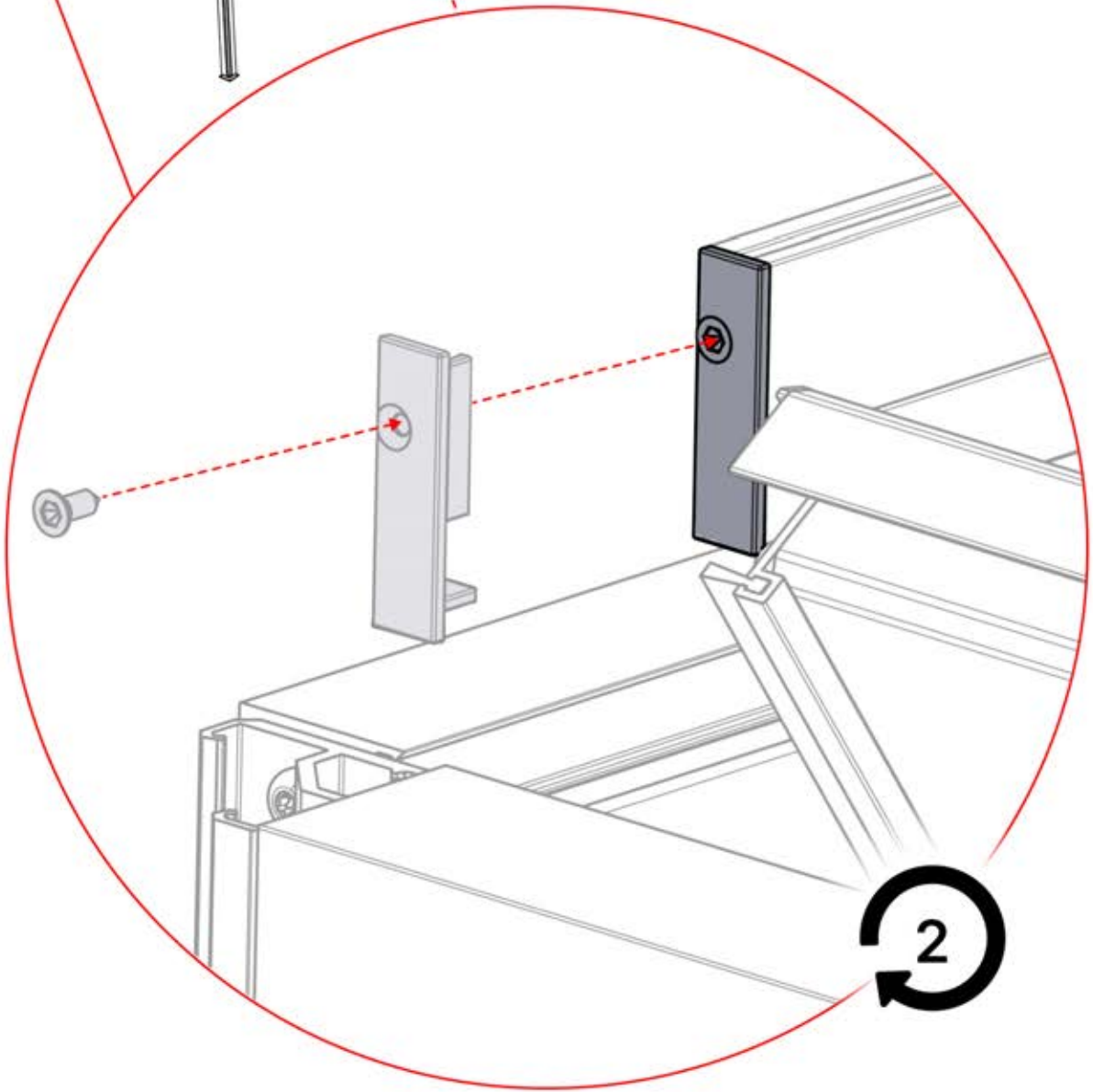


4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



	PN-200003030 1x
	PN-200003031 1x
	PN-200001207 2x

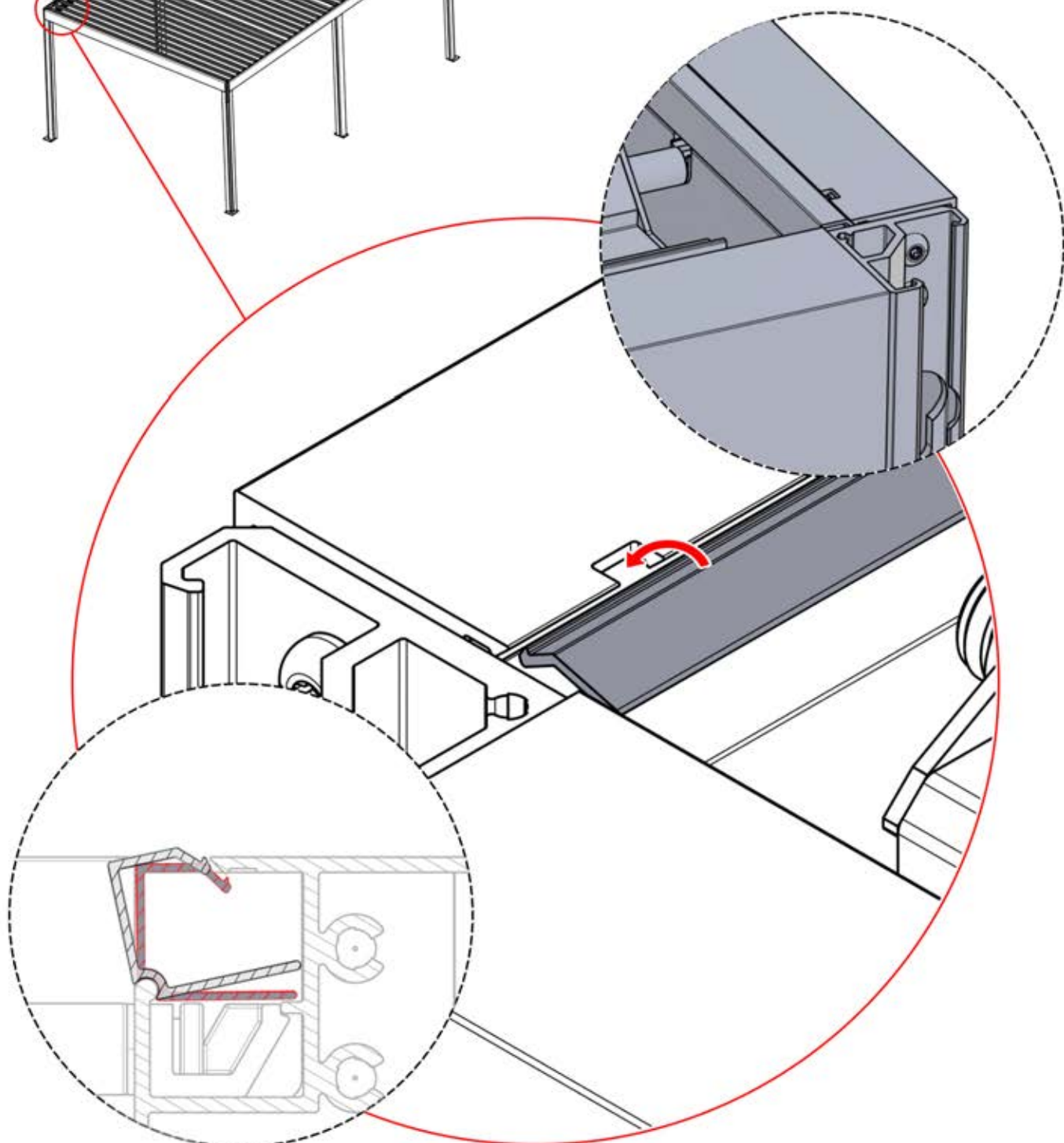
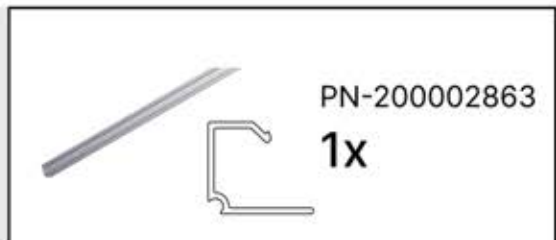


50



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

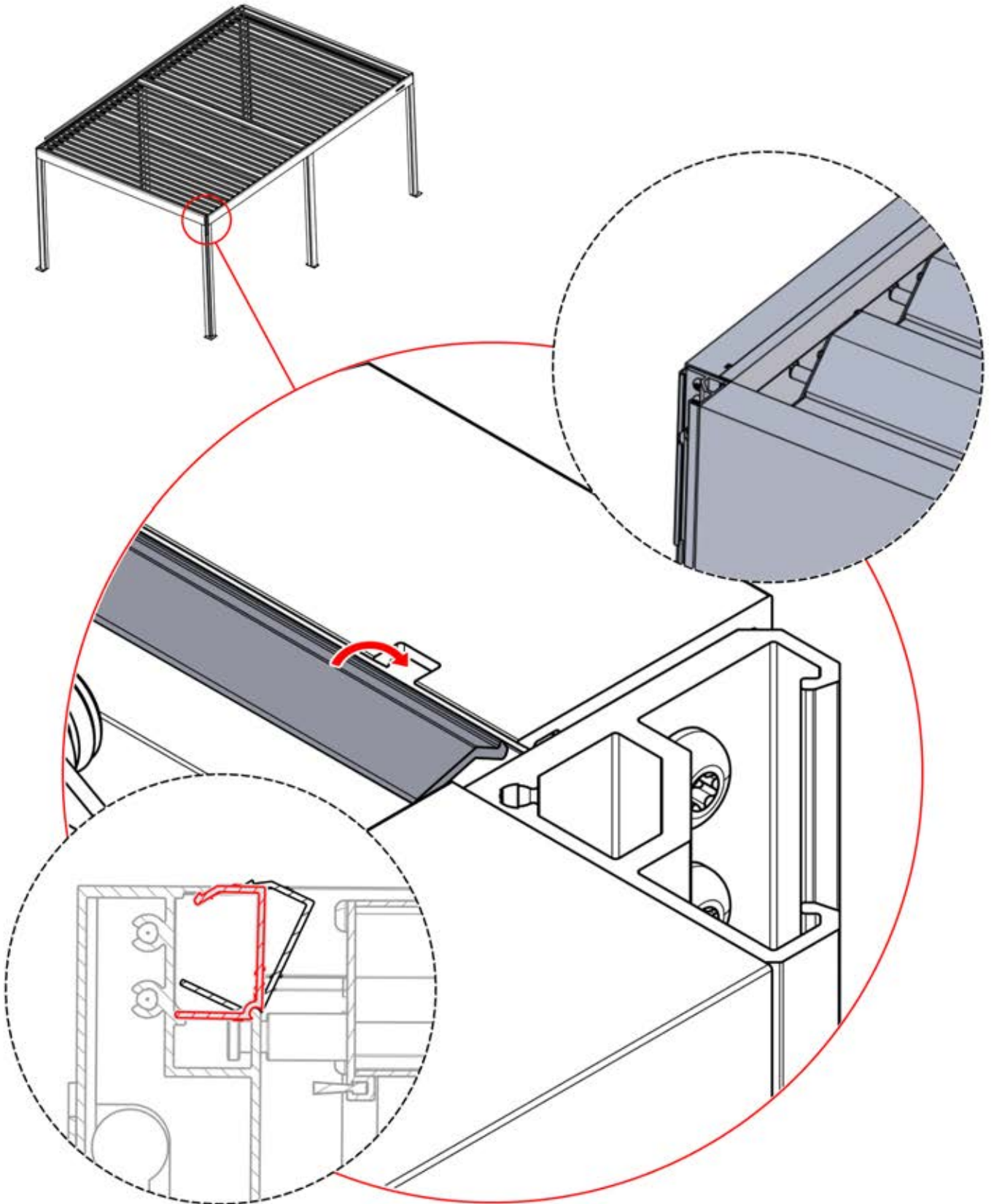
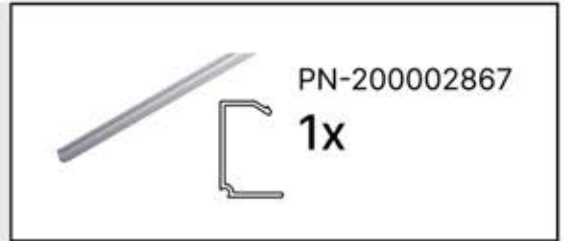


51



4

ANTHRACITE: B235
WHITE: B243
BLACK: B239



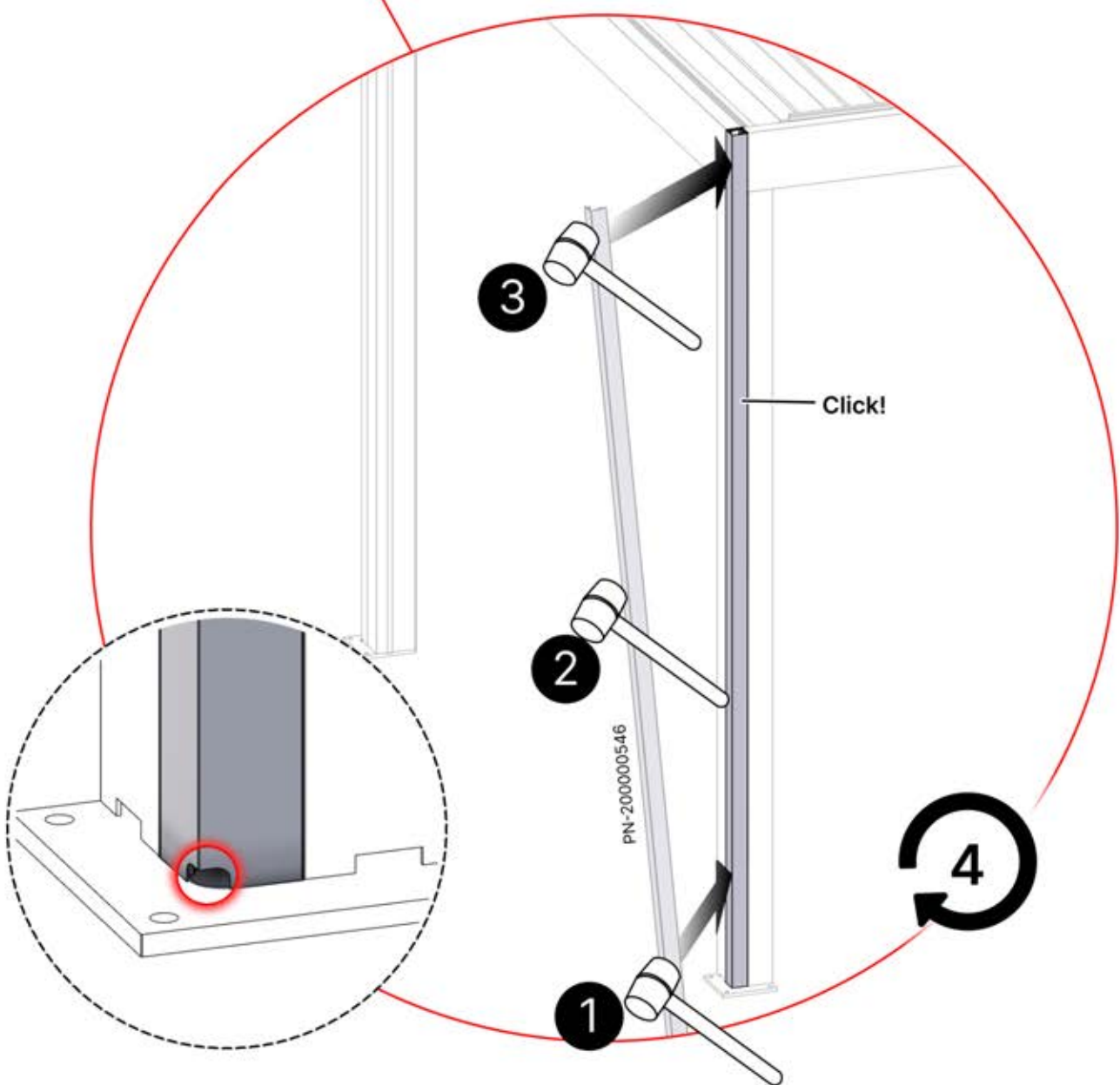

52

x2
PERGOLUX
PERGOLUX

1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

PN-200003386
2X



3

2

1

4

Click!


PN-200000546

53

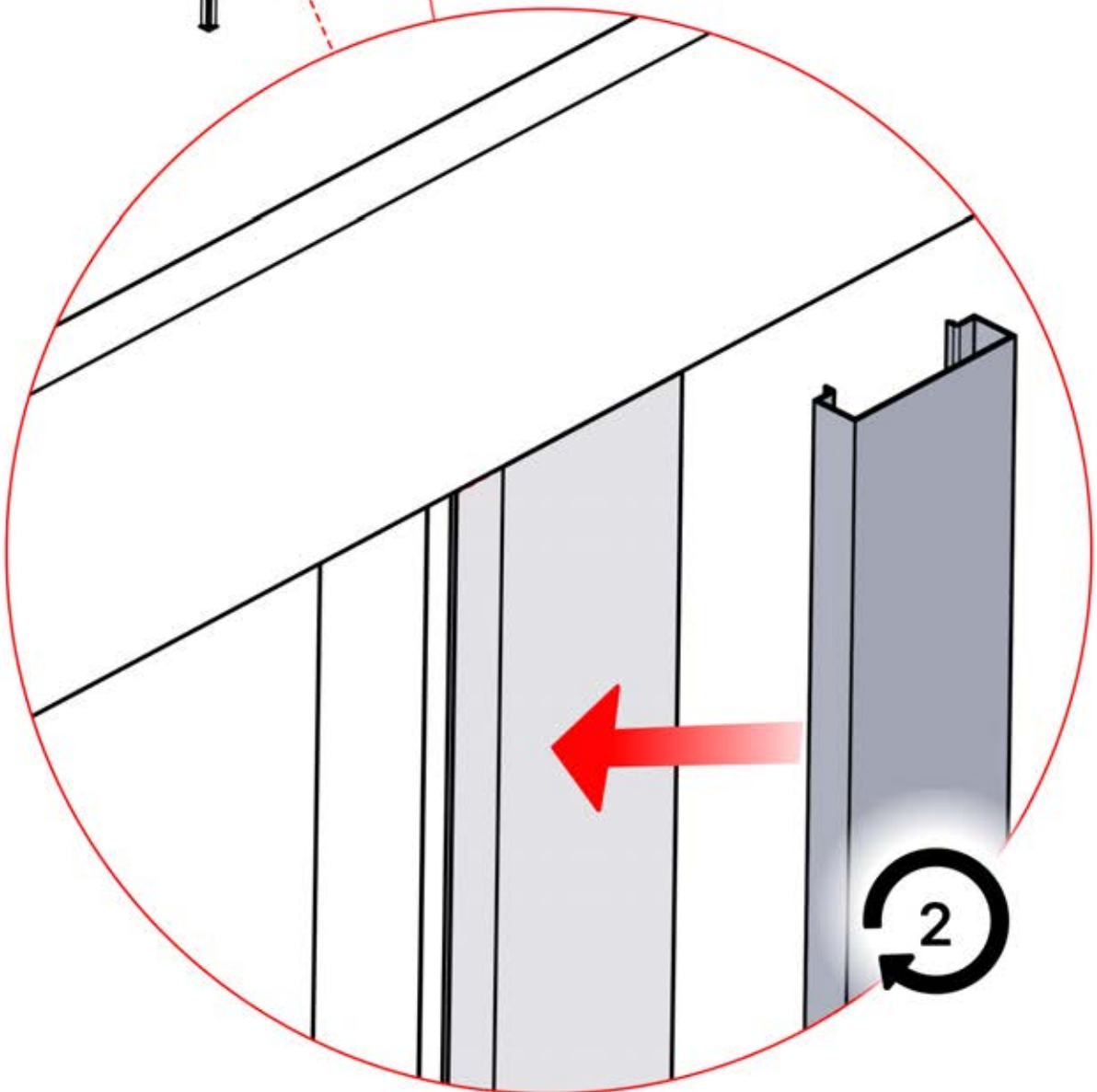
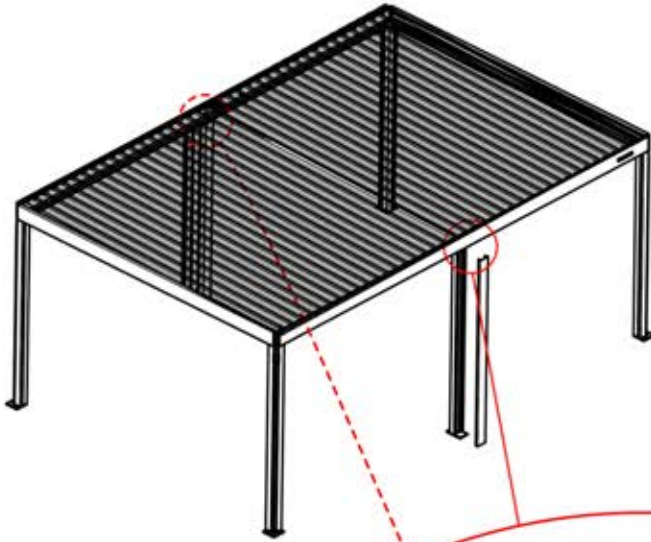
x2
PERGOLUX
PERGOLUX

2

ANTHRACITE: C123
WHITE: C125
BLACK: C124



PN-200002783
1X



54

X1
FERGOUX

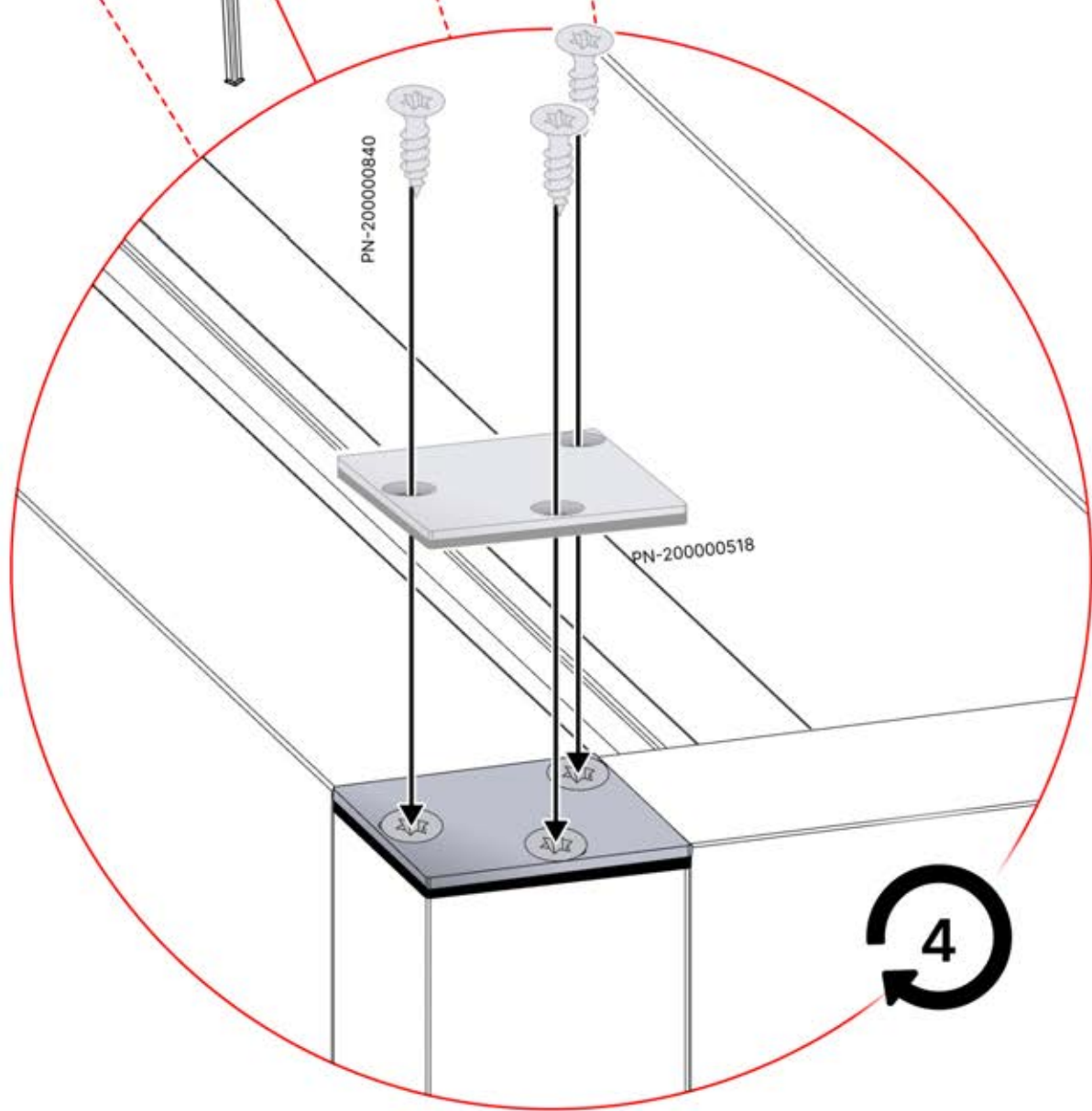
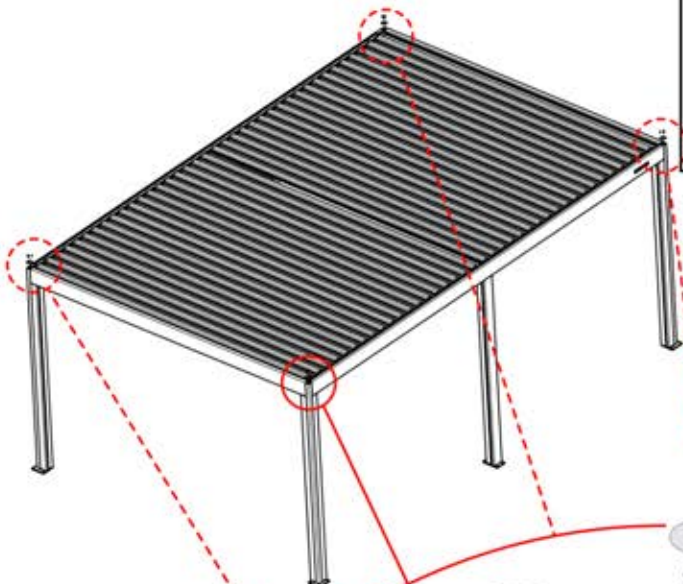
4

ANTHRACITE: B235
WHITE: B243
BLACK: B239

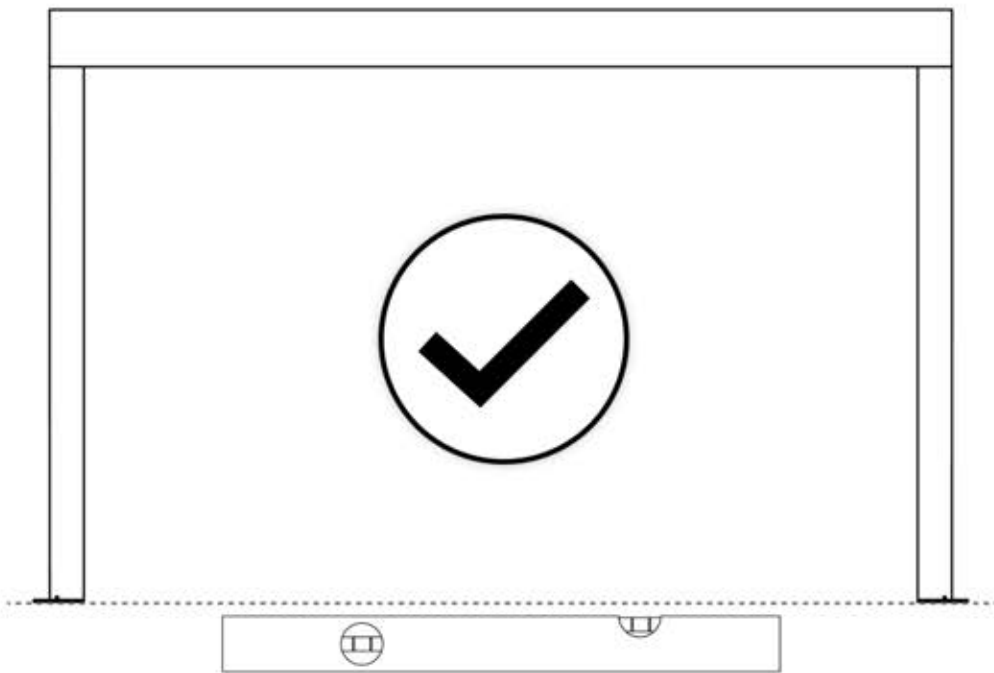
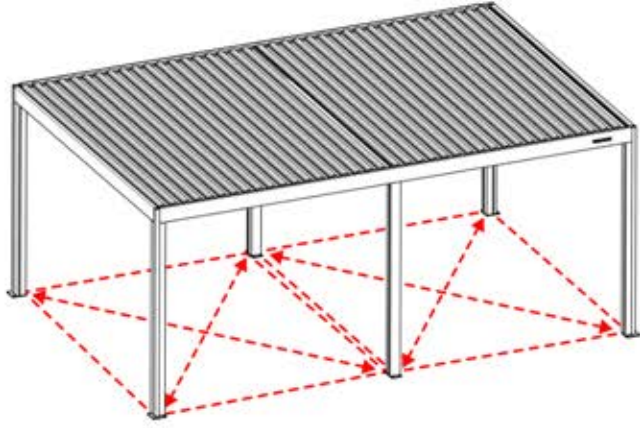
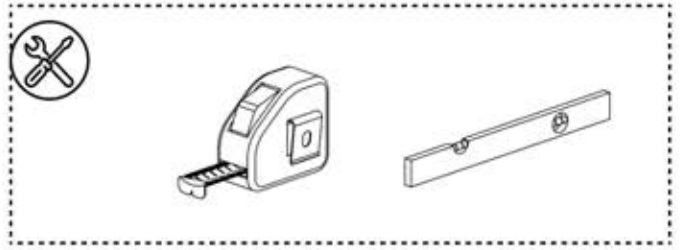
4.2x16
5/32" x 5/8"

PN-20000840
12x

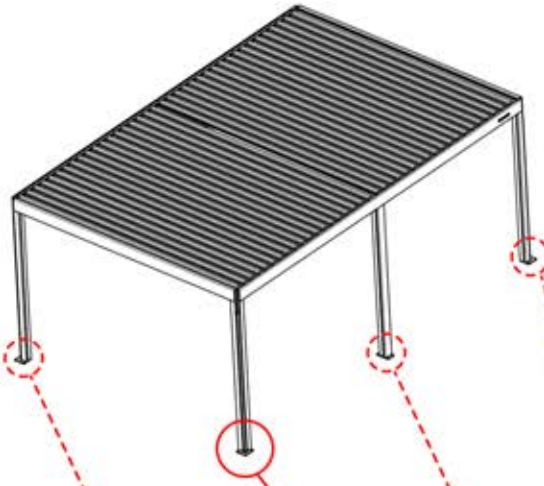
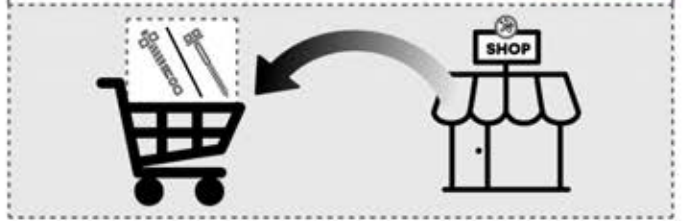
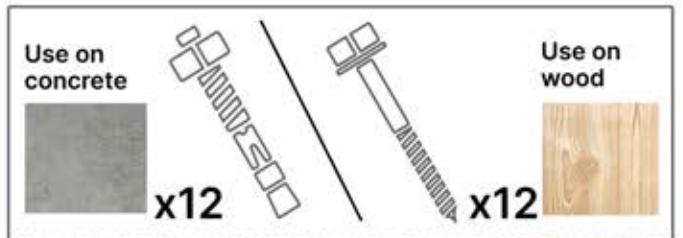
PN-200001514
4x



55

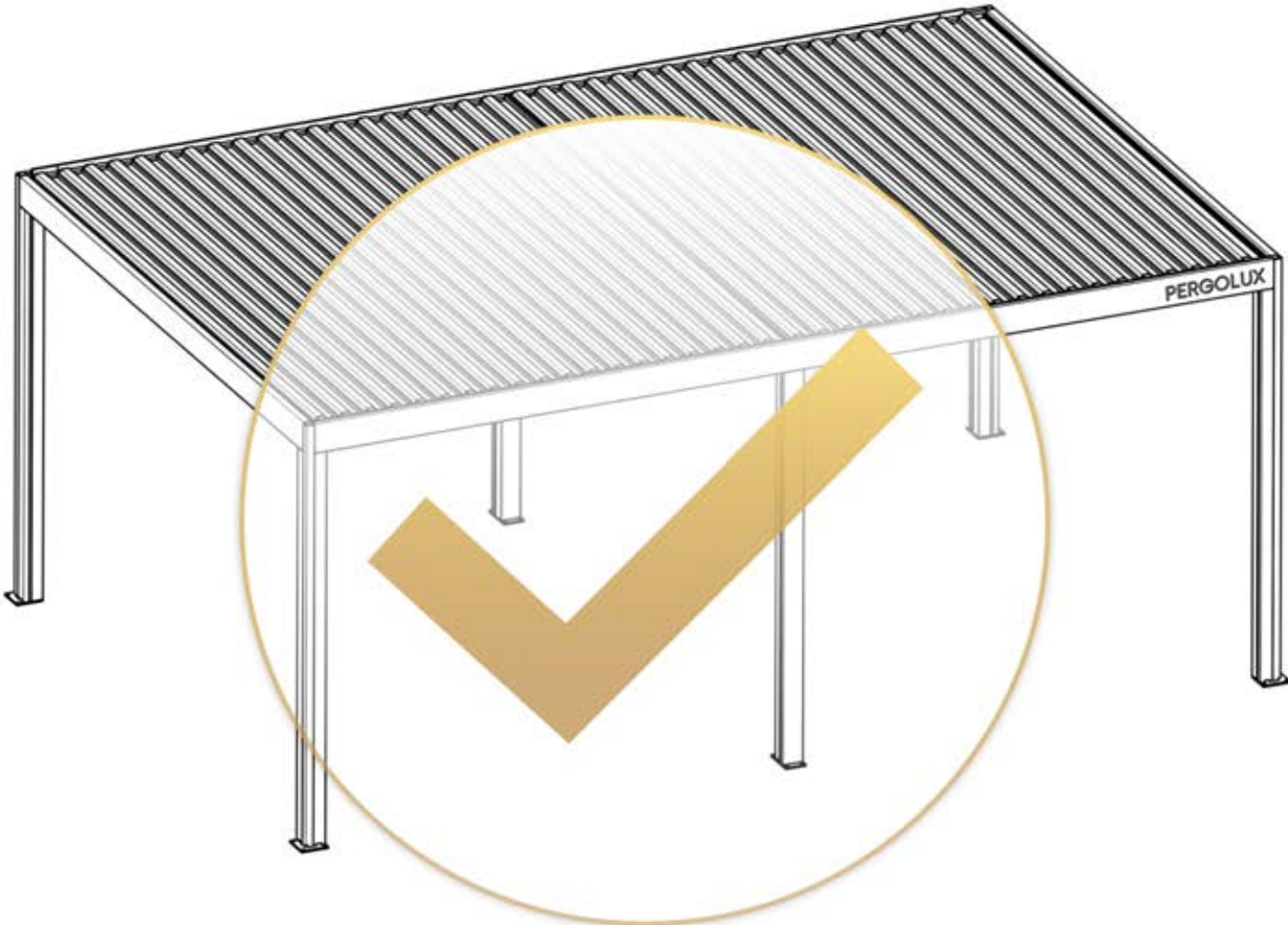


56



A circular icon with a curved arrow and the number "6" inside, indicating the current step in the assembly process.

3 X 6 M



Type Approved
Regular
Production
Surveillance
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ID 1111293124