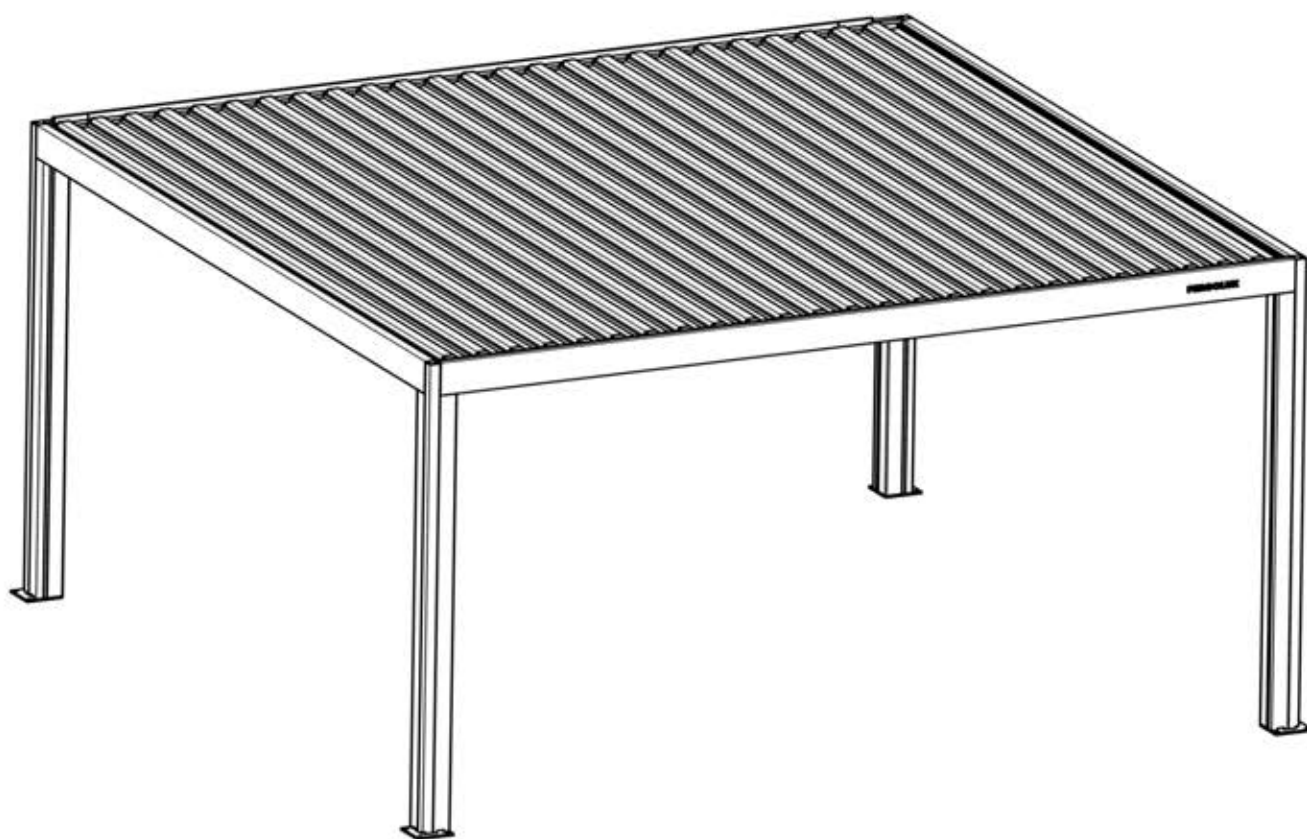


Pergola+

PERGOLA +



3×5M/10'x16'
FREESTANDING

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



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-PER-FSWM-S4

EN 13561:2015

Pergolux Pergola 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

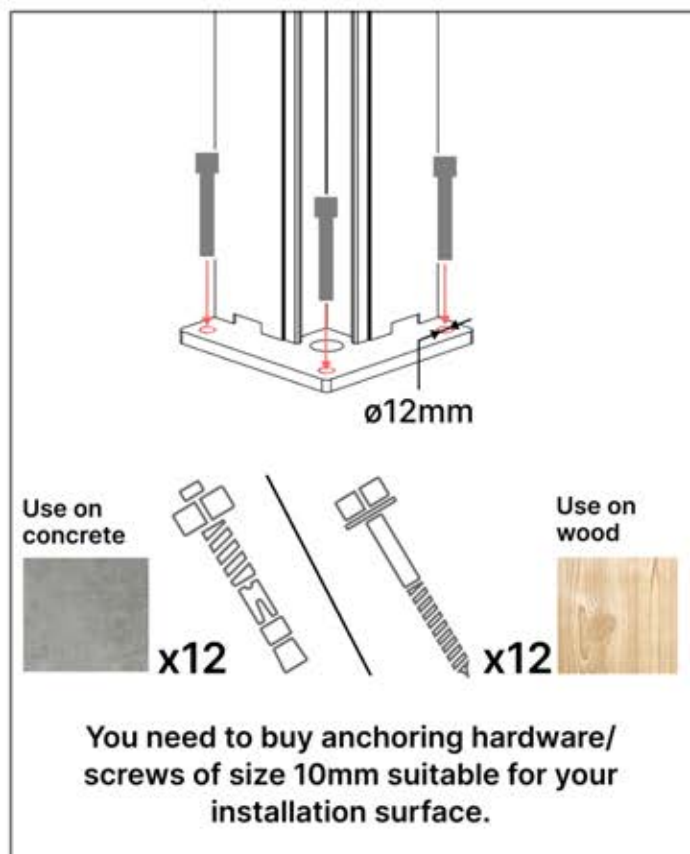


Motor



Turn around

INFORMATION



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

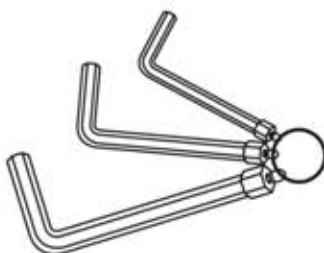
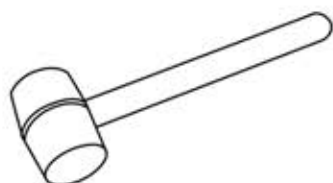
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



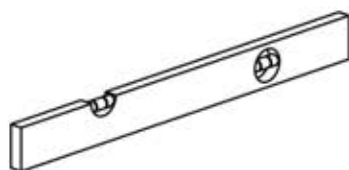
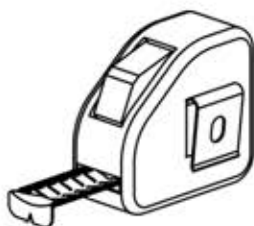
Apply lubricant to make screw assembly easier.



TOOLS

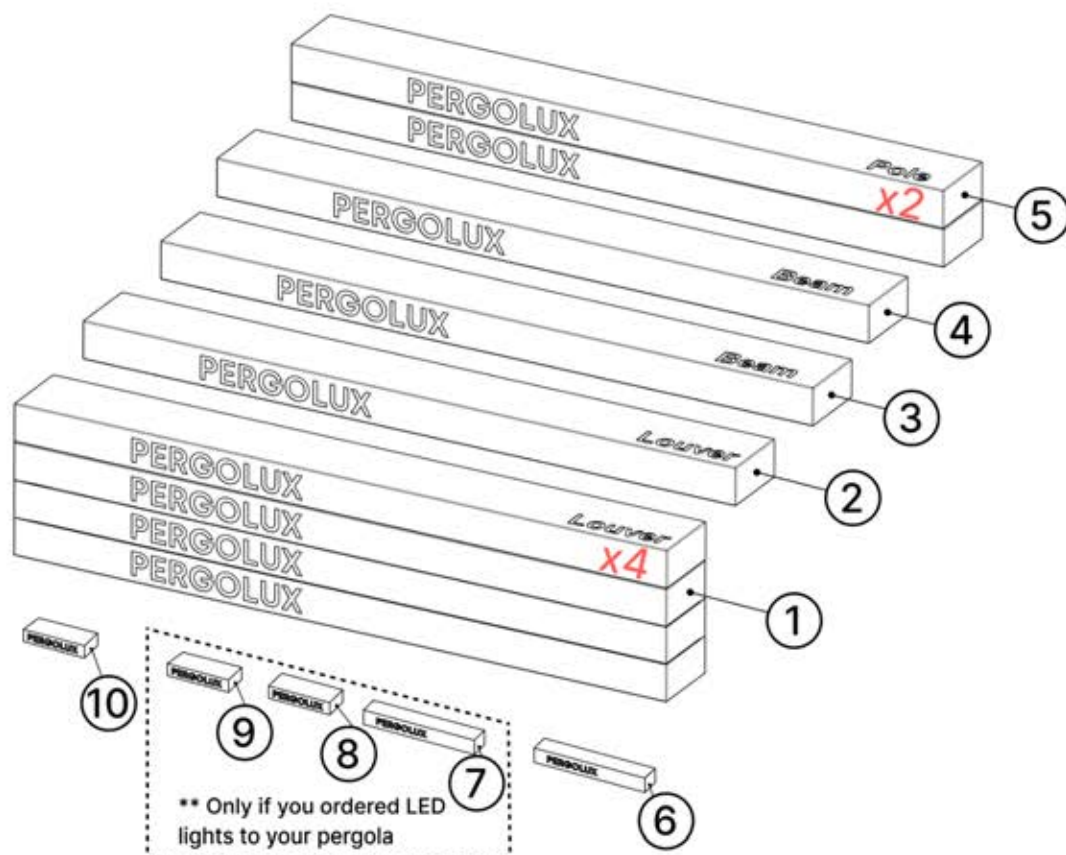


3mm, 4mm, 5mm



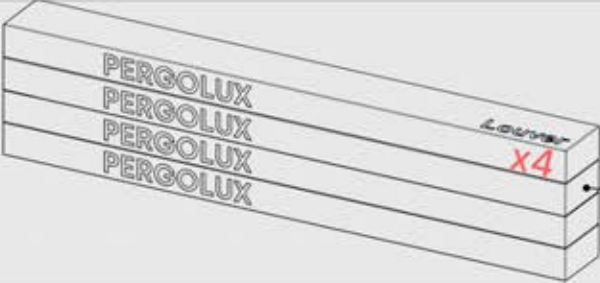
TX15, TX20, TX25, TX30

PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	L191	L195	L193
②	L203	L207	L205
③	B208	B212	B210
④	B280	B195	B192
⑤	C120	C122	C121
⑥	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR
⑦	CONTROL BOX		
⑧	POWER CABLE		
⑨	LED BOX		
⑩	SCREW KIT PN-200004208		

ITEM IN BOX



	ANTHRACITE	WHITE	BLACK
1	L191	L195	L193

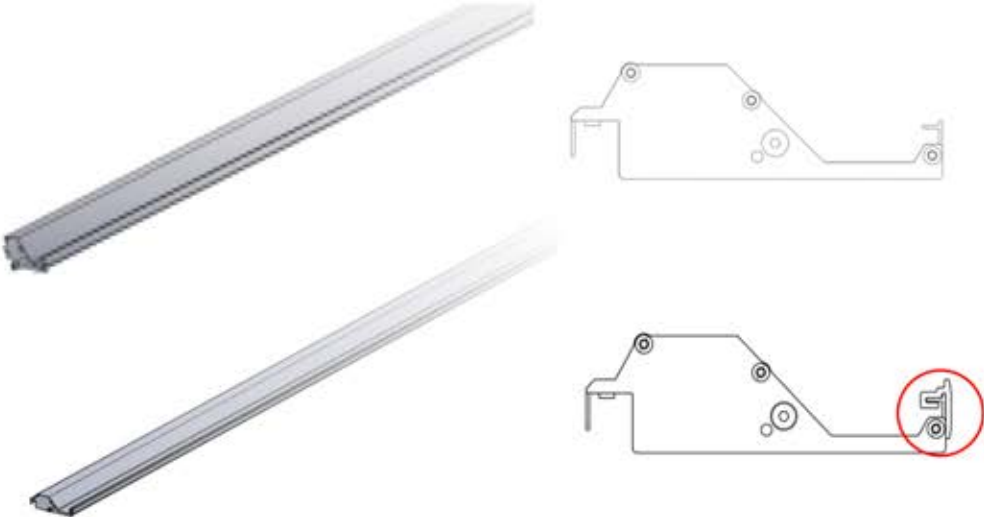


PN-200002714

24x



	ANTHRACITE	WHITE	BLACK
2	L203	L207	L205



PN-200002714

6x

PN-200002718

1x

ITEM IN BOX



3

ANTHRACITE WHITE BLACK

B208 B212 B210

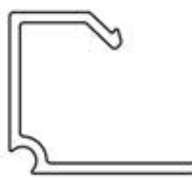


PN-200002746
2x



Premounted
PN-200002708
2x

ITEM IN BOX

	ANTHRACITE WHITE BLACK		
	4	B280	B195 B192
		PN-200002993 1x	
		PN-200002995 1x	
		PN-200002974 1x	
		PN-200002861 1x	
		PN-200002972 1x	

ITEM IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE WHITE BLACK

4

B280

B195

B192



PN-200002973

1x



PN-20000
3280

5.5x60
7/32" x 2-3/8"



PN-200000560
20x



PN-20000
3320



PN-200000826
2x



PN-20000
3310



PN-200002709
4x



5.5 x 70

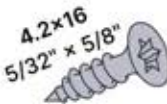
PN-200000958
4x



PN-20000
3282



PN-200001514
4x



4.2x16
5/32" x 5/8"

PN-200000840
12x



PN-20000
3278



PN-200003031
1x



PN-200003030
1x



150mm

PN-200003033
2x



4.2x16
5/32" x 5/8"

PN-200001207
2x

ITEM IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



4

ANTHRACITE WHITE BLACK

B280

B195

B192



PN-20000
3319



PN-200003370
1x



PN-200003367
1x



PN-200003368
2x



PN-200000853
2x



PN-200000502
1x



PN-200000561
1x



PN-200000511
2x



PN-200003317
1x



PN-200003318
1x



PN-20000
3342



PN-200002706
8x



PN-20000
3279



PN-200000568
32x



PN-20000
3281



PN-200002622
4x



PN-200000680
8x



PN-200001340
1x

ITEM IN BOX



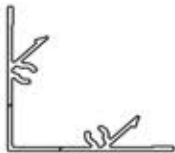
5

ANTHRACITE WHITE BLACK

C120 C122 C121



PN-200002606
4x



PN-200003386
4x



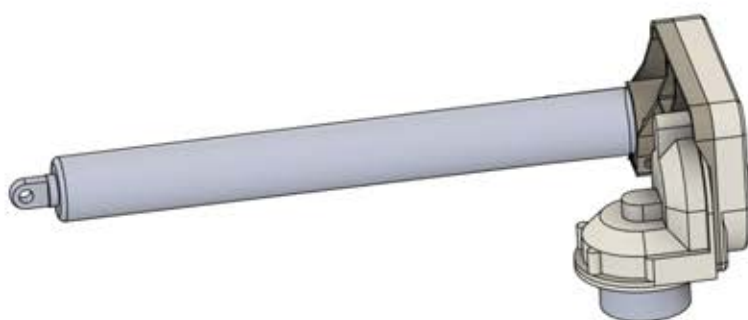
PN-200001514
4x

ITEM IN BOX



6

MANUAL MOTOR



Manual motor
PN-200003774

1x



PN-200003773

1x



PN-200001624

1x



PN-200001625

2x



Hand crank

1x

ITEM IN BOX



** Only if you ordered LED lights to your pergola.



7

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



**** Only if you ordered LED lights to your pergola.**



8

POWER CABLE



PN-200003781

1x



**** Only if you ordered LED lights to your pergola.**



9

LED BOX



LED Light Strip

4x

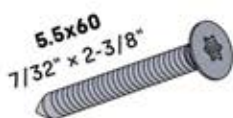


**** Only if you ordered LED lights to your pergola.**



10

SCREW KIT
PN-200004208



PN-200004204

28x



PN-200004205

32x



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

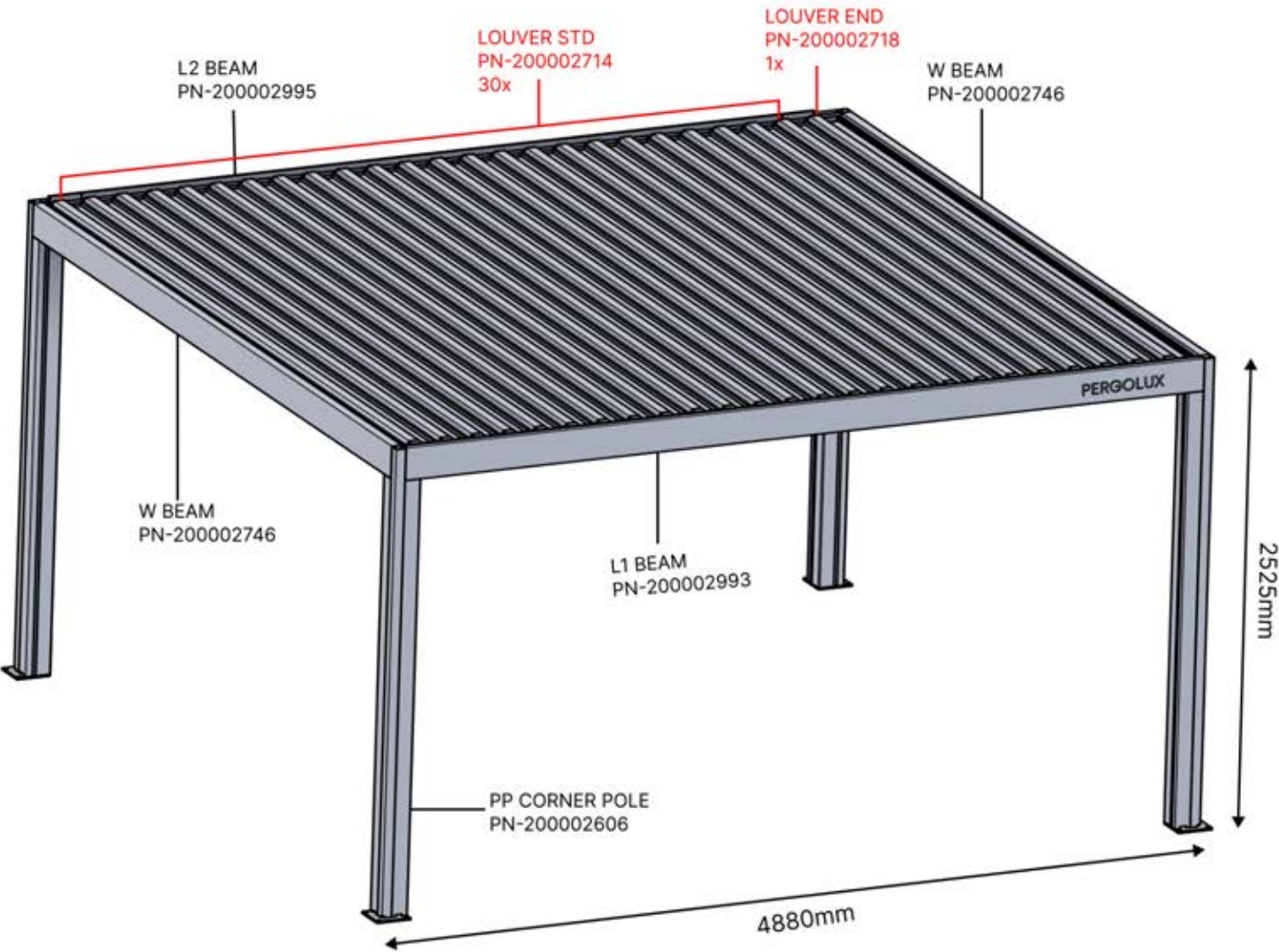


CONTROL BOX

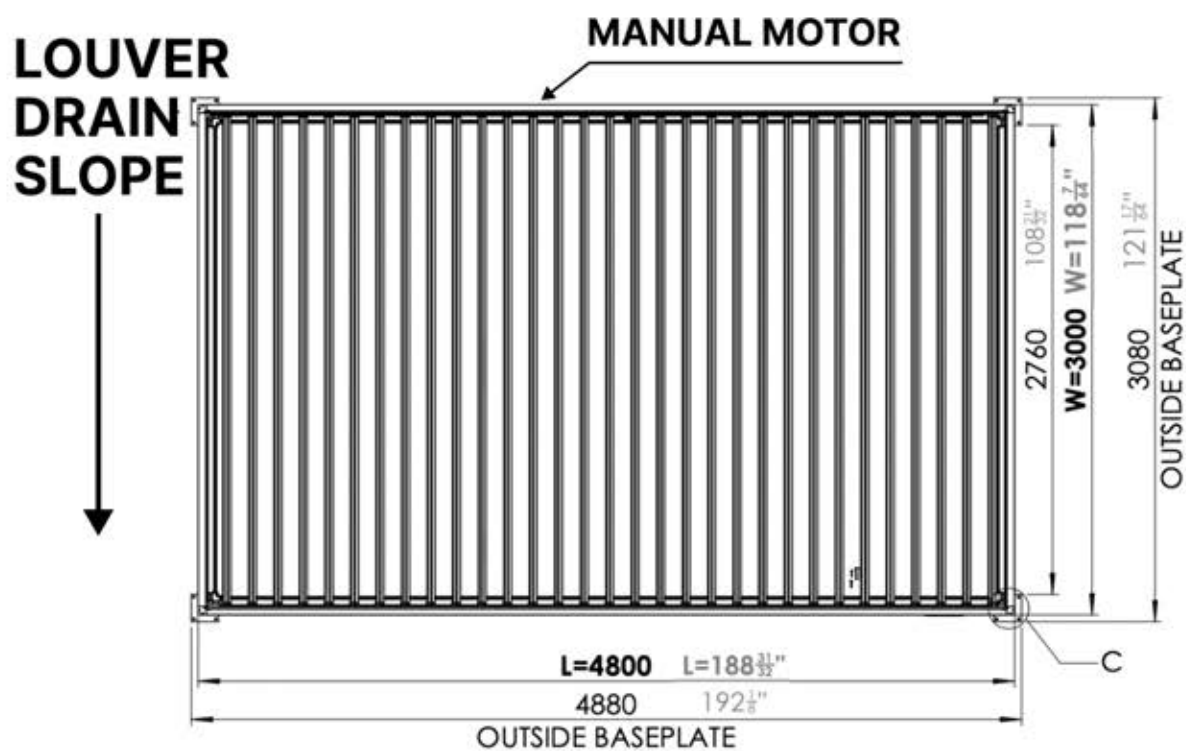
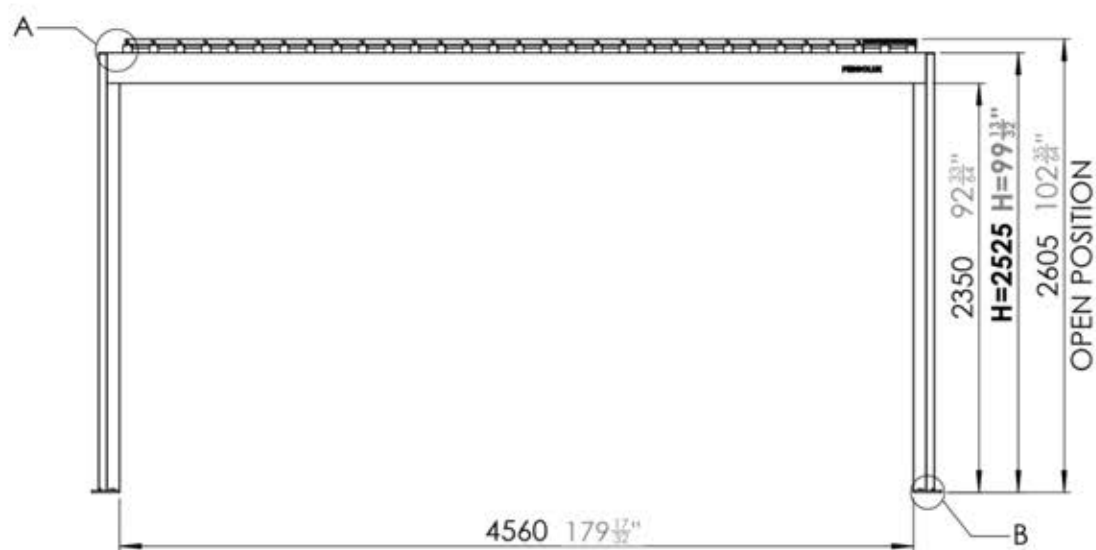
[View Manual](#)

PERGOLUX | PERGOLA+ FREESTANDING S4

3X5M / 10'X16'



3X5M / 10'X16'



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.

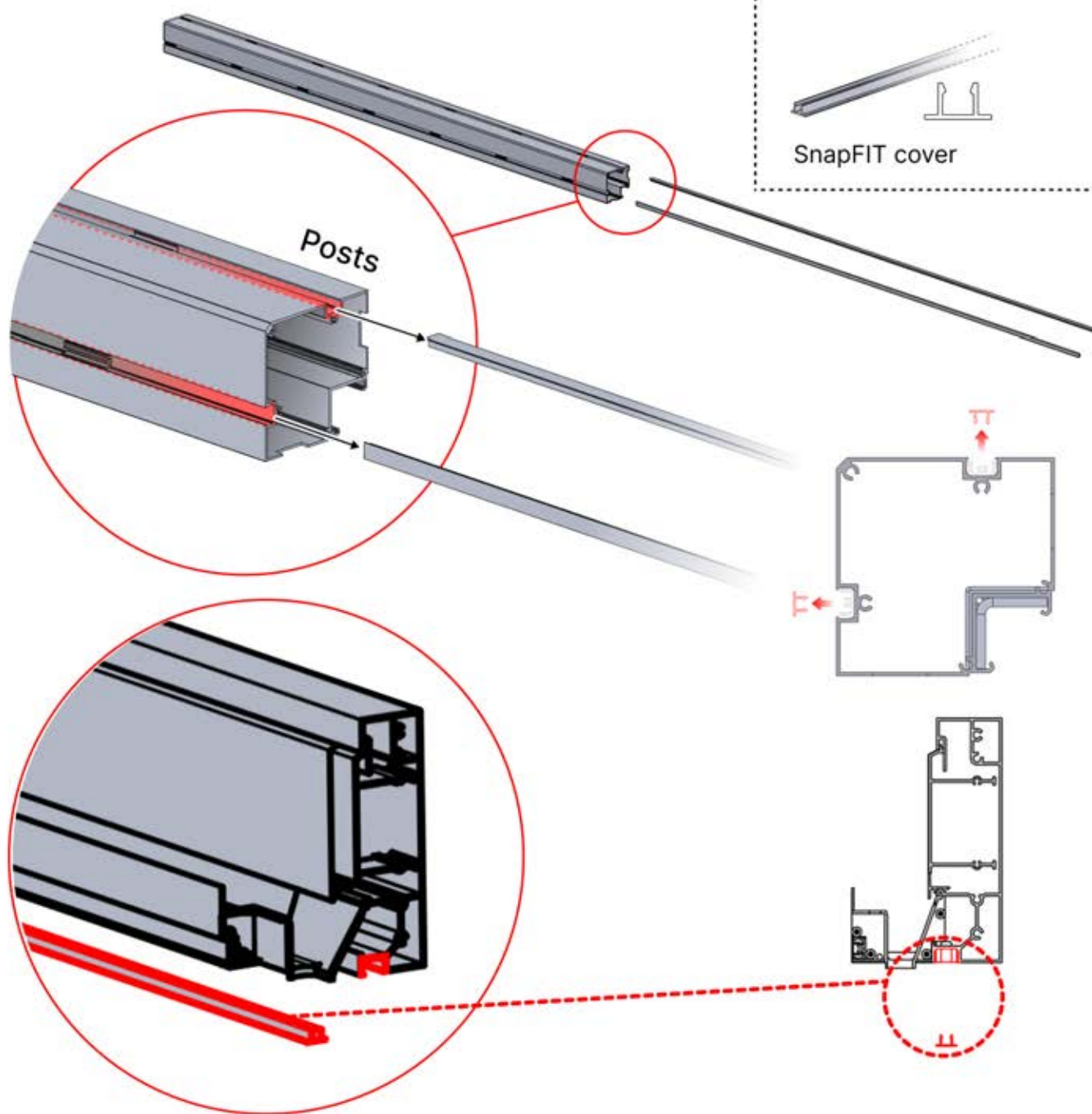
Cover and clips



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.

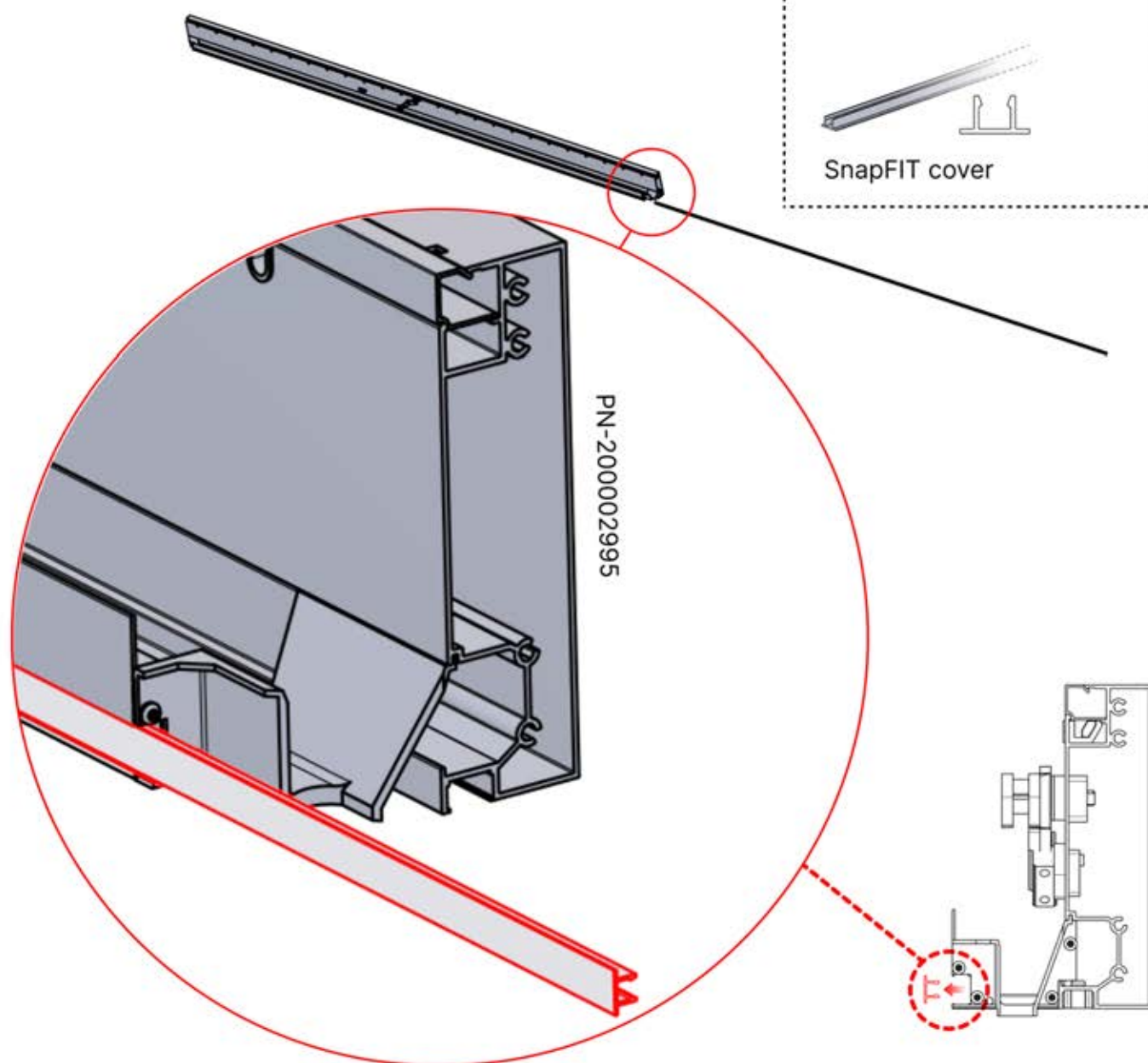
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



INFORMATION



3

ANTHRACITE: B208
WHITE: B212
BLACK: B210



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



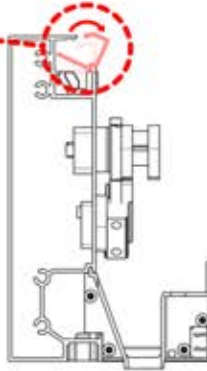
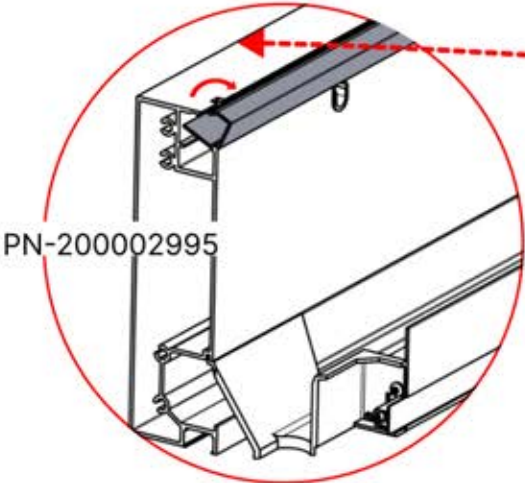
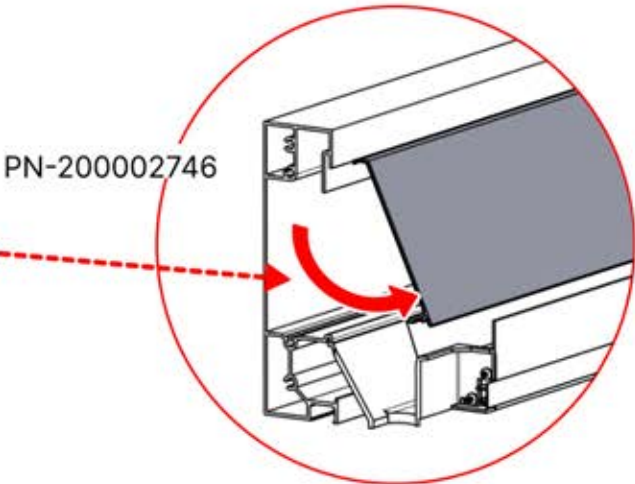
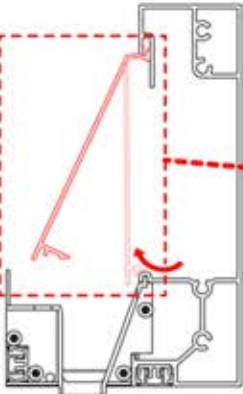
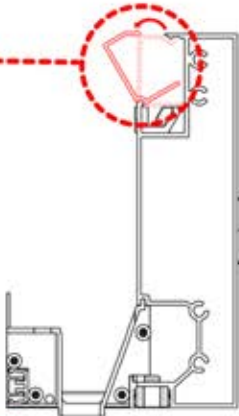
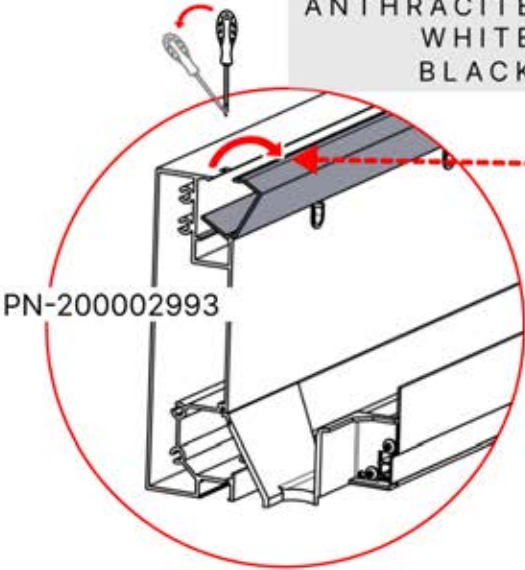
PN-200002746
2x



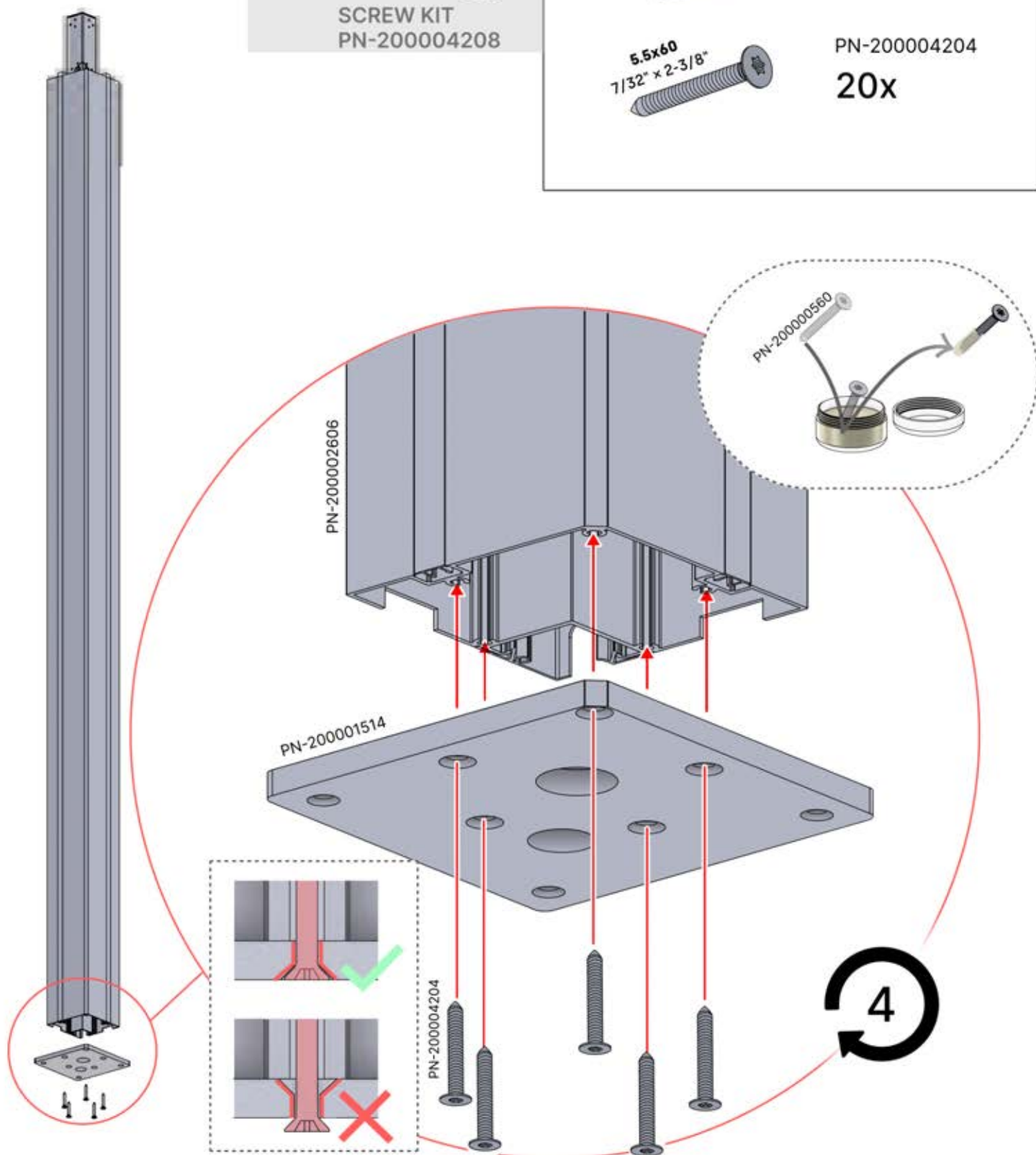
PN-200002993
1x



PN-200002995
1x



01



02



4

ANTHRACITE:	B280
WHITE:	B195
BLACK:	B192

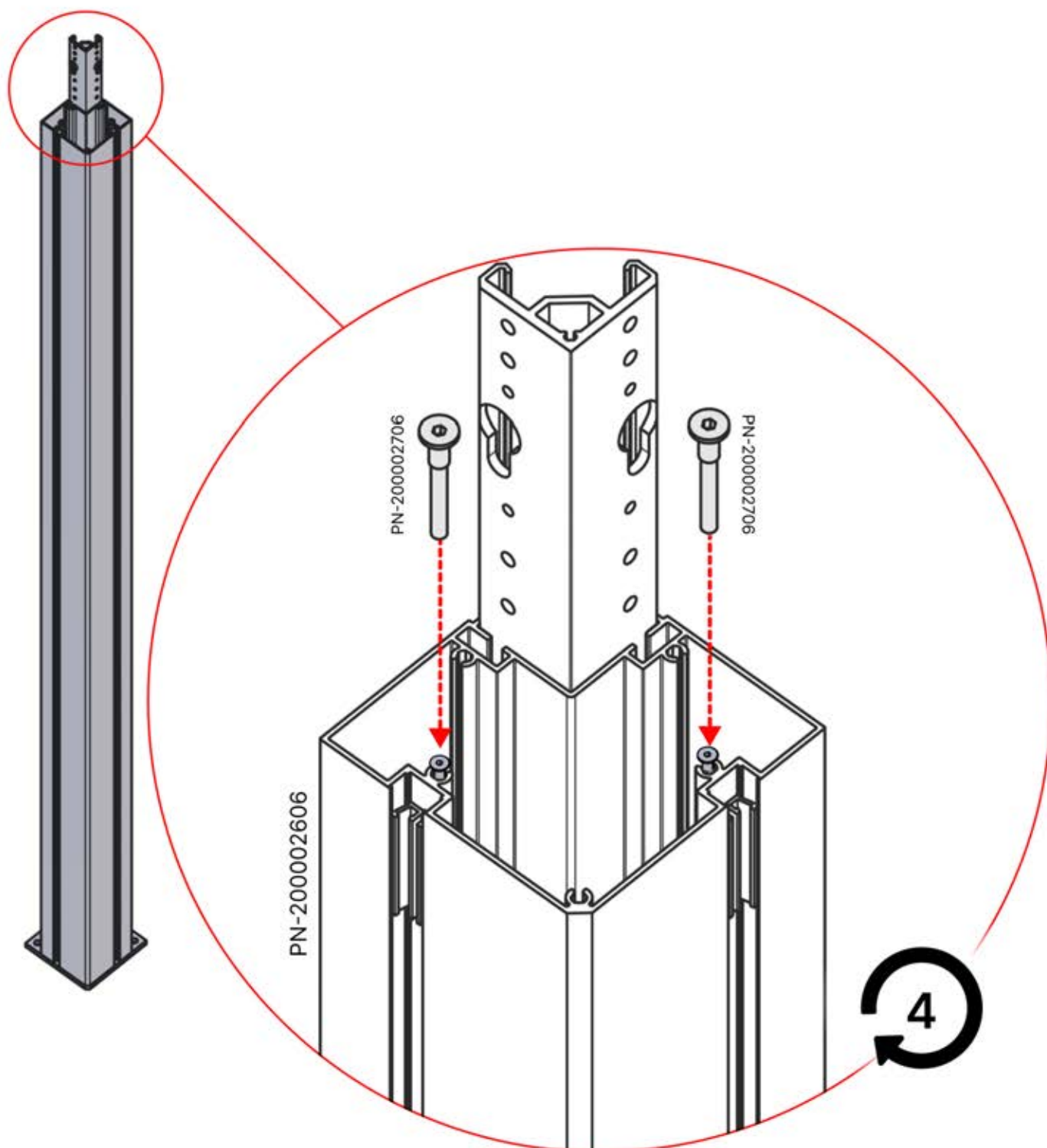


PN-200002706

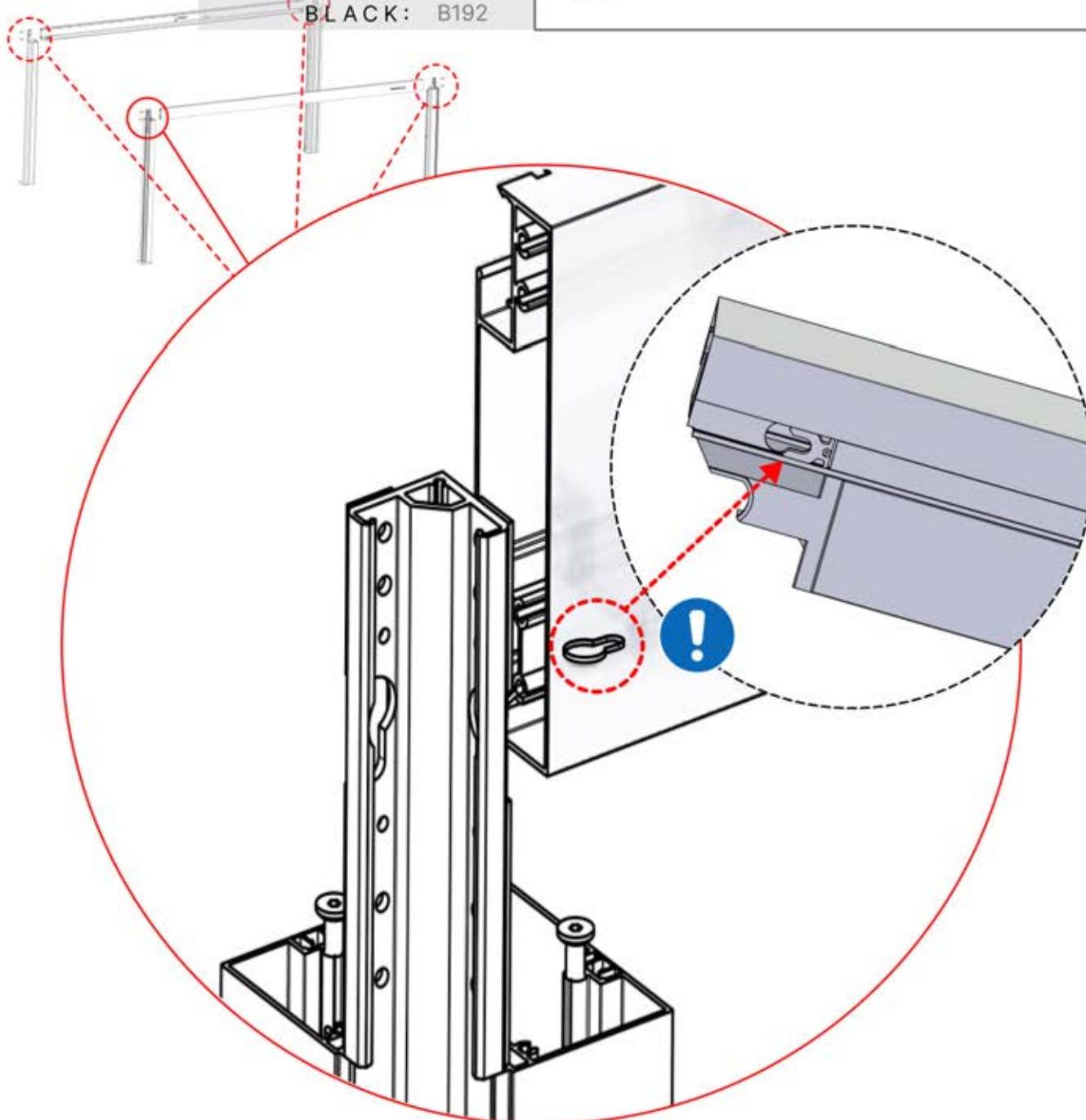
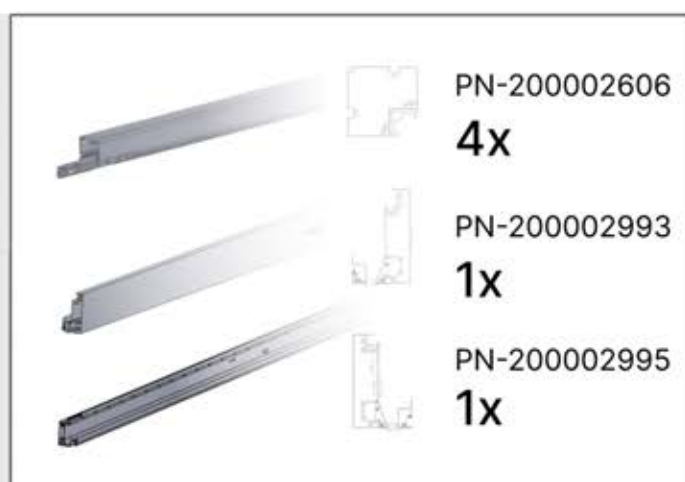
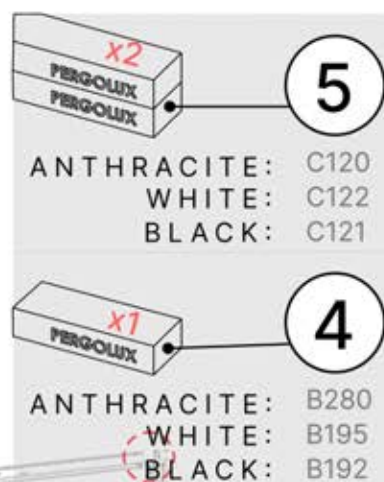
8x

PN-20000
3342

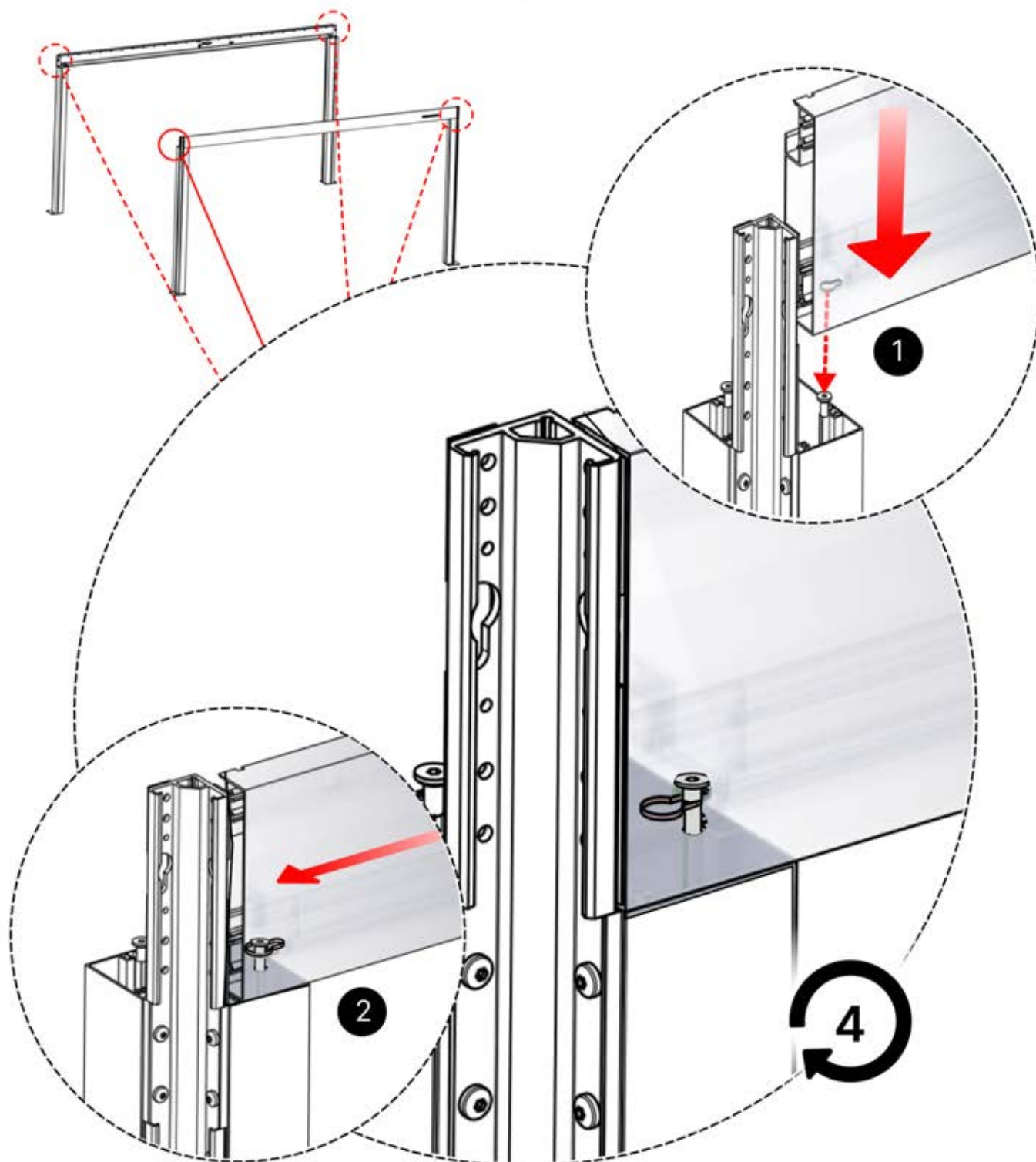
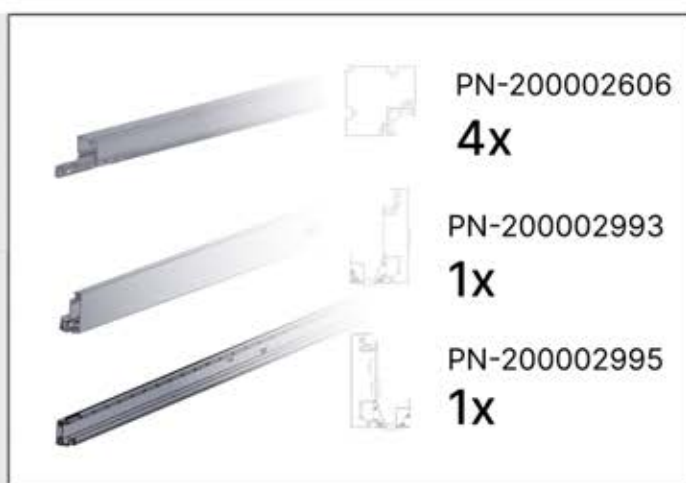
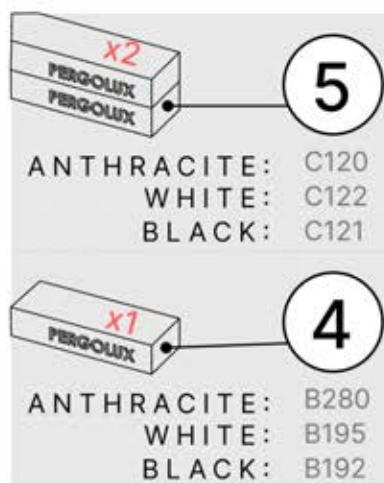
Zip Bag



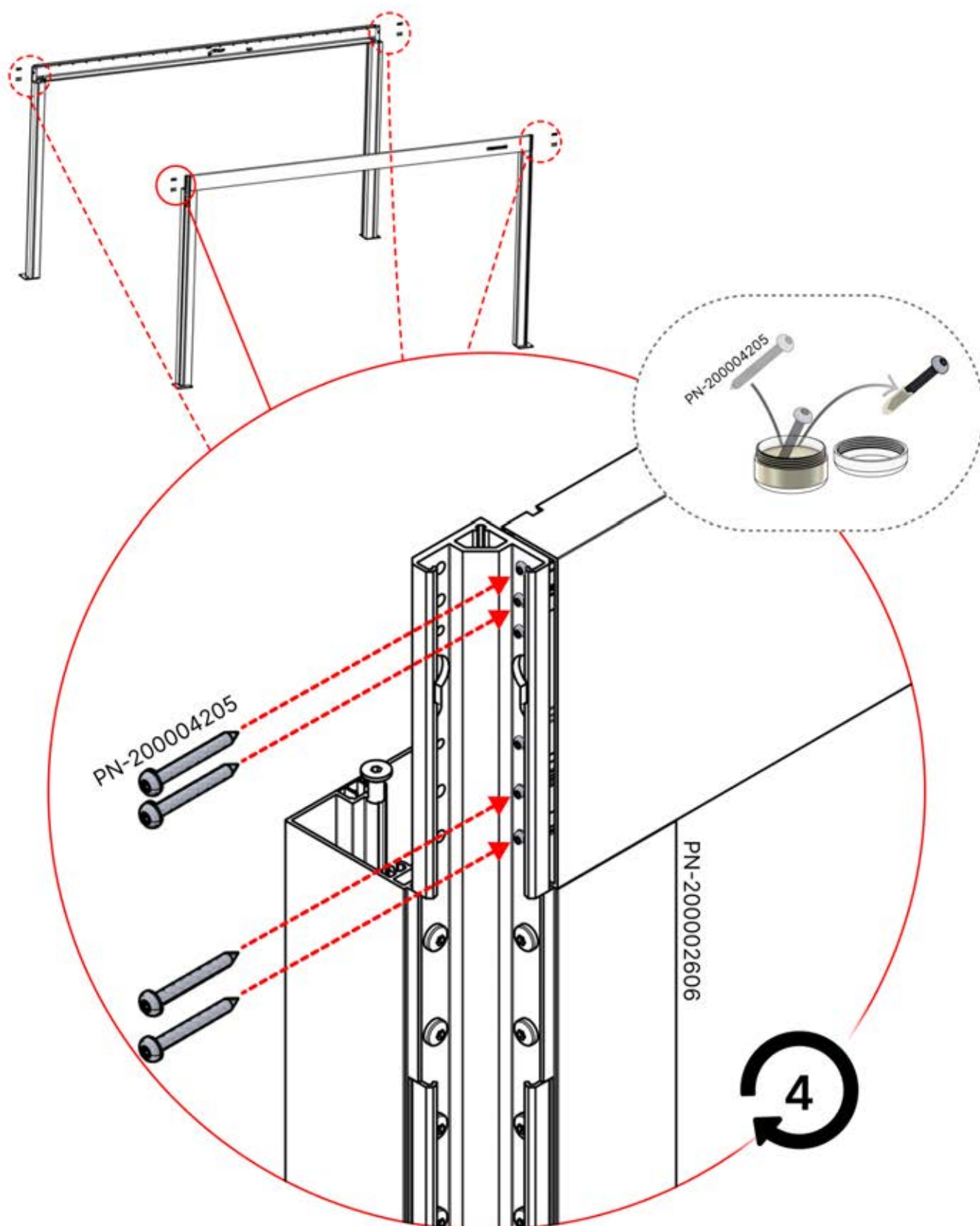
INFORMATION



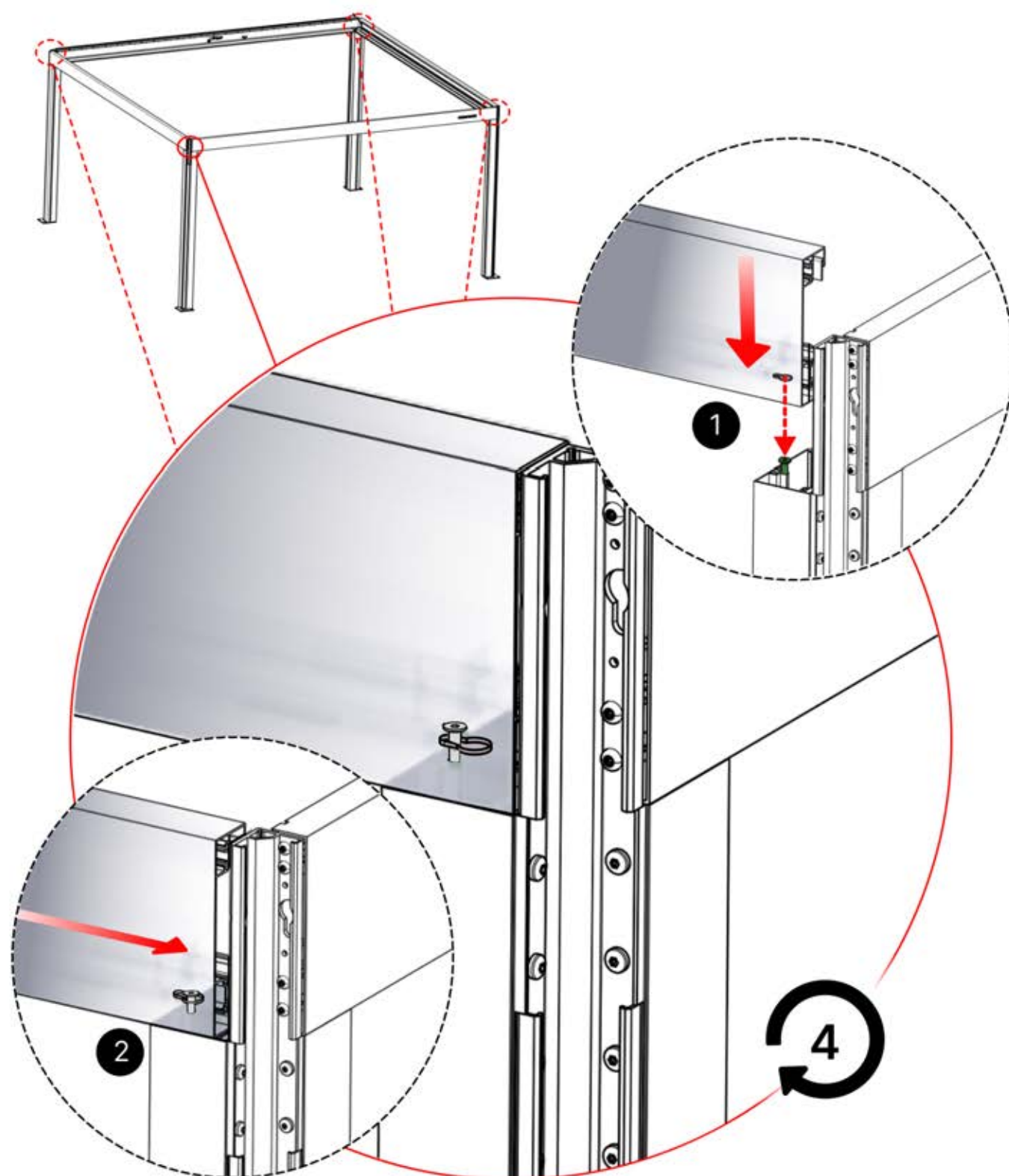
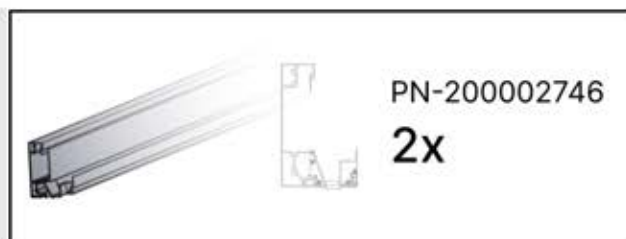
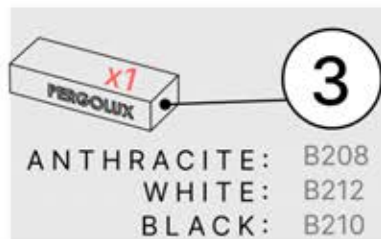
03



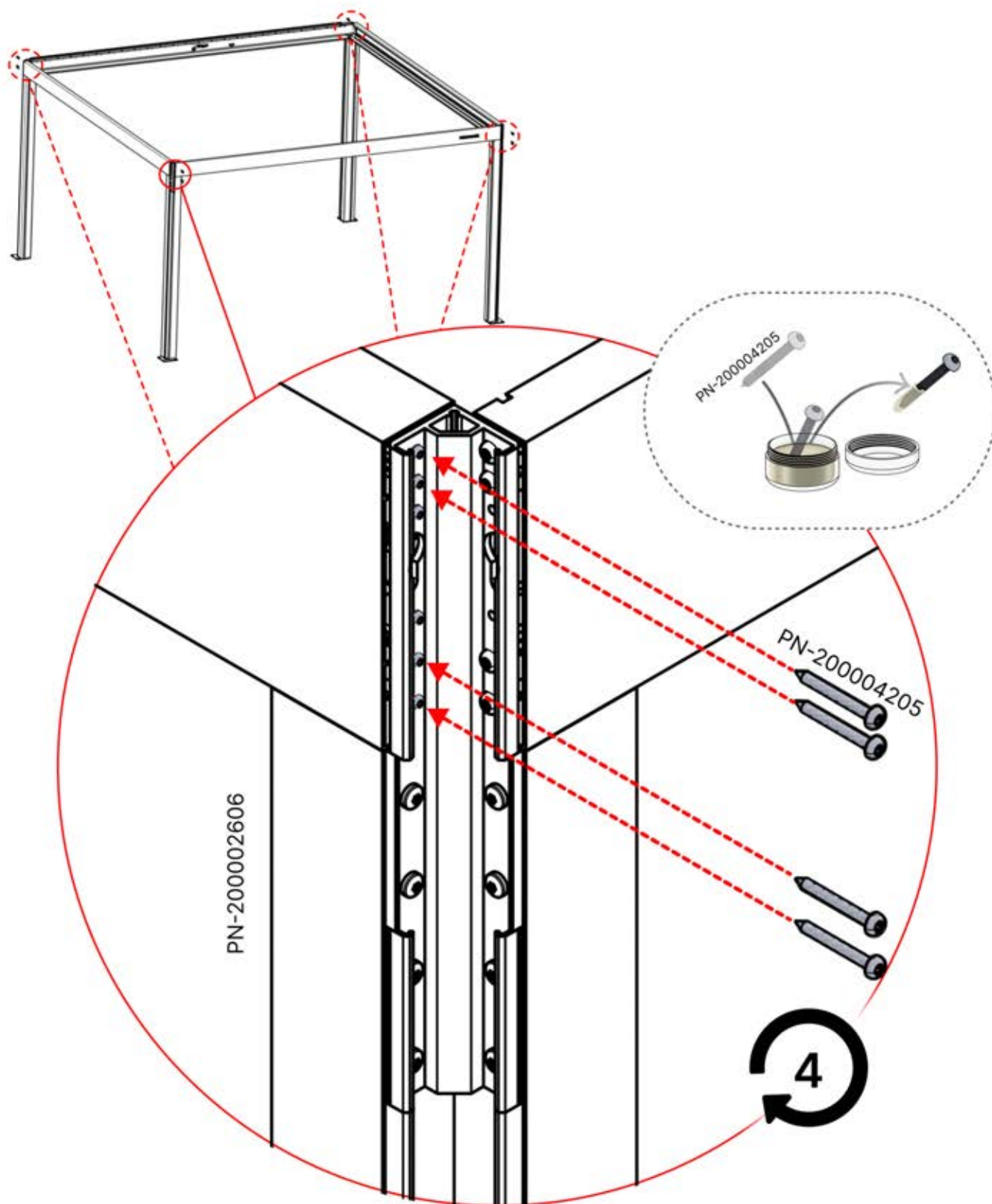
04



05



06



07

x1
FERGOLUX

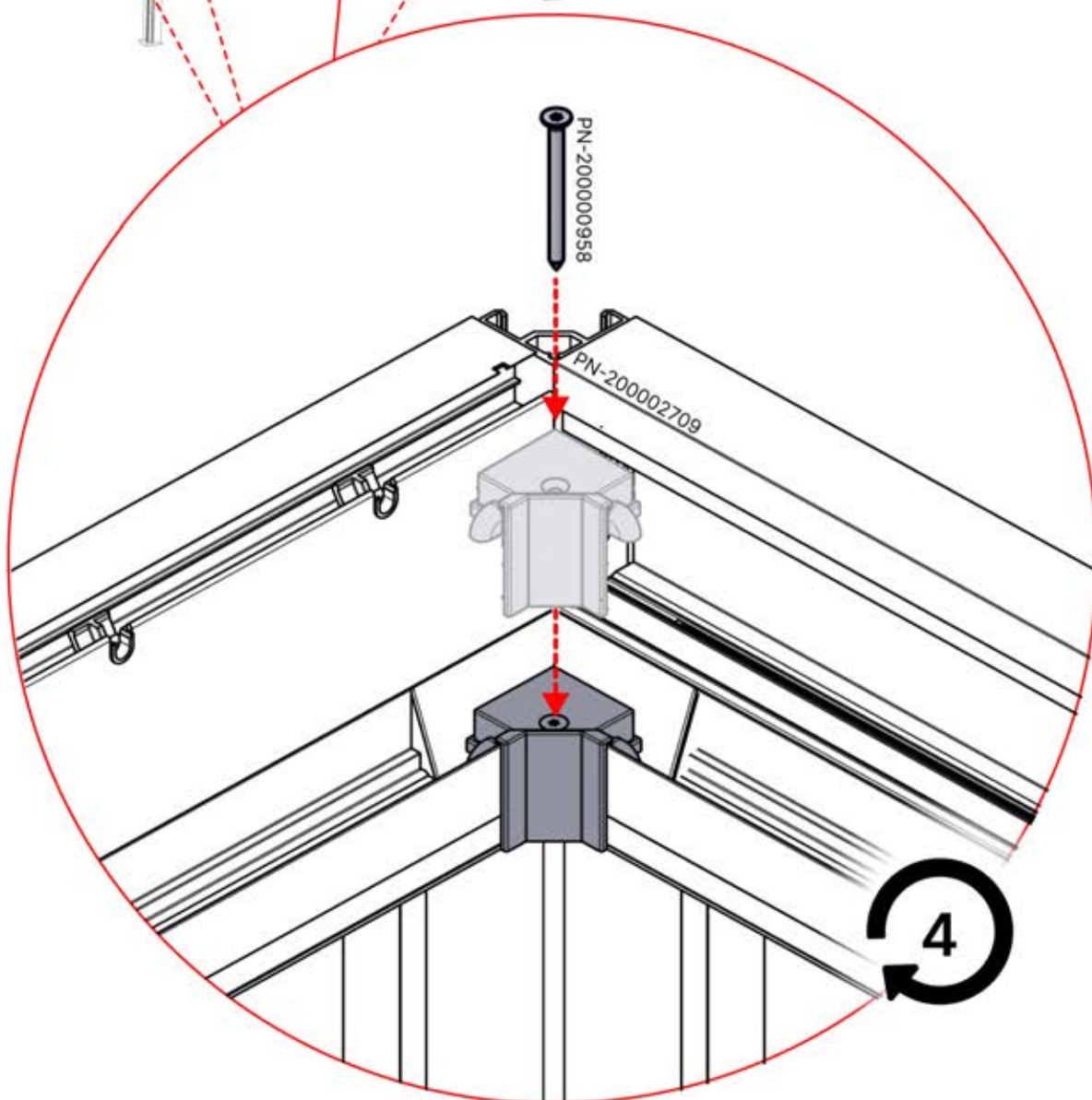
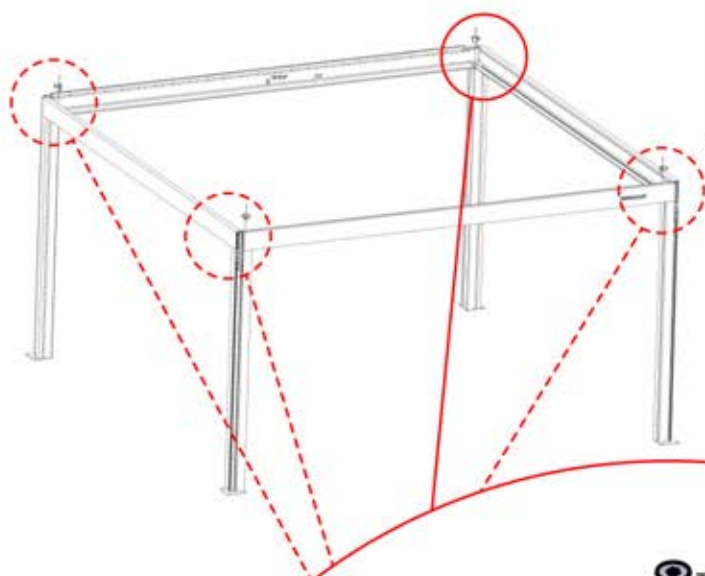
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192

PN-200002709
4x

PN-200000958
4x

PN-20000
3310 



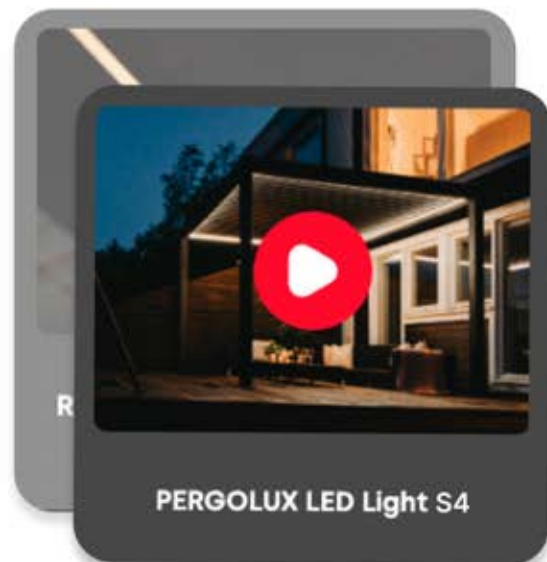
INFORMATION

Have you ordered LED-Lights?

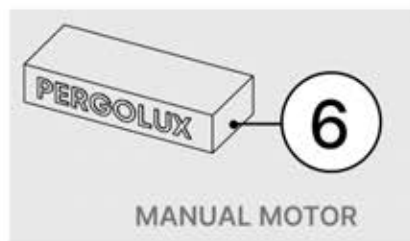
Now is the time to start the assembling.



Follow the instruction for the LED lights in the assembly PDF and Video linked:



08



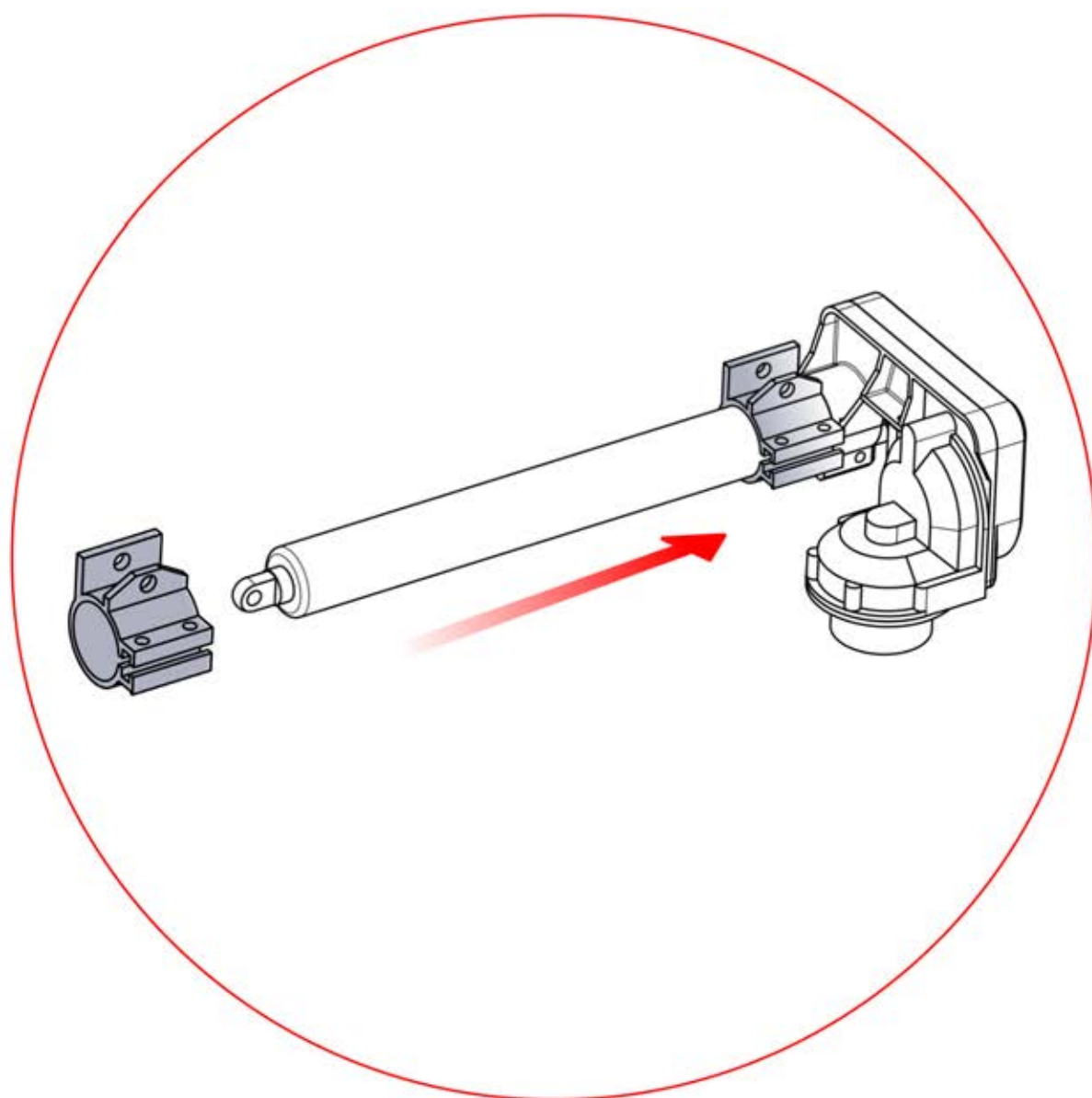
PN-200003774

1x



PN-200003773

1x



09

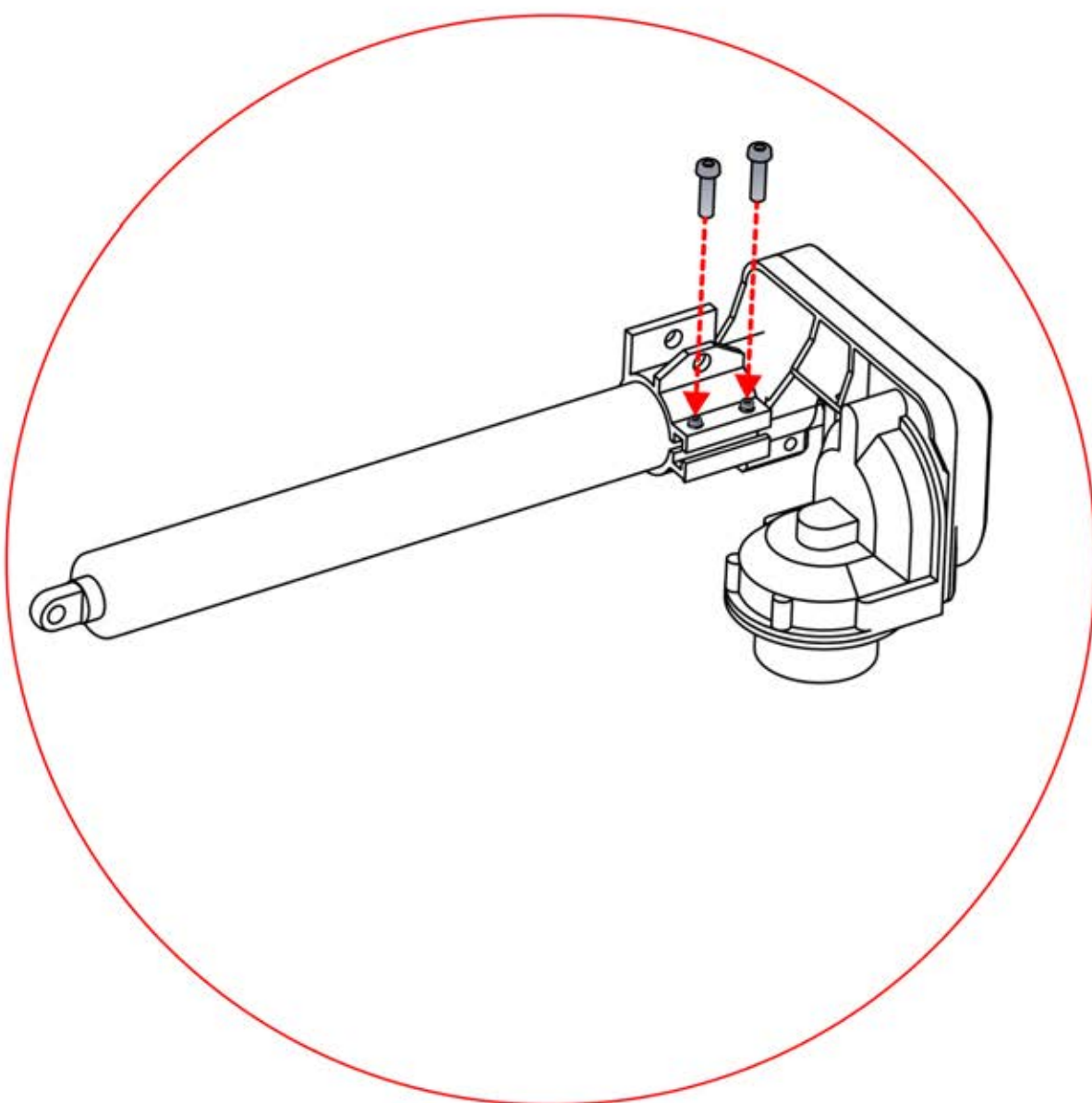


MANUAL MOTOR



PN-200001625

2x

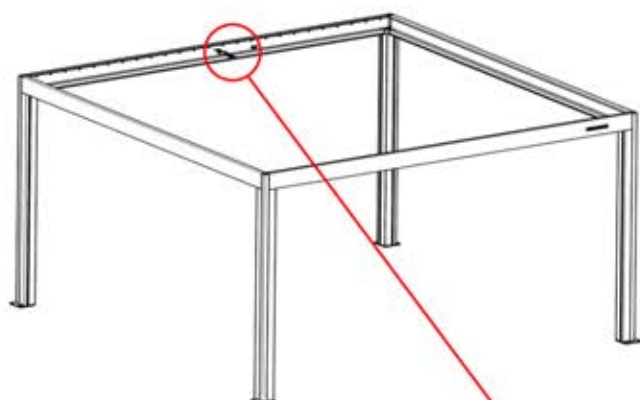


10



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003318
1x



PN-200003317
1x



PN-200000511
2x

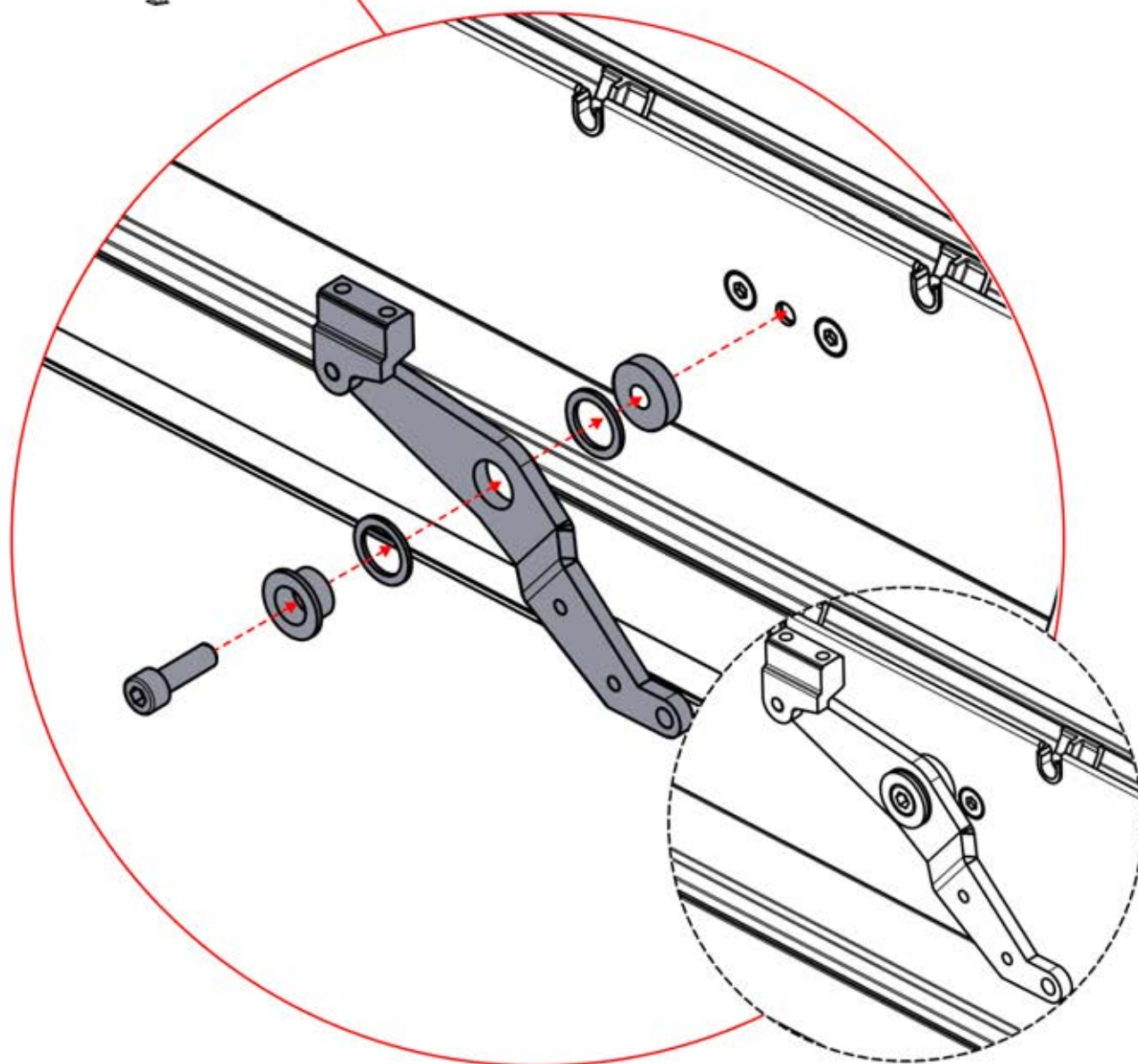


PN-200000502
1x



PN-200000561
1x

PN-20000
3319 Zip Bag



11



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003367
1x



PN-200000853
2x

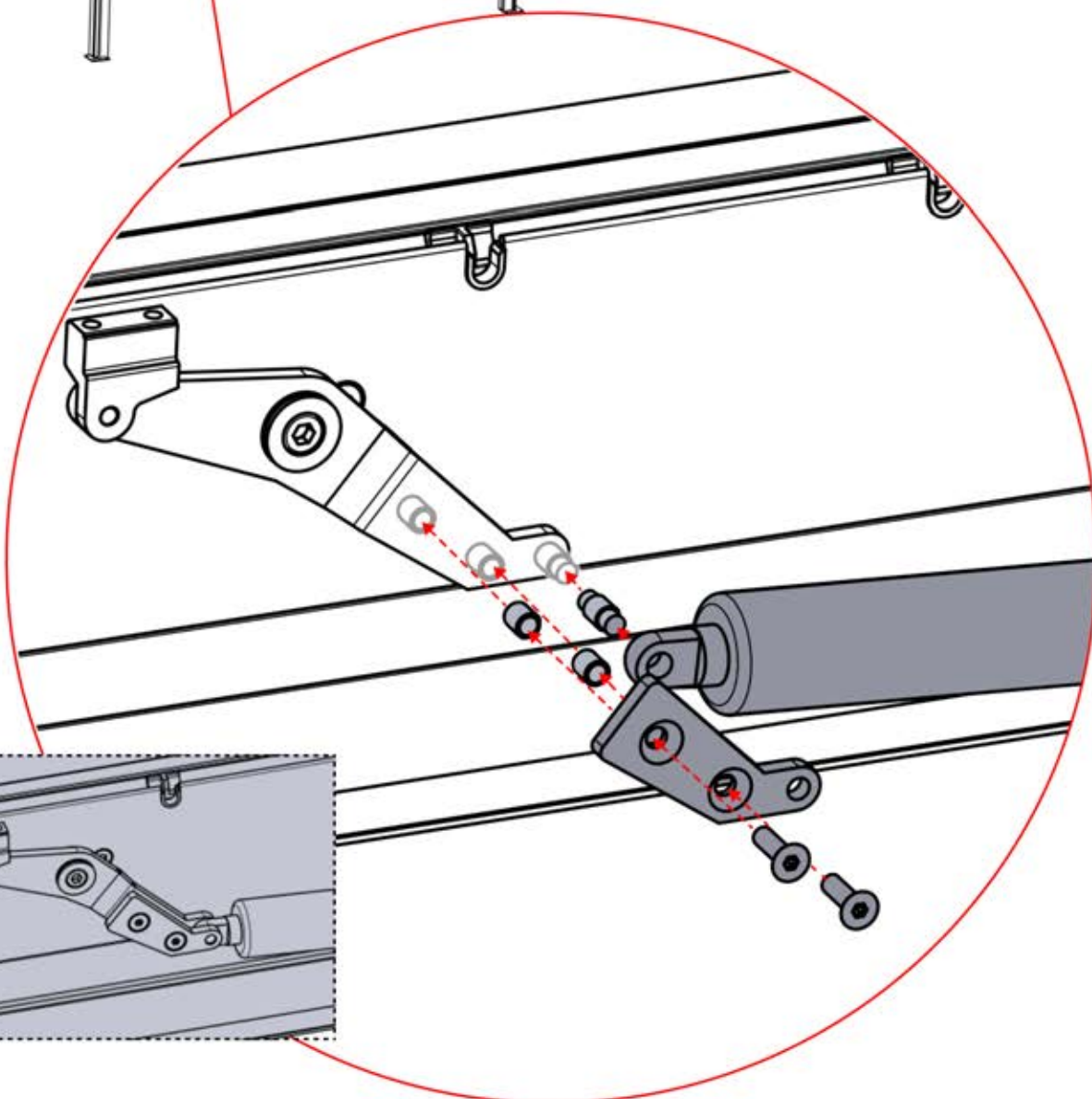
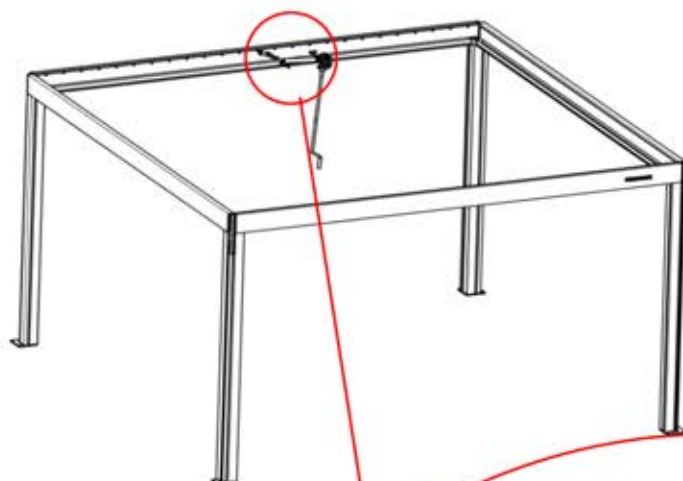


PN-200003370
1x

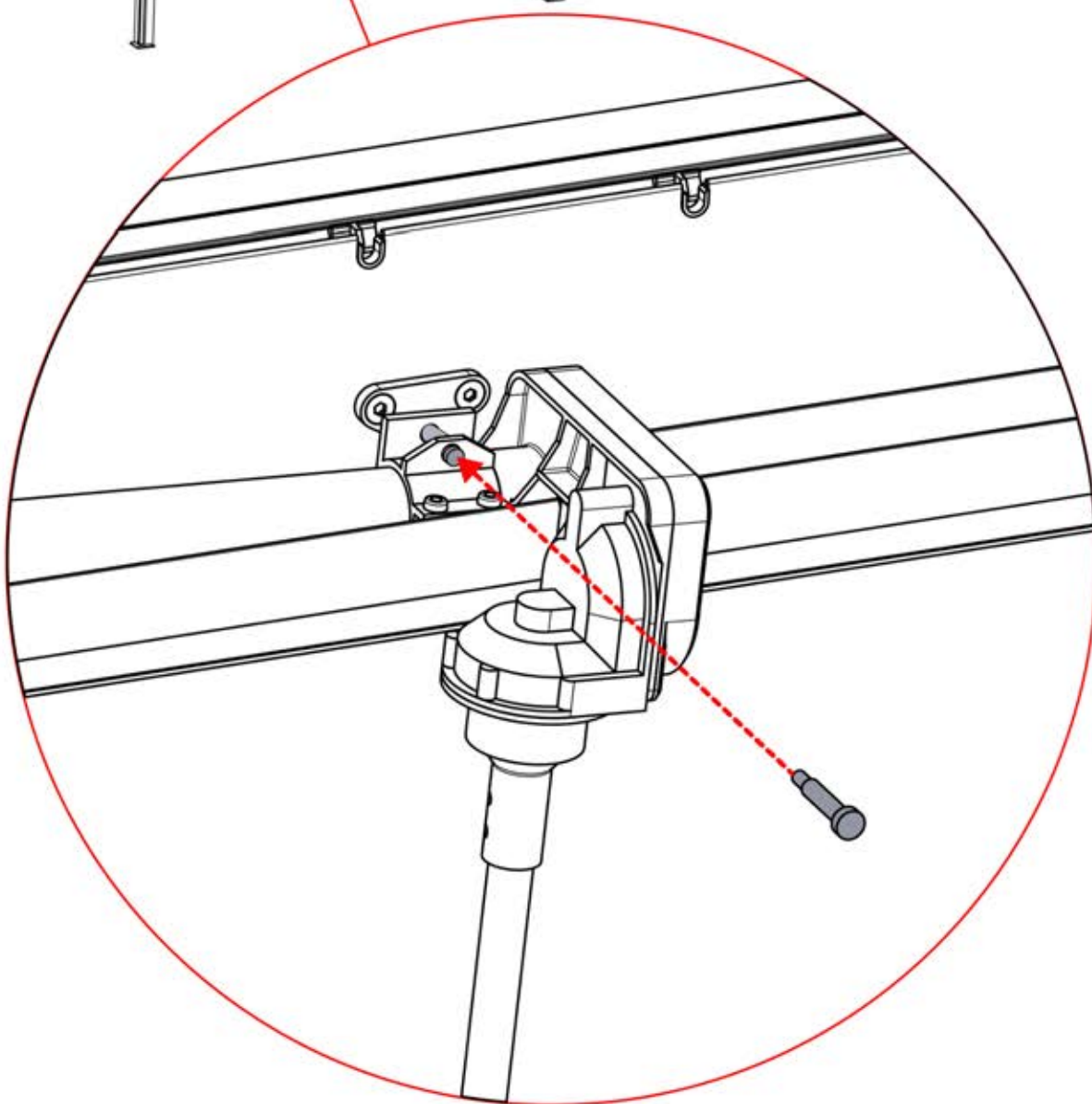
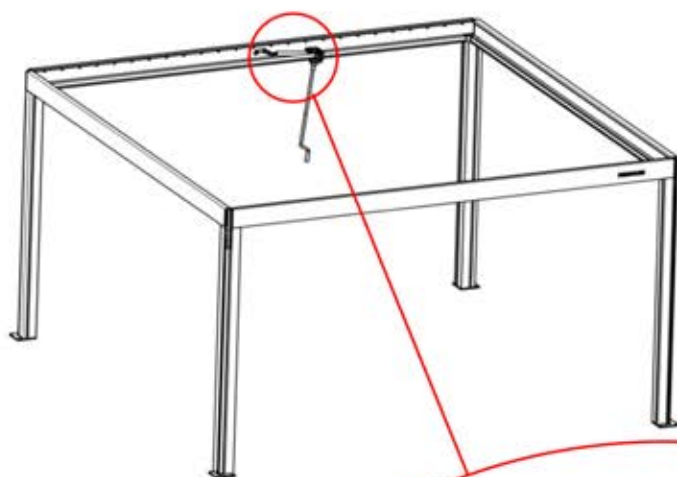
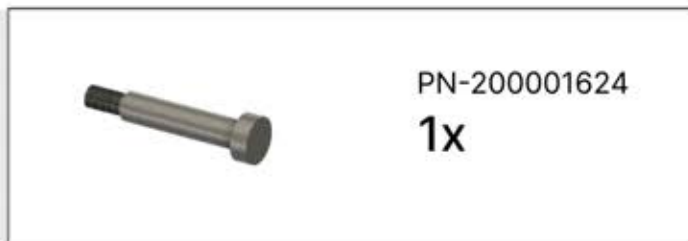
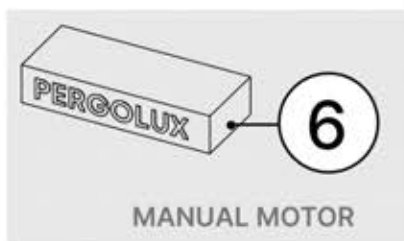


PN-200003368
2x

PN-20000
3319 Zip Bag



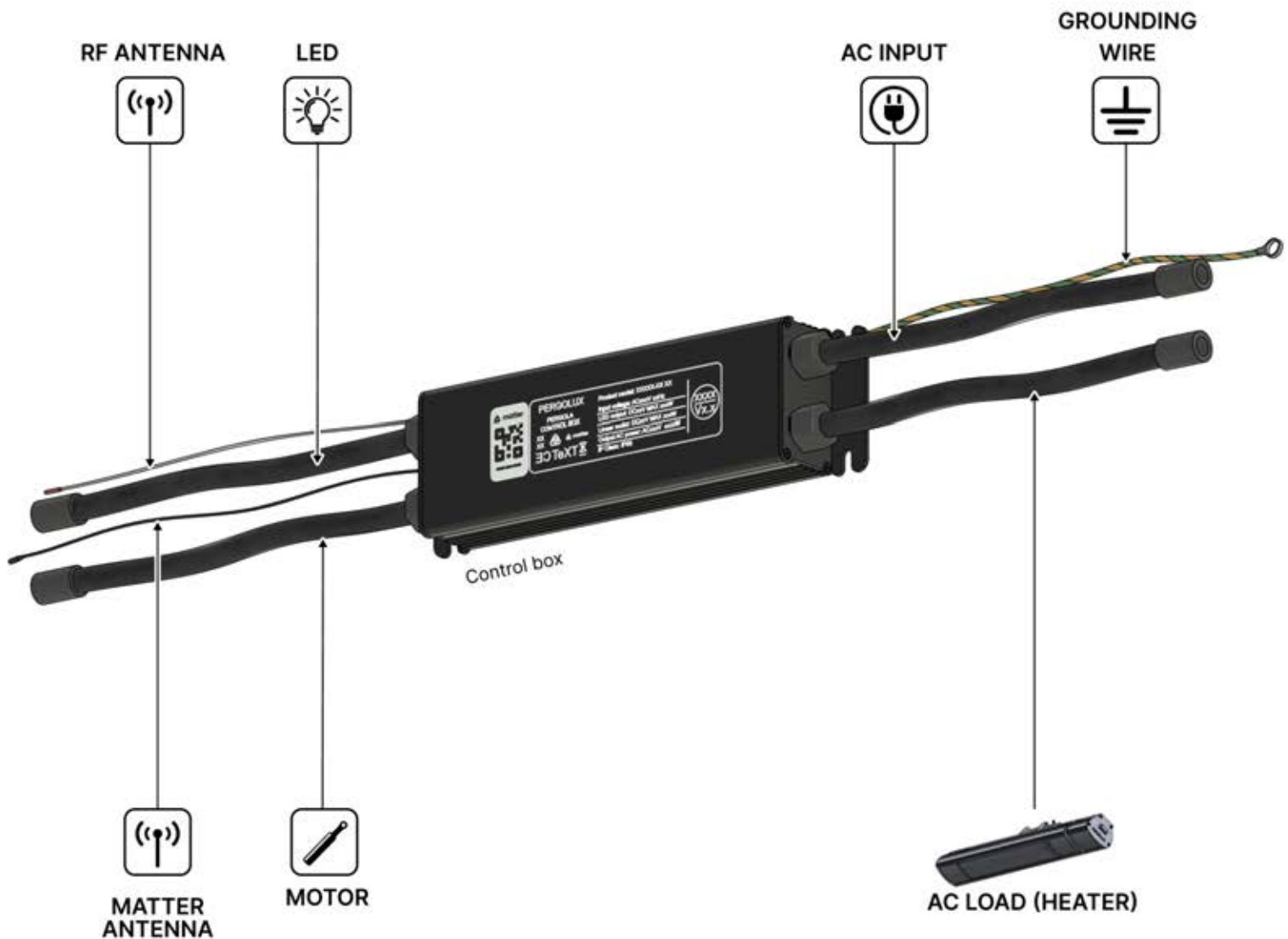
12



INPUTS AND OUTPUTS



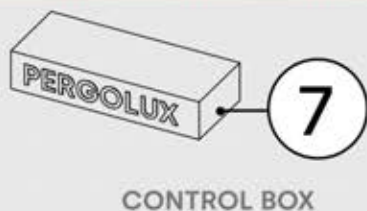
** Only if you ordered LED lights to your pergola.





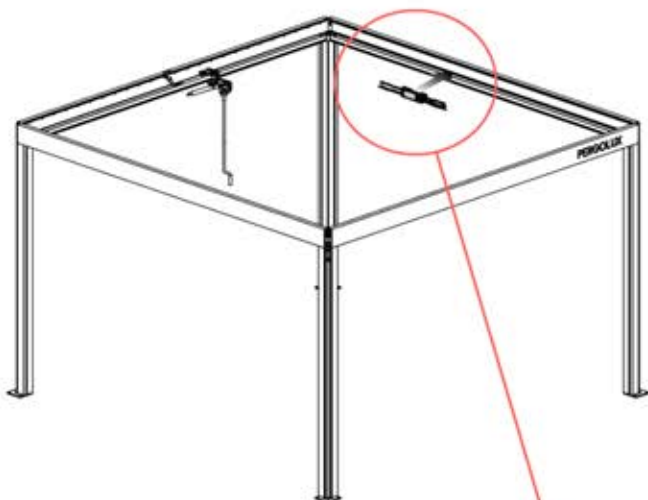
**** Only if you ordered LED lights to your pergola.**

13

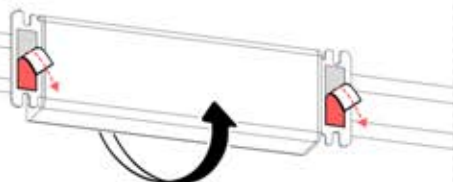
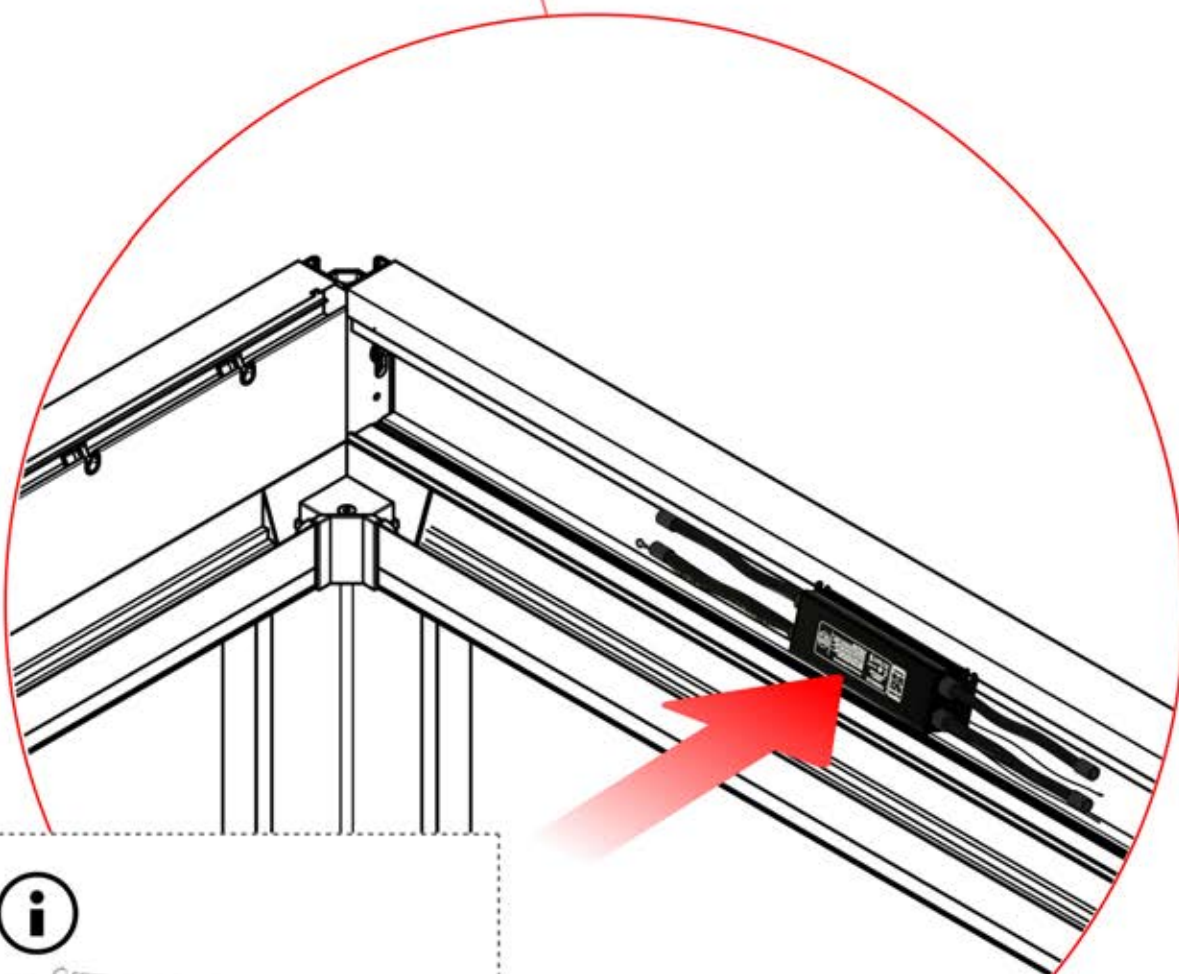


Control box

1x



Control Box can be
installed on
Preferred W BEAM





**** Only if you ordered LED lights to your pergola.**

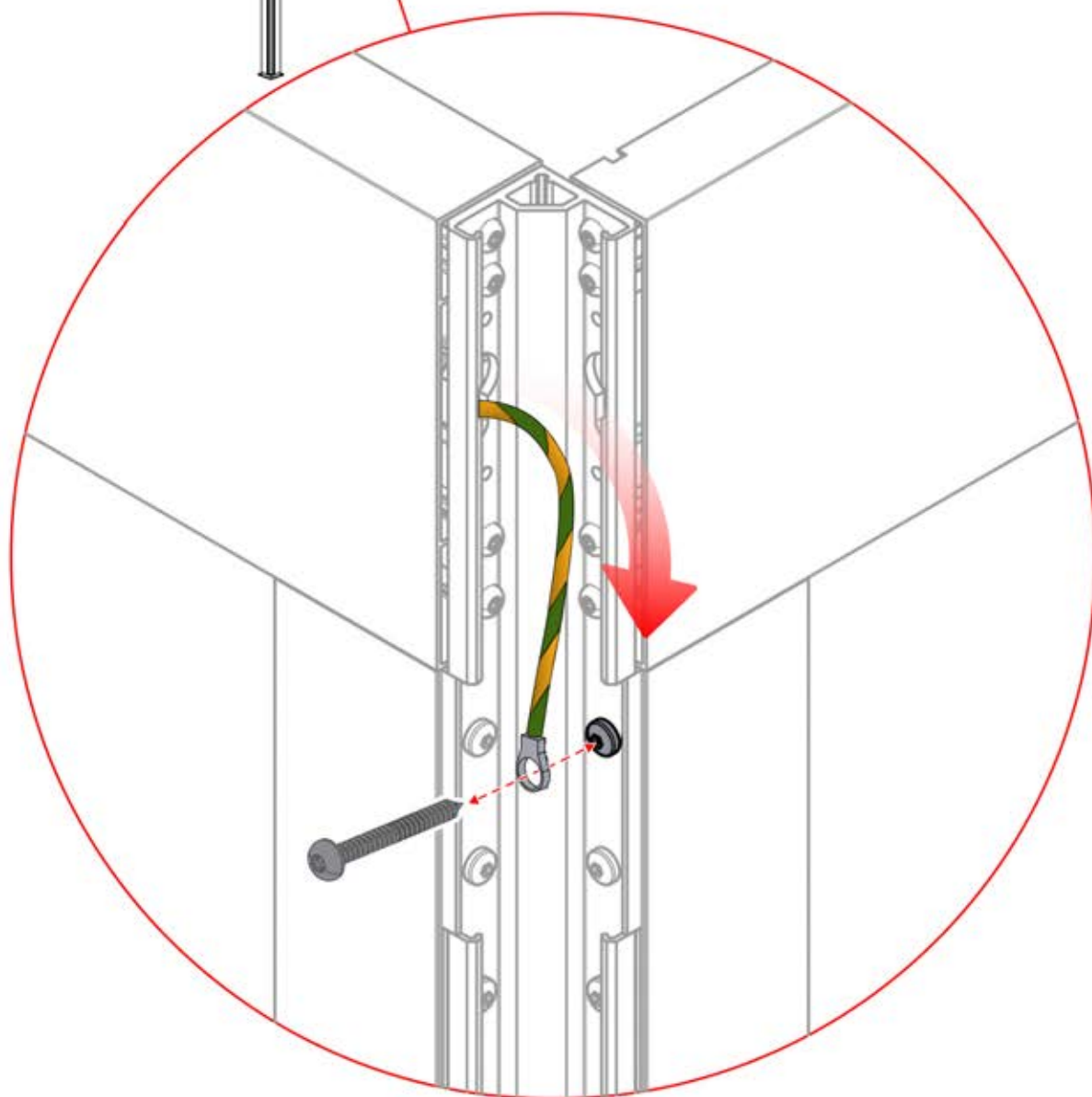
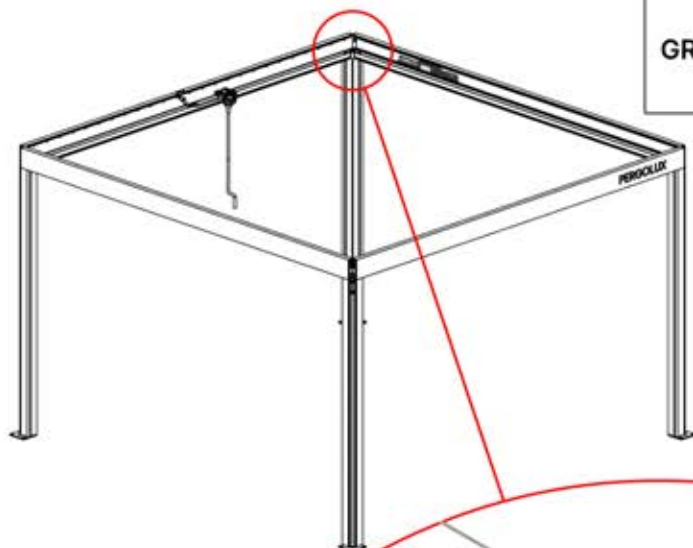
14



**Connect grounding
wire before connecting to
power!**



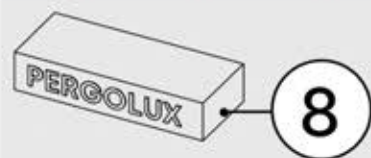
GROUNDING





**** Only if you ordered LED lights to your pergola.**

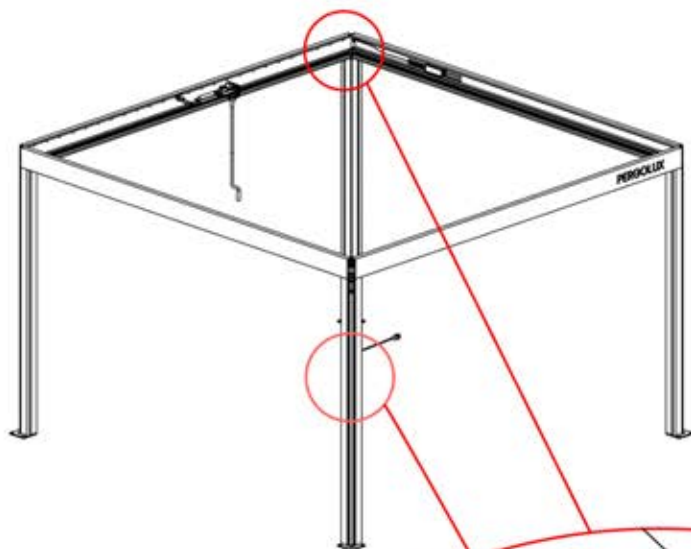
15



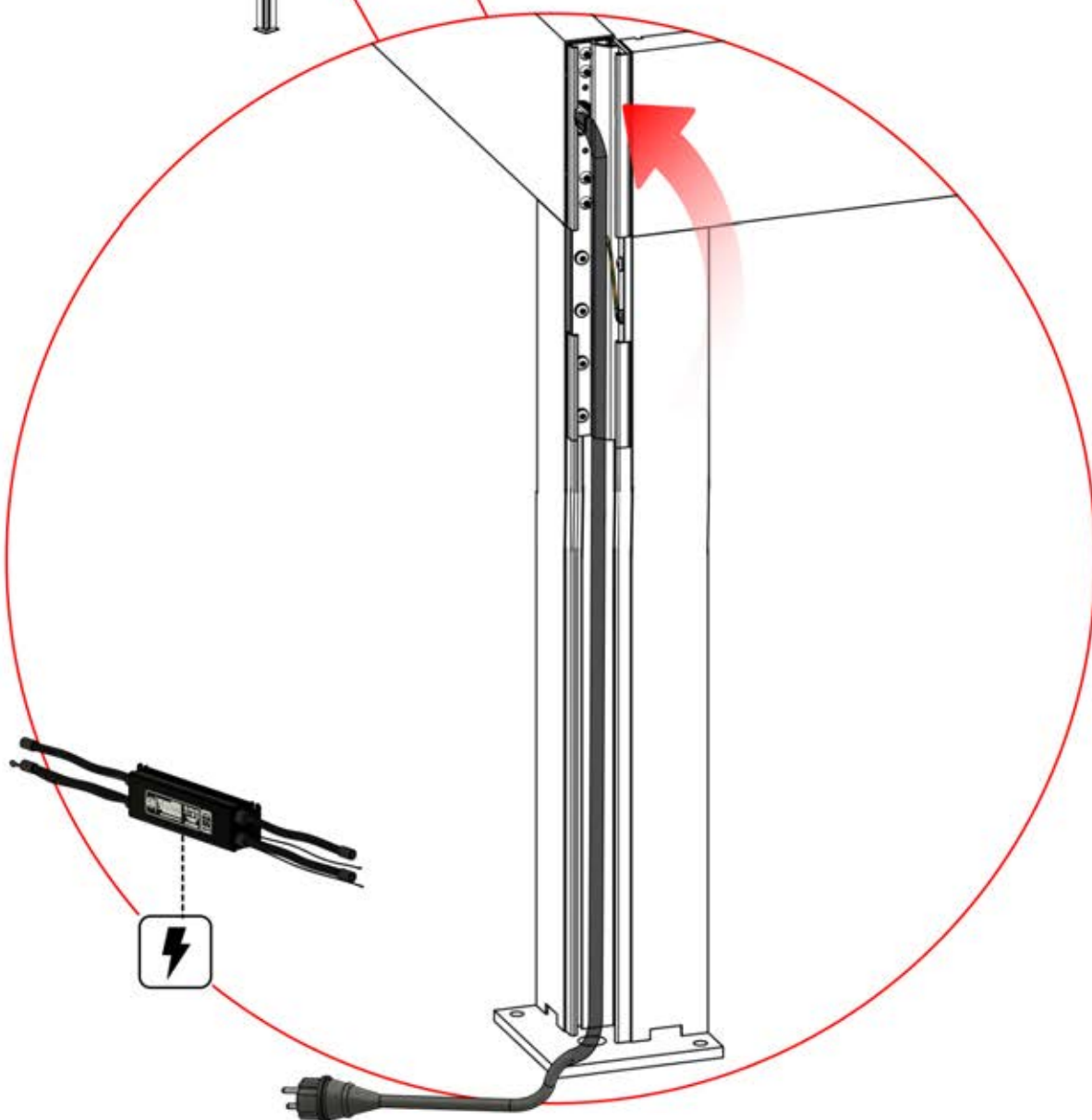
POWER CABLE



Power cable
PN-200003781
1x



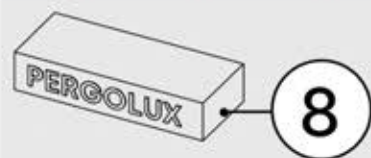
Power Cable can be
routed through all
the Poles.





**** Only if you ordered LED lights to your pergola.**

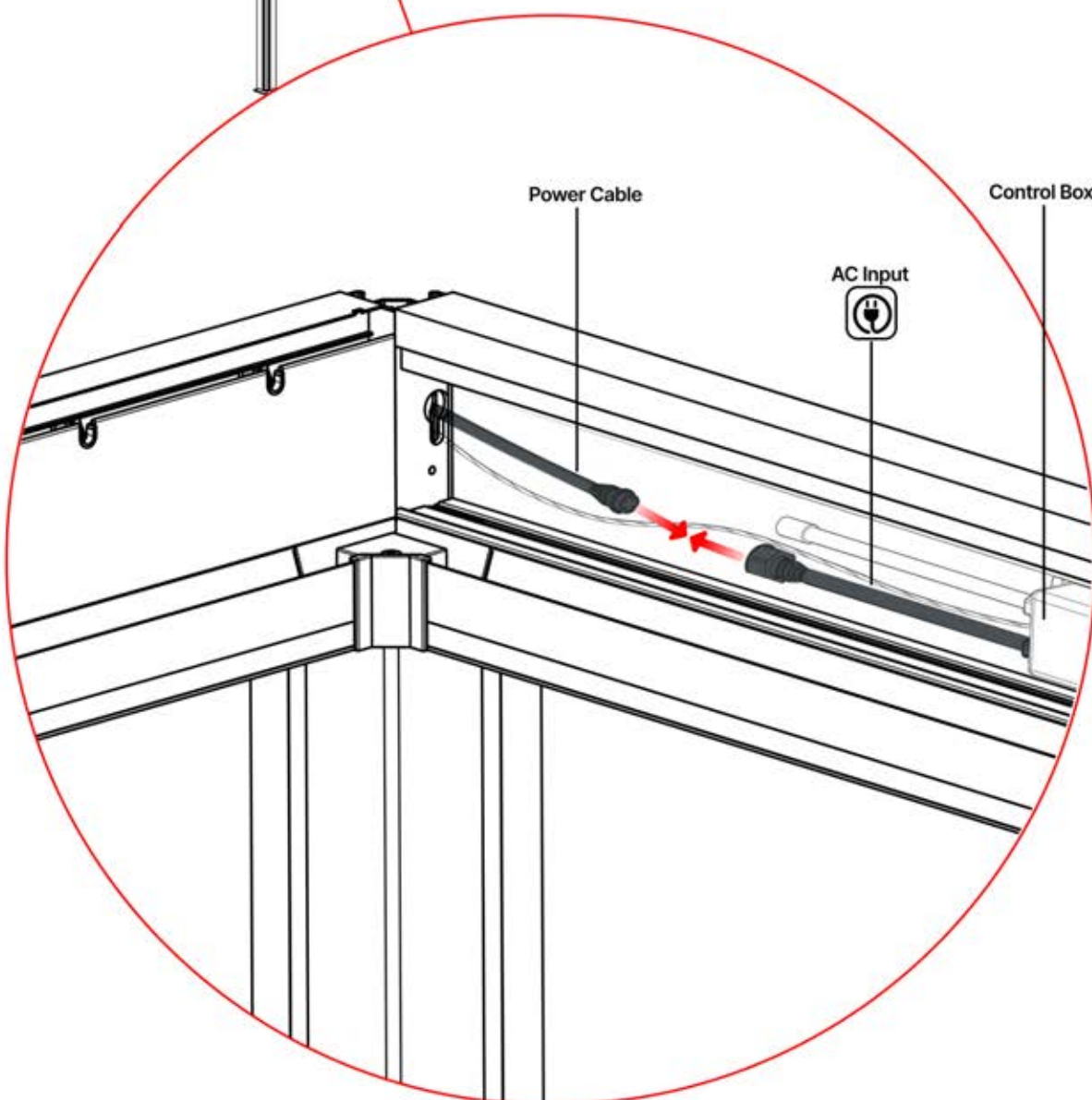
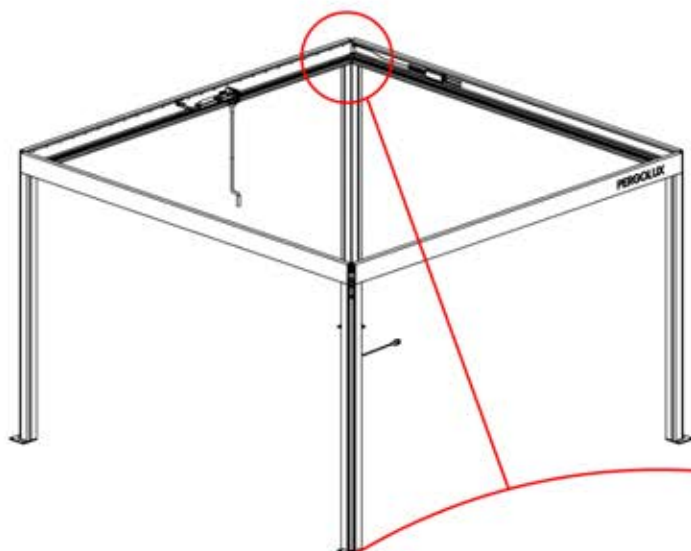
16



POWER CABLE



Power cable
PN-200003781
1x





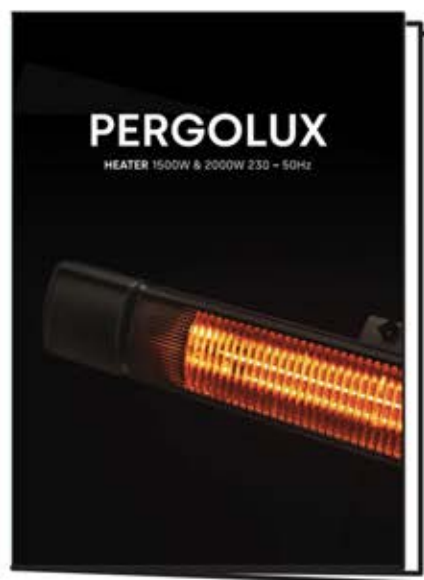
** Only if you ordered LED lights to your pergola.

17

1

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

Follow the instructions in the heater assembly manual.



2

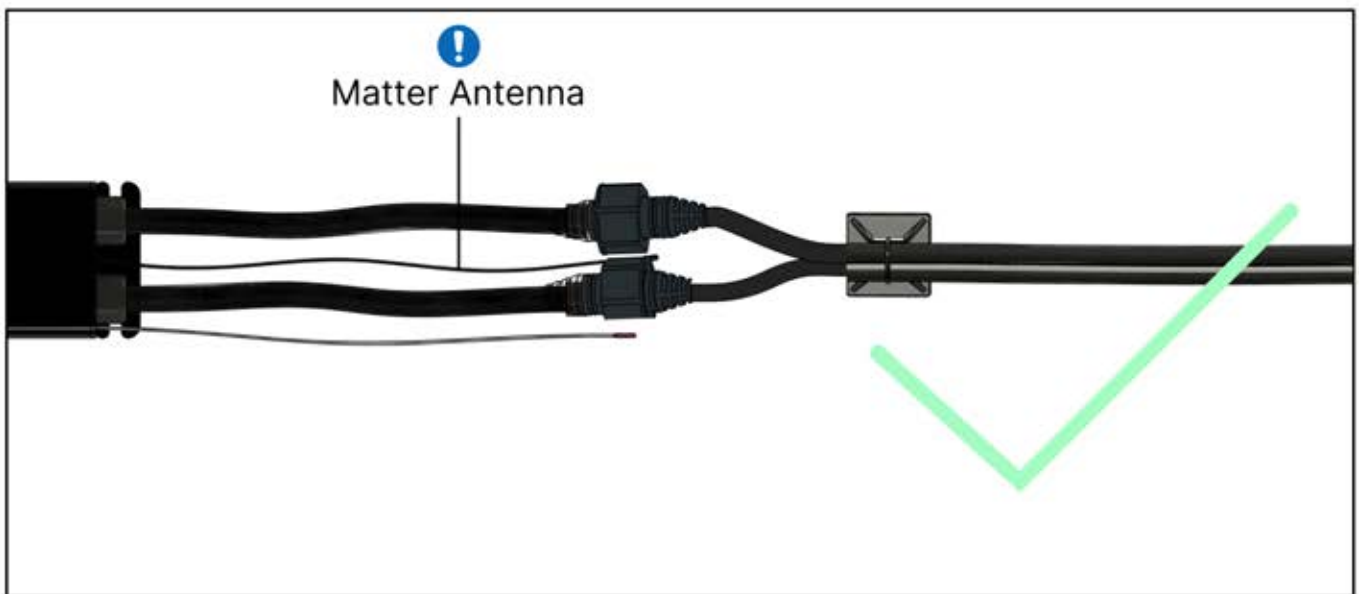
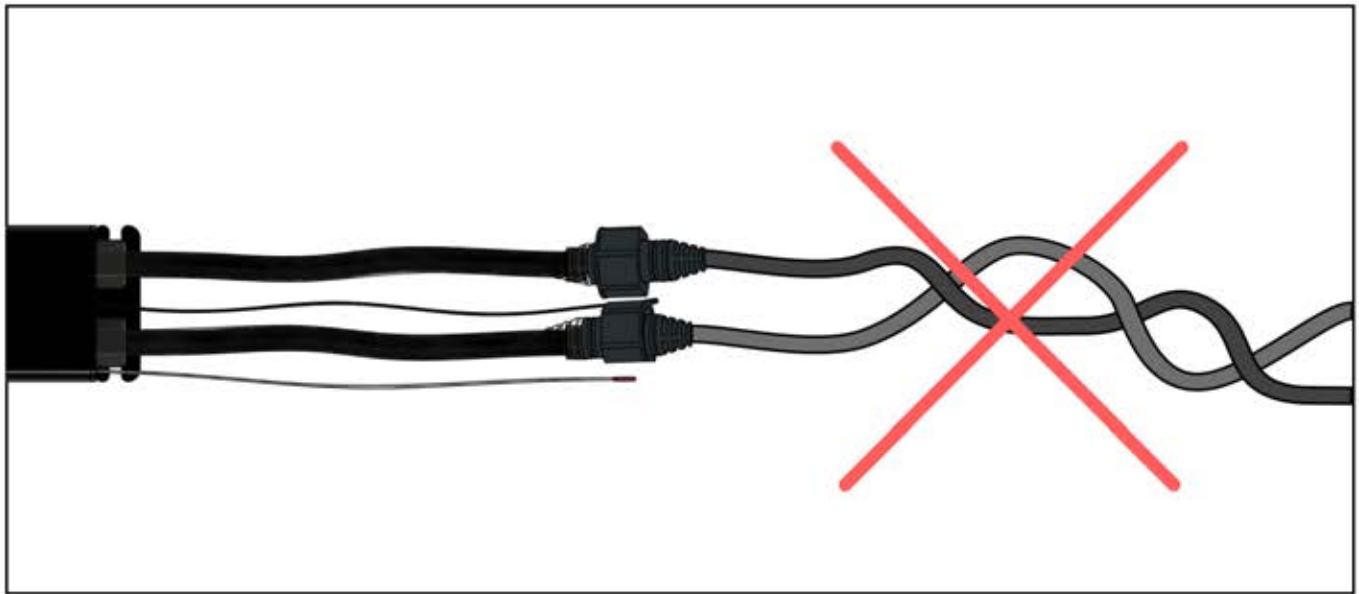
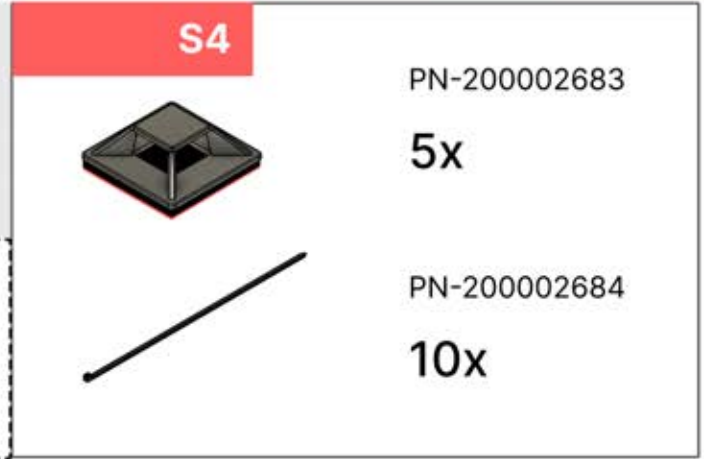
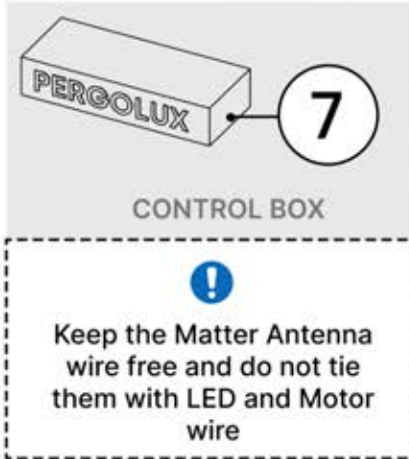
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



! ** Only if you ordered LED lights to your pergola.

18



19

x7
PERGOLUX

4

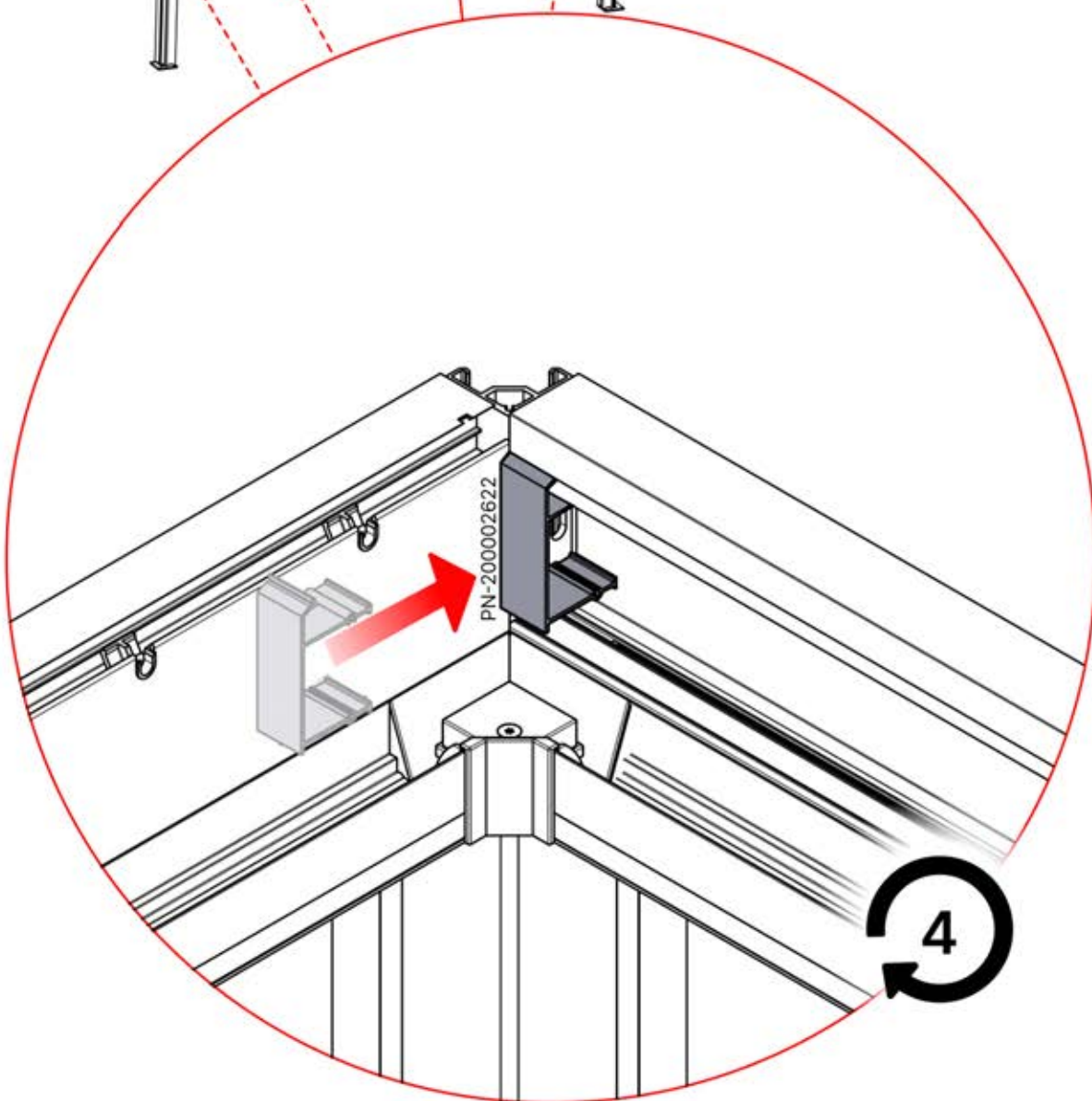
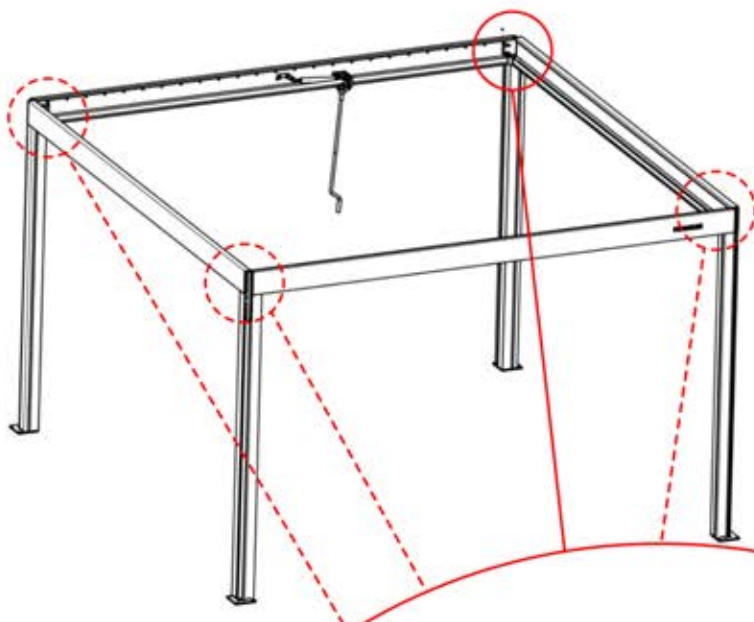
ANTHRACITE: B280
WHITE: B195
BLACK: B192

PN-200002622

4x

PN-20000
3281

Zip Bag



20

x1
PERGOLUX

4

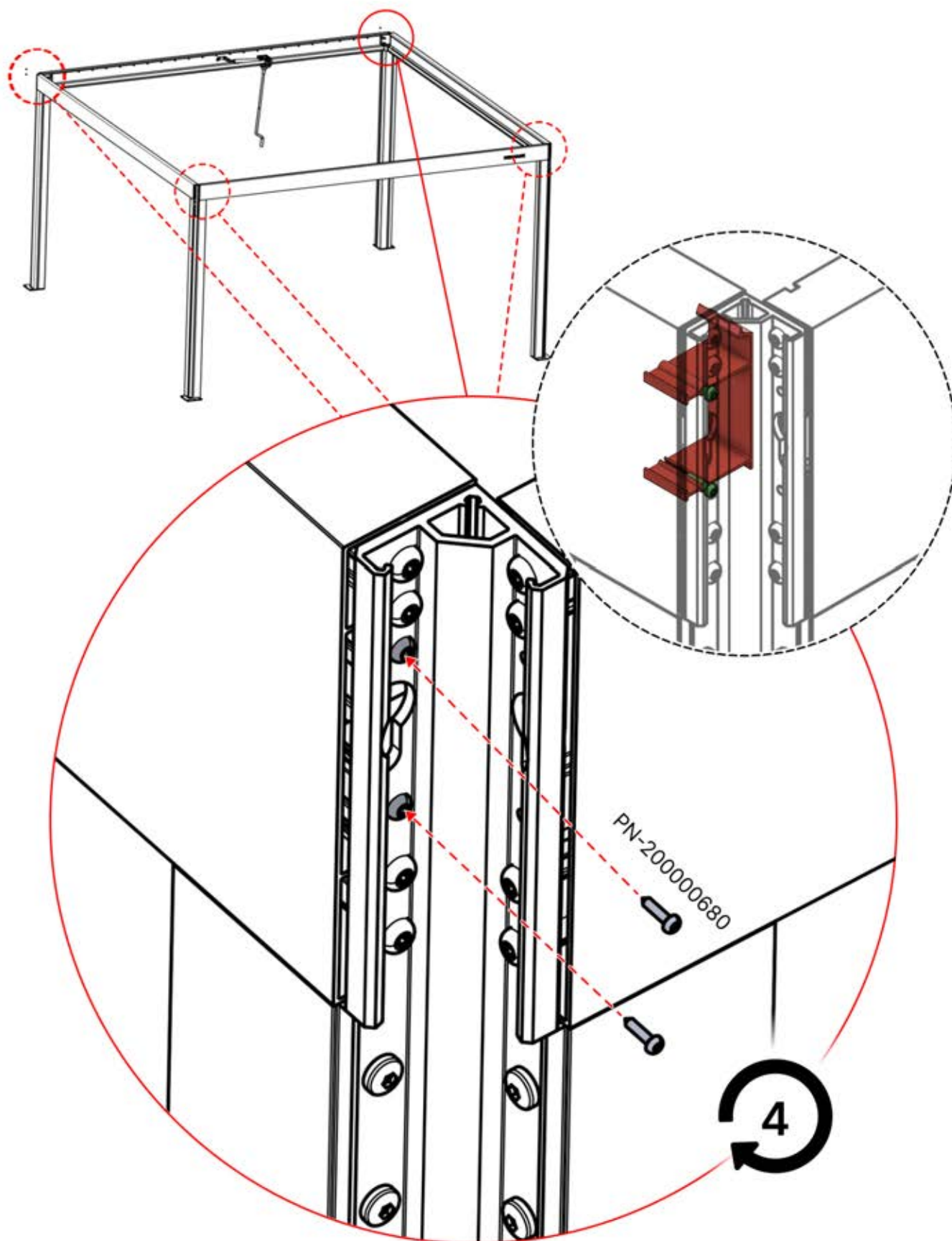
ANTHRACITE: B280
WHITE: B195
BLACK: B192

PN-200000680

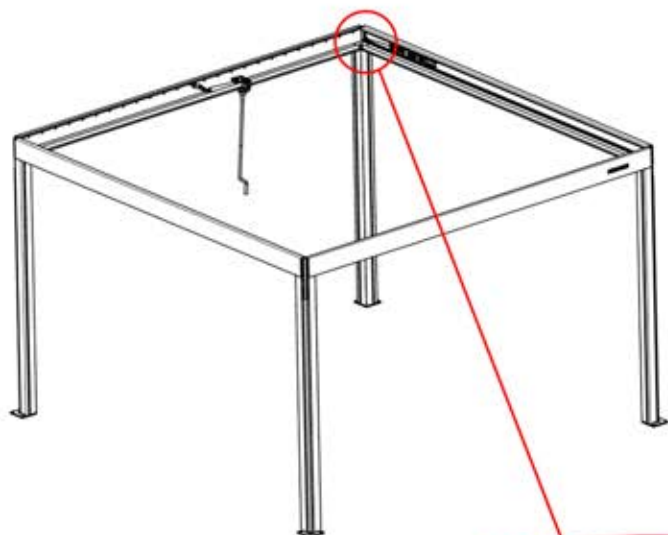
8x

PN-20000
3281

Zip Bag



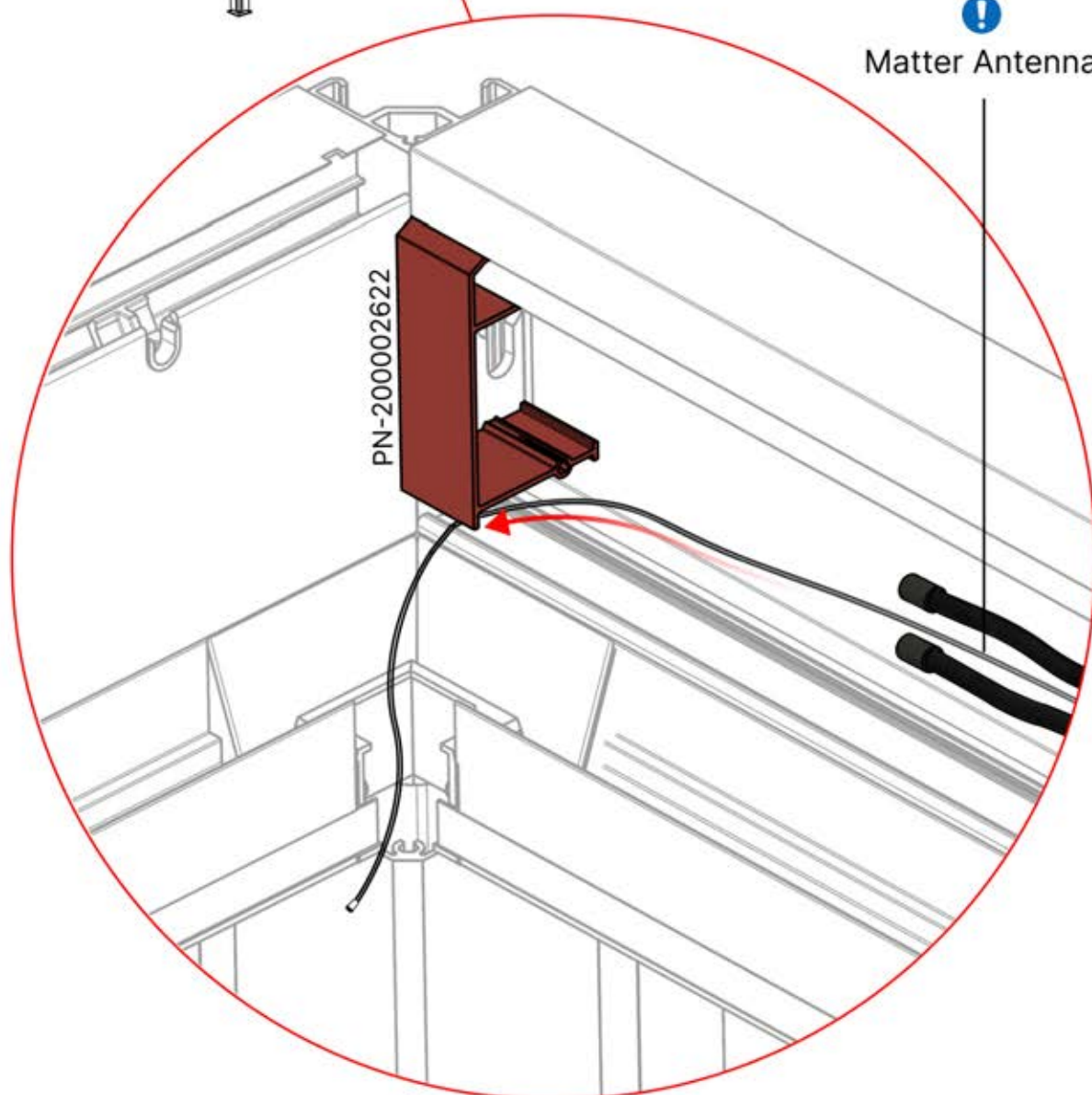
21



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



Matter Antenna



22



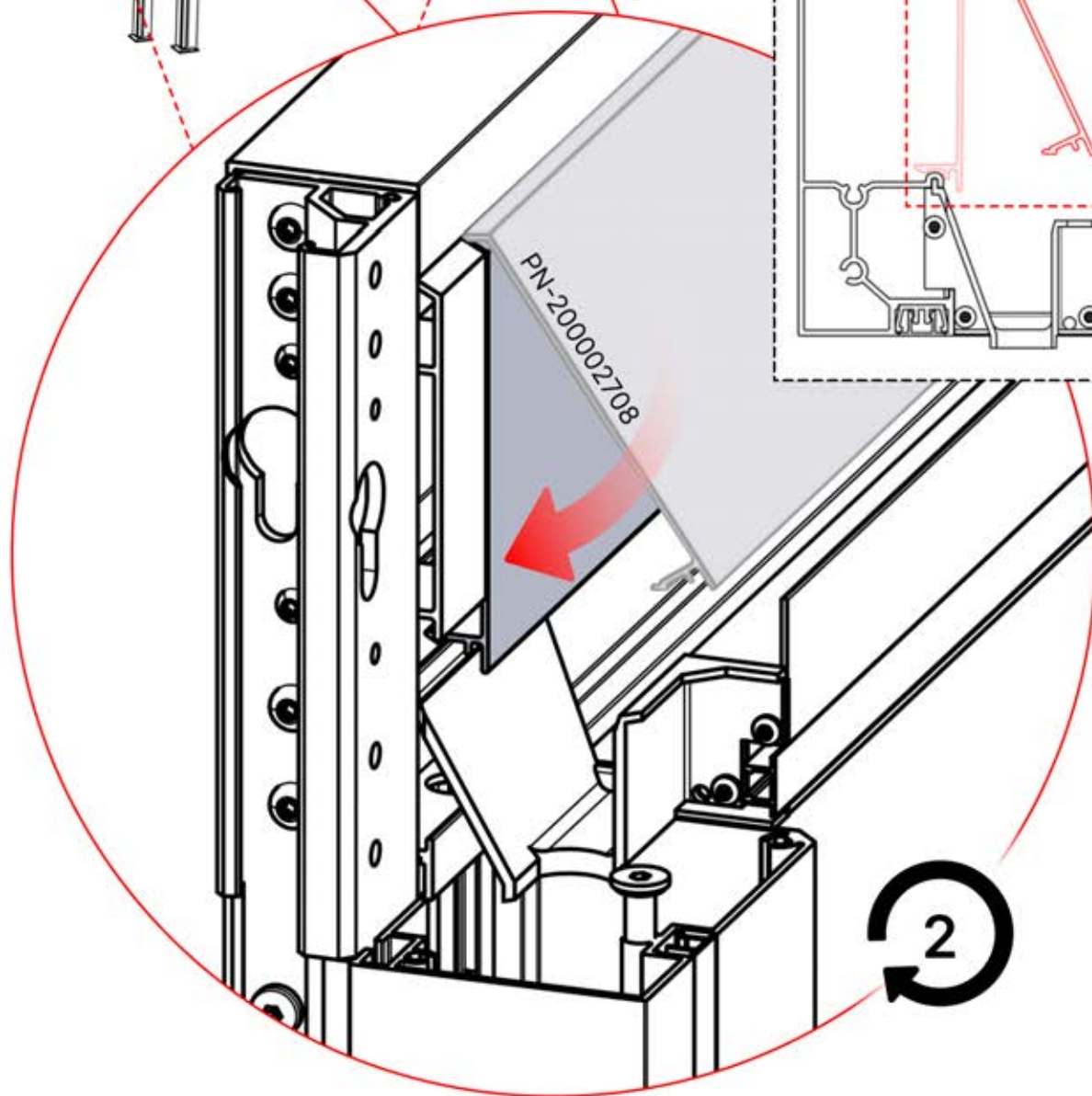
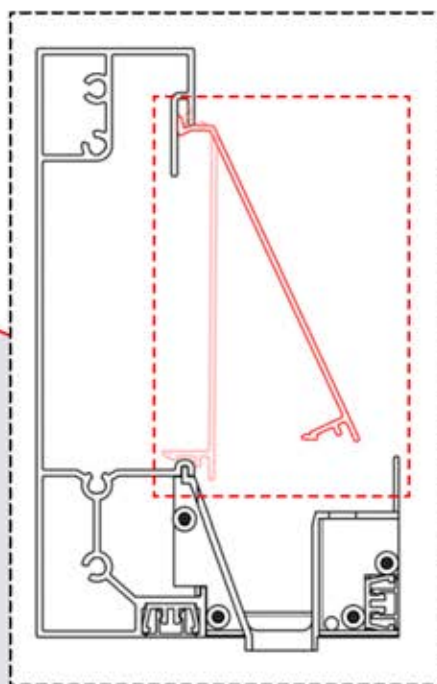
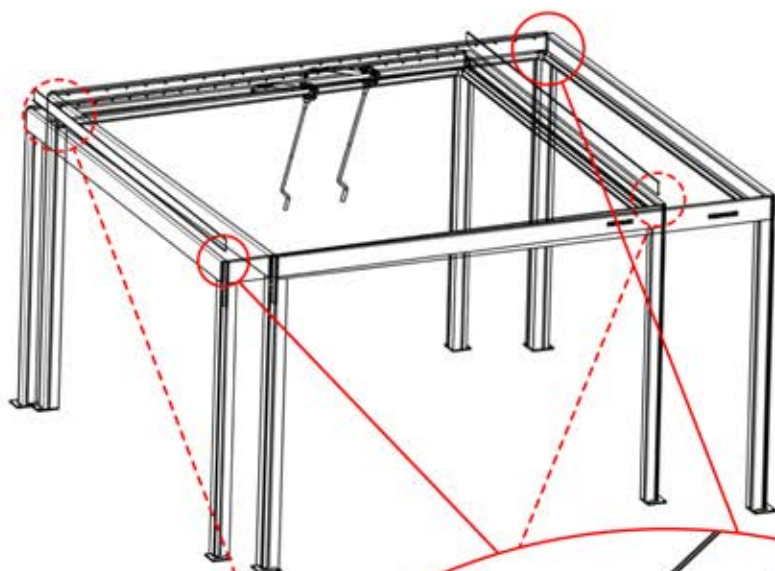
x1

3

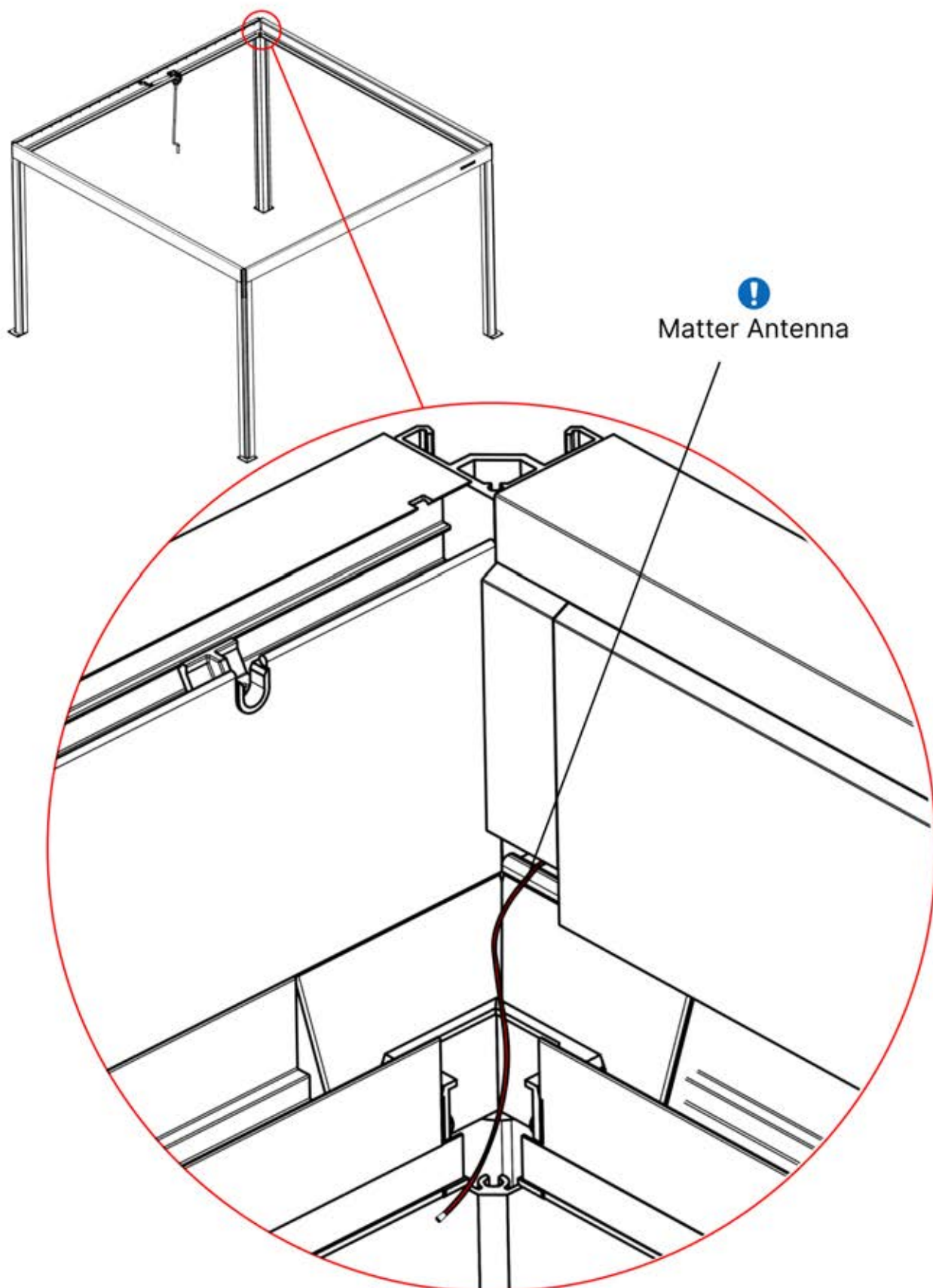
ANTHRACITE: B208
WHITE: B212
BLACK: B210



PN-200002708
2x



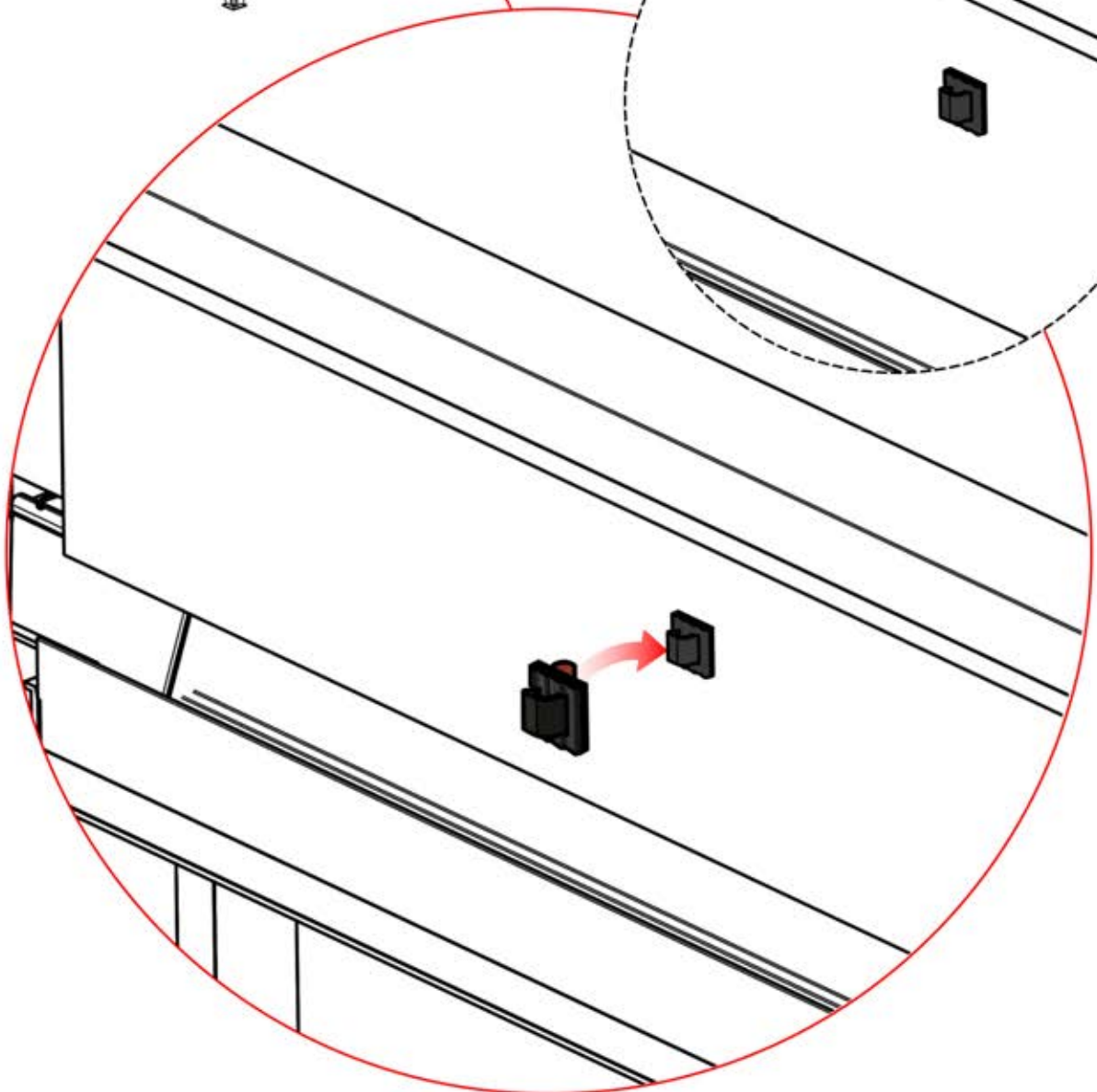
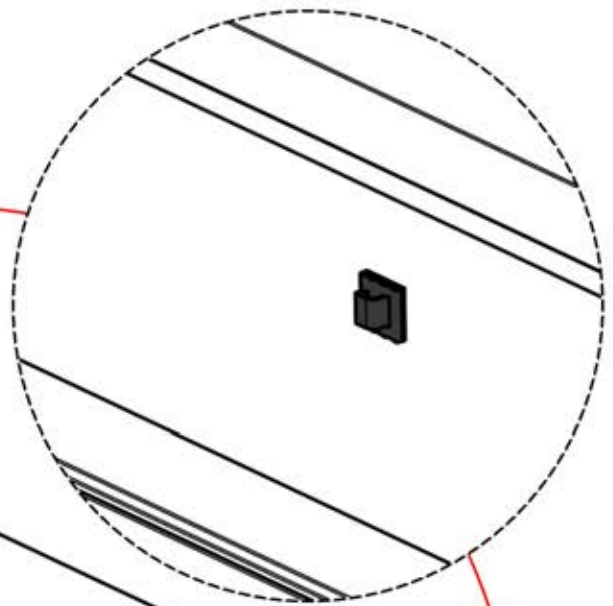
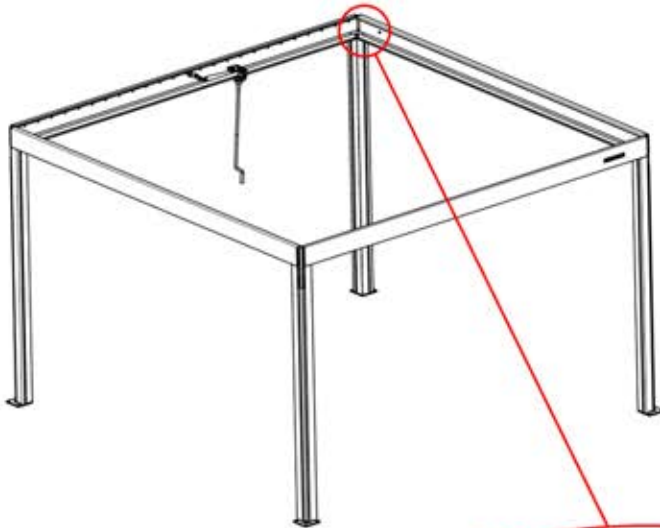
INFORMATION



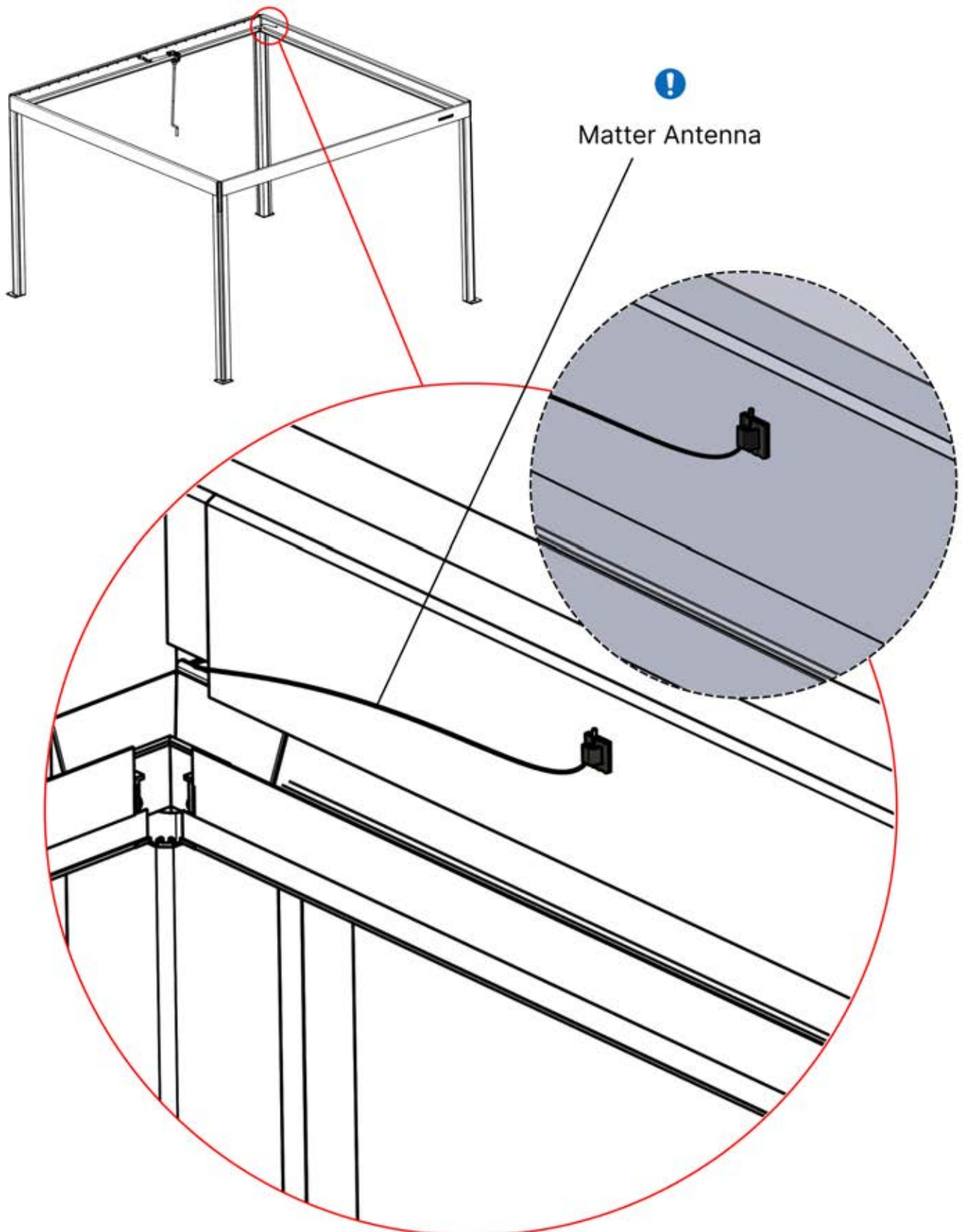
23



Matter Antenna Clip
1x



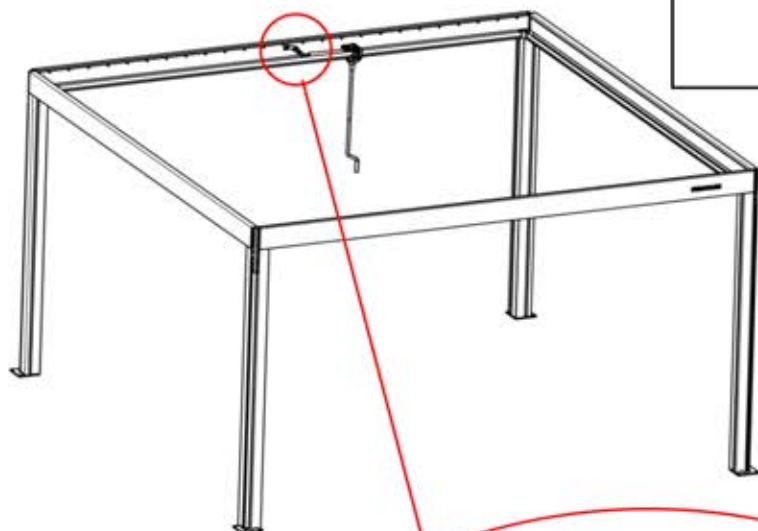
24



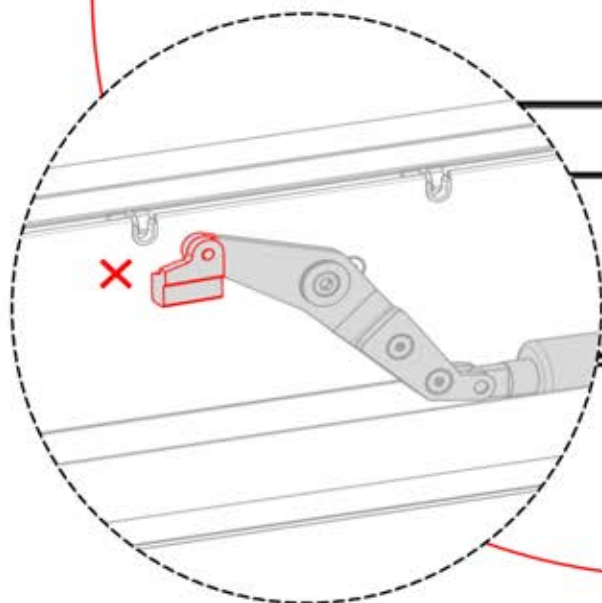
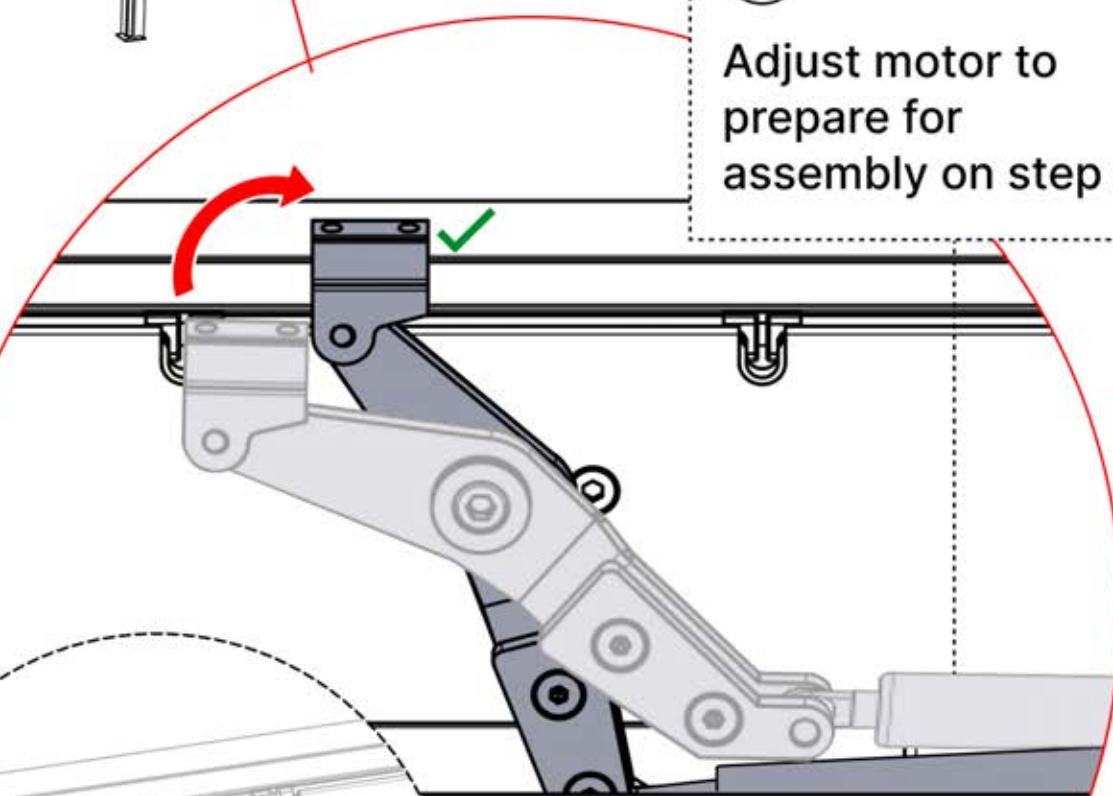
25



Hand Crank



Adjust motor to
prepare for
assembly on step 26



26



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002973

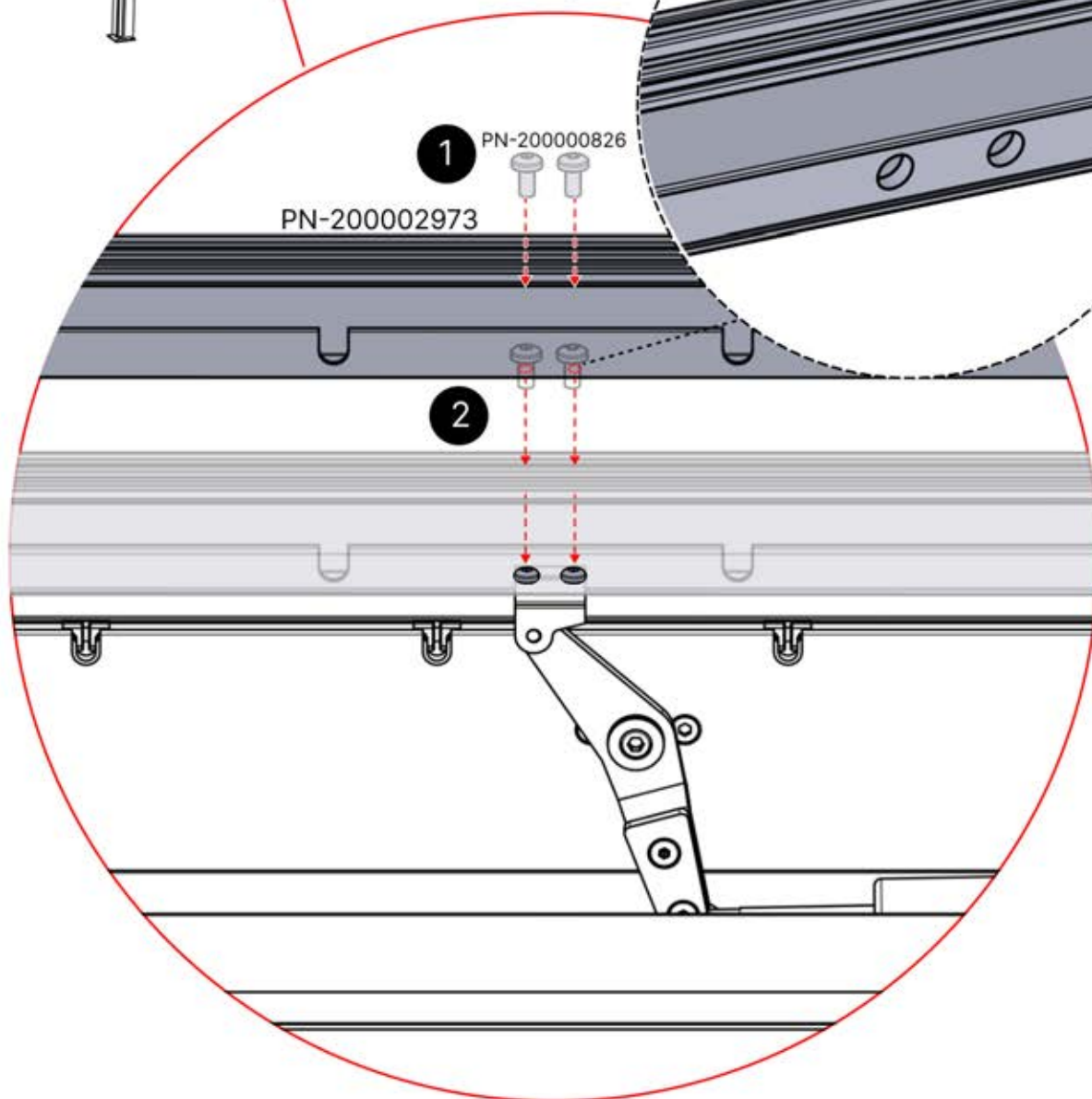
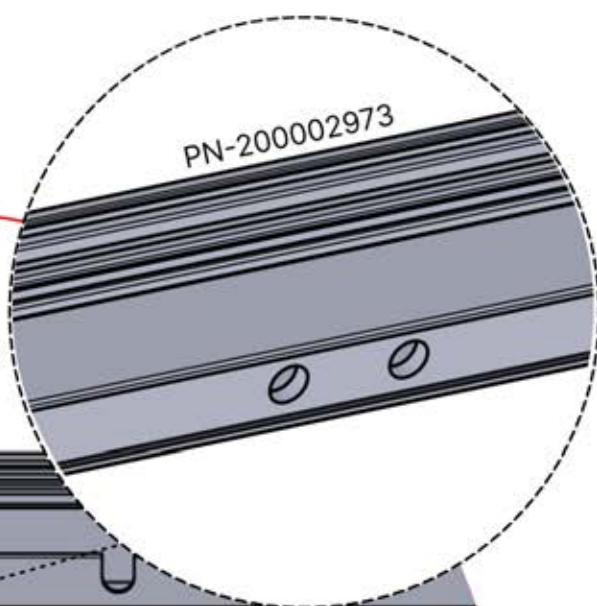
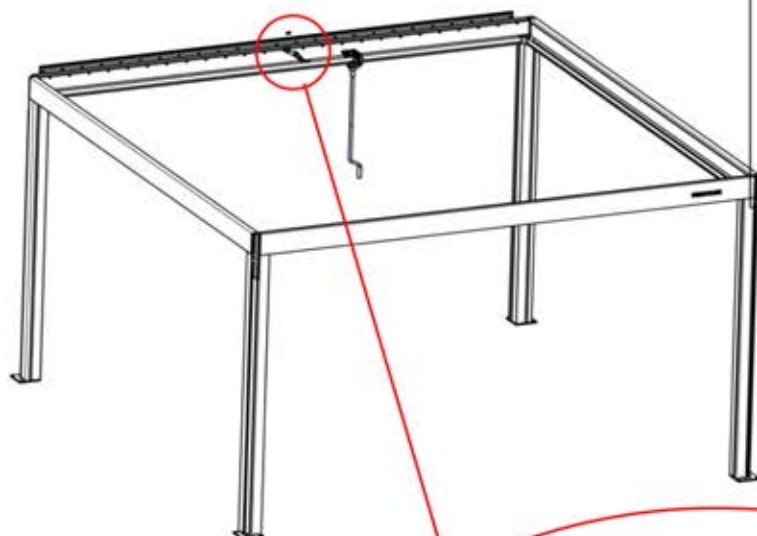
1x



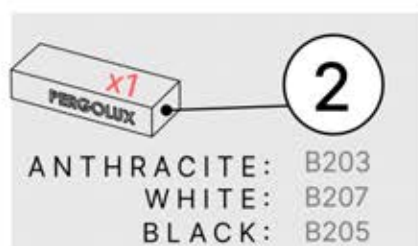
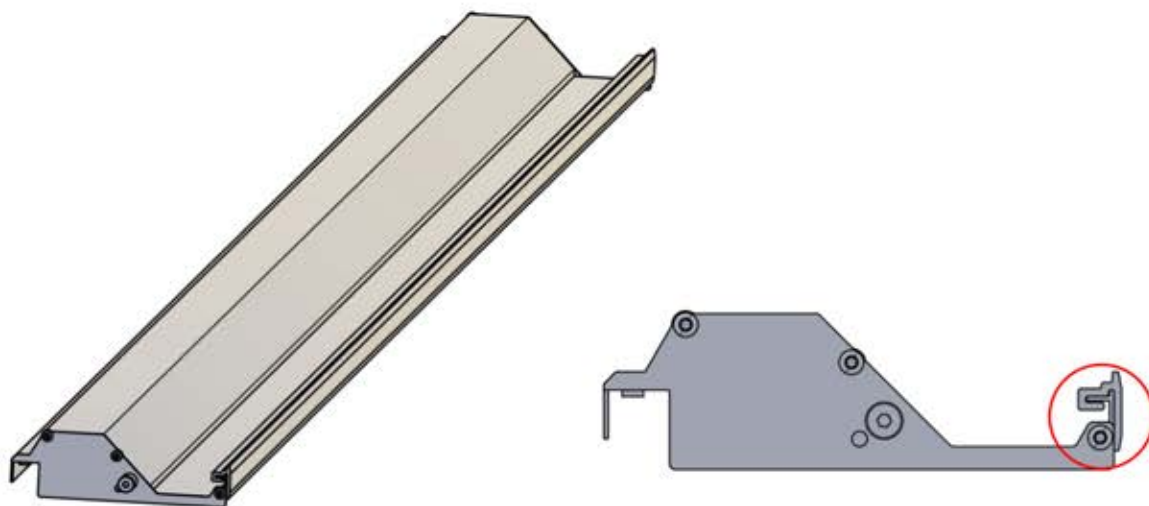
PN-200000826

2x

PN-20000
3320

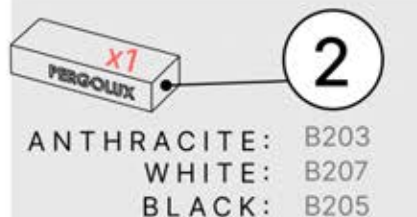
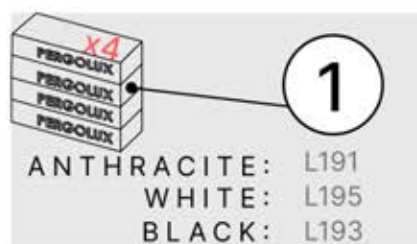
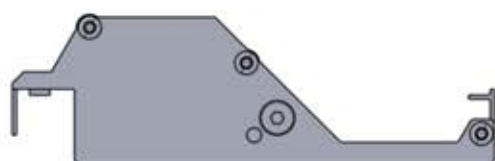


PERGOLA LOUVERS



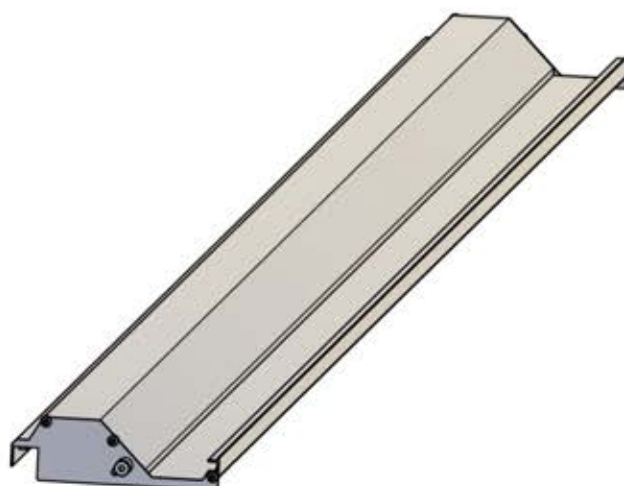
P.PERGOLA 3M FS END LOUVER
PN-200002718

1x



P.PERGOLA 3M FS LOUVER
PN-200002714

30x

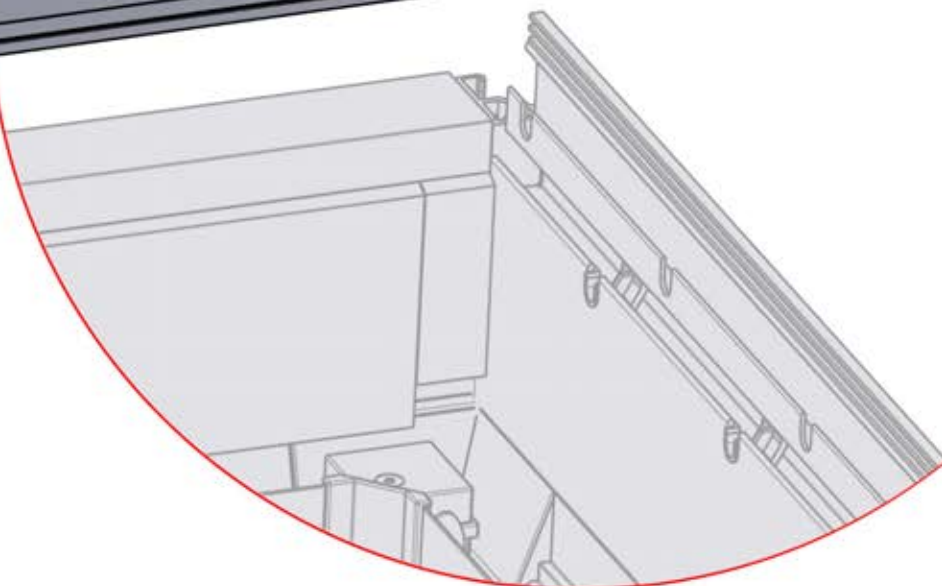
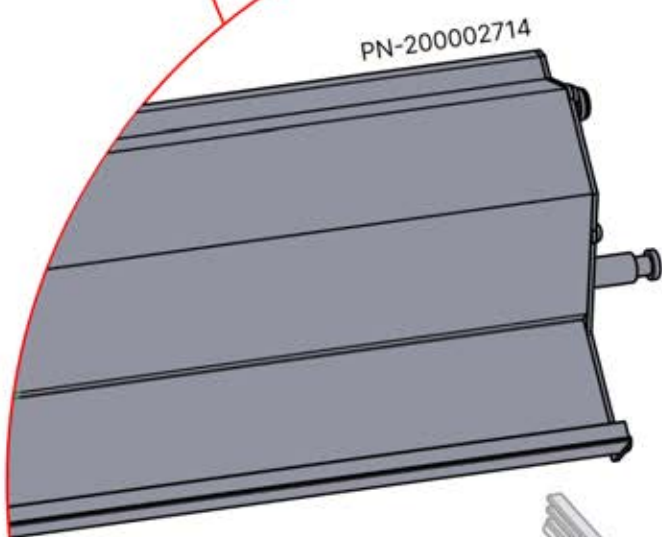
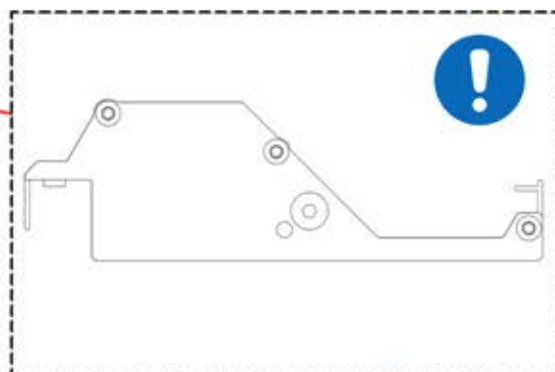
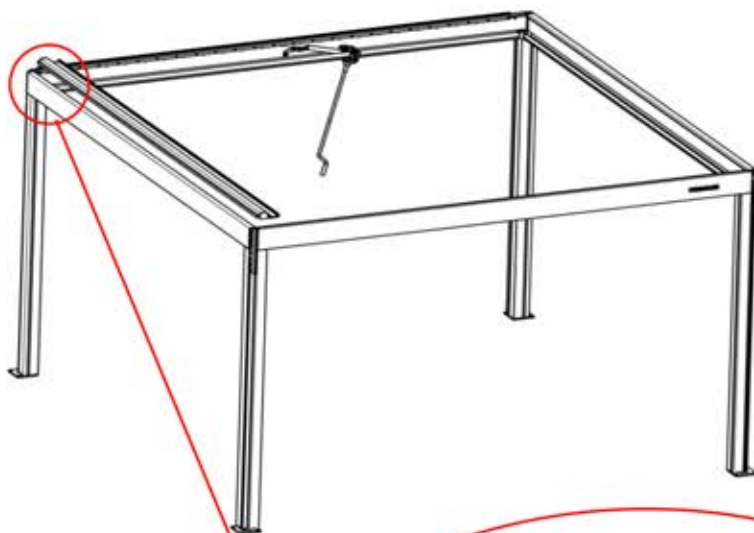


27



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



28

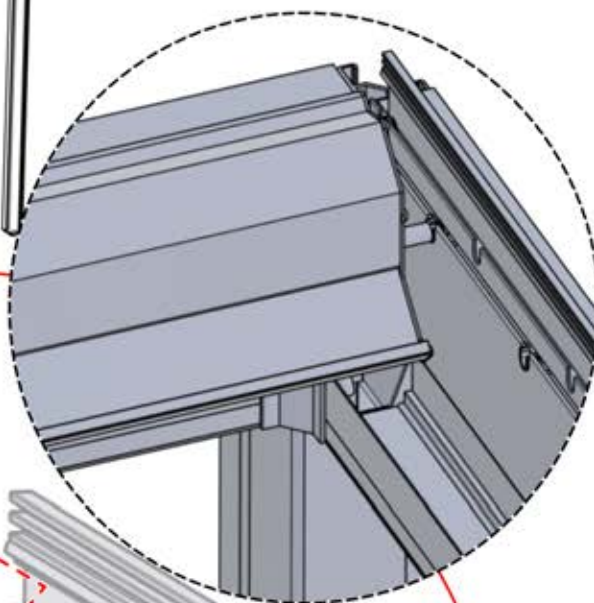
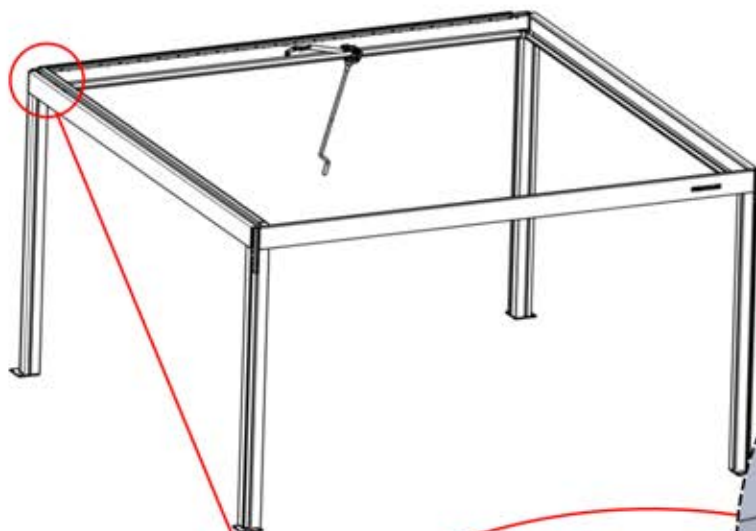


1

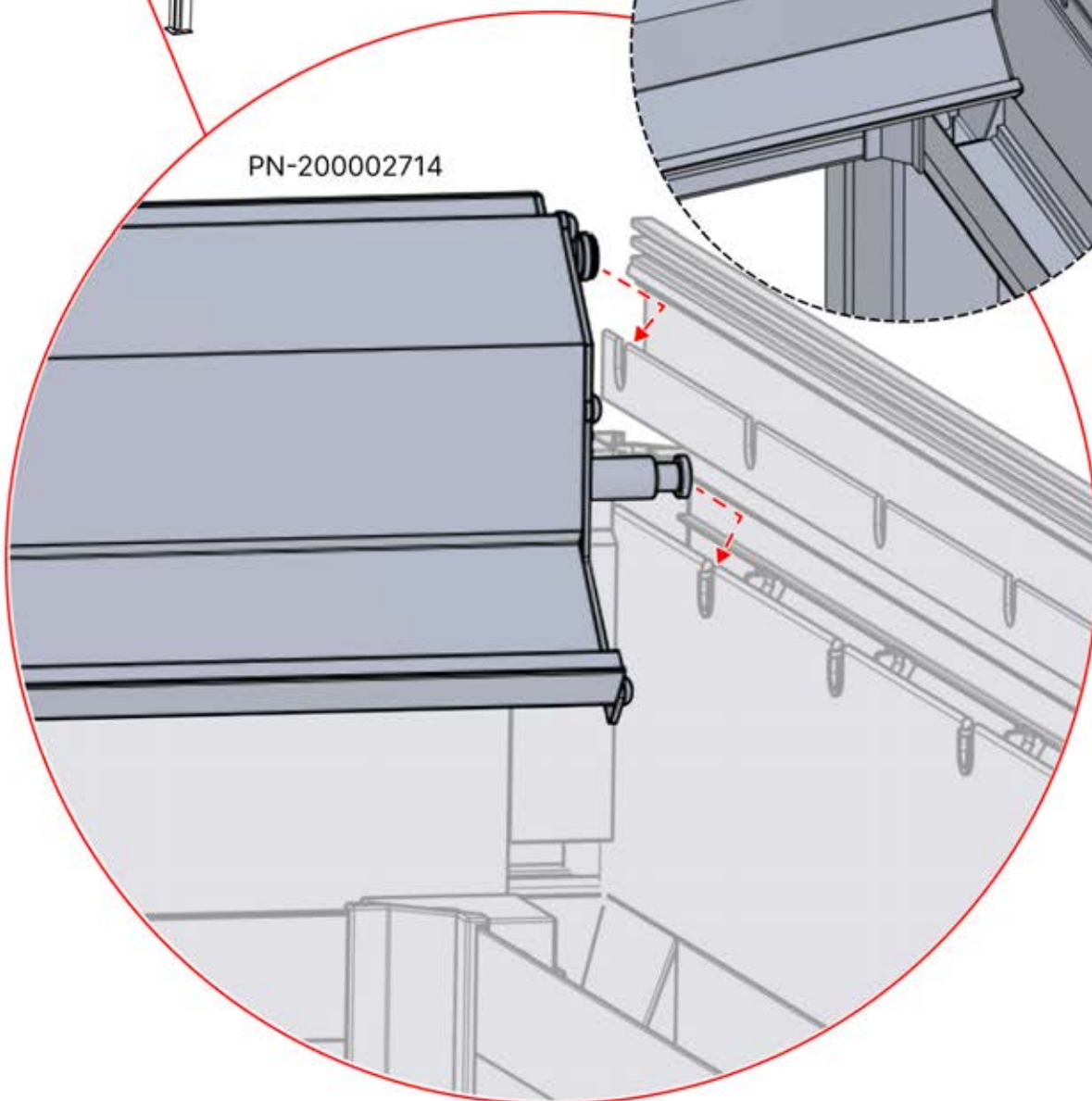
ANTHRACITE: L191
WHITE: L195
BLACK: L193



PN-200002714
1x



PN-200002714

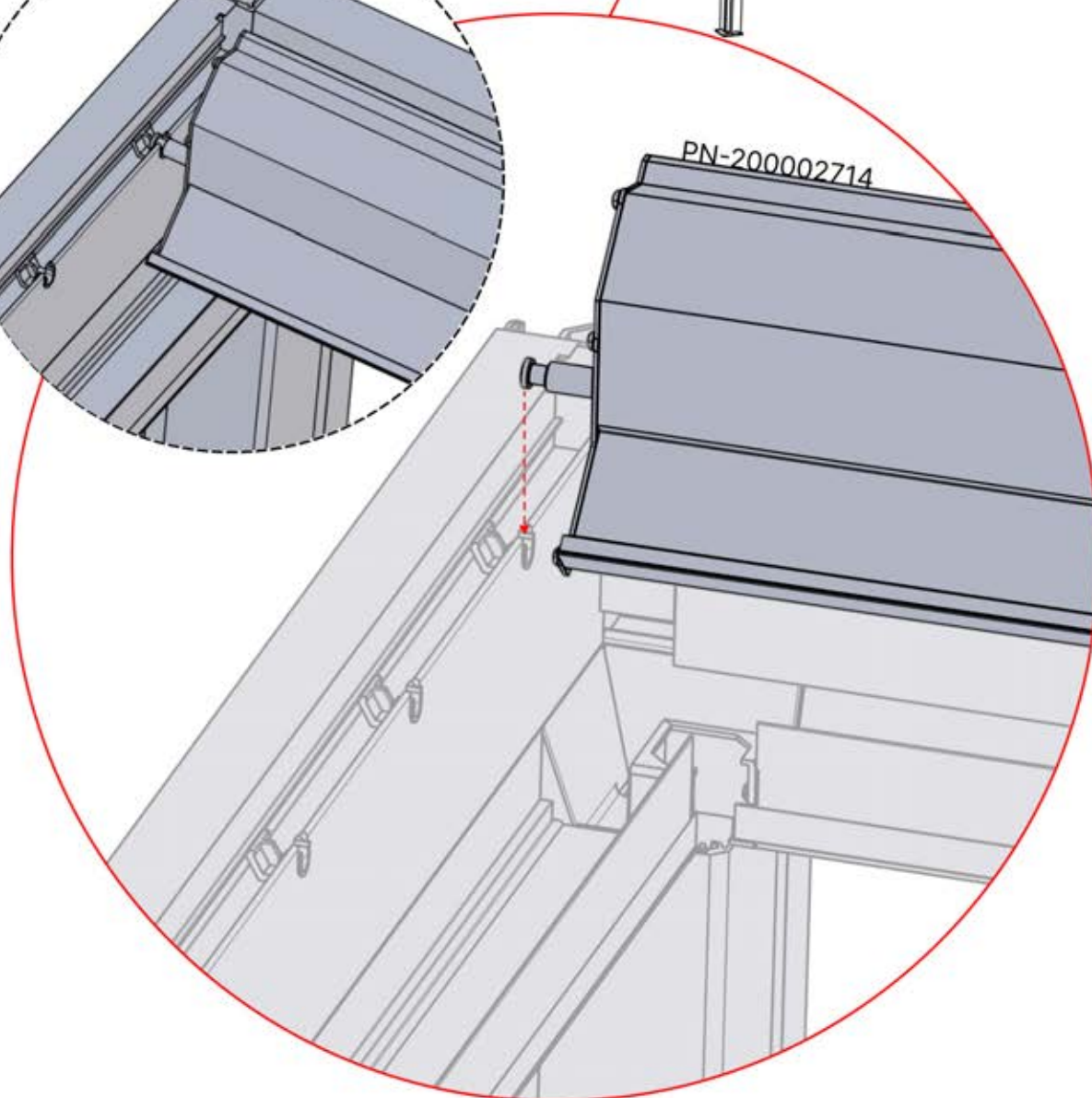
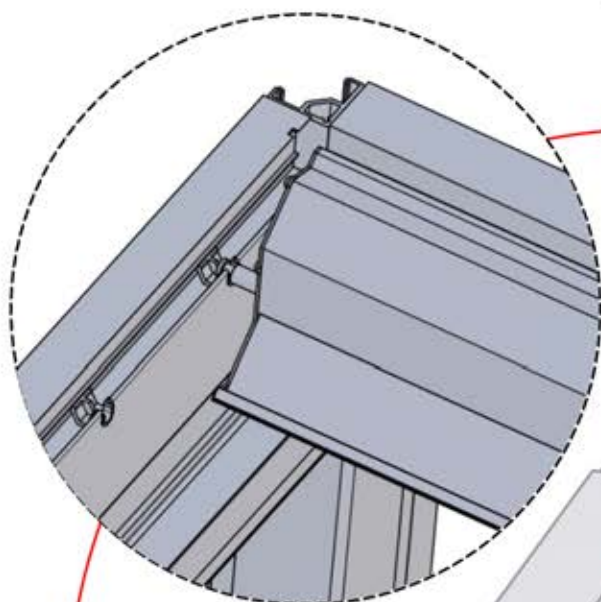
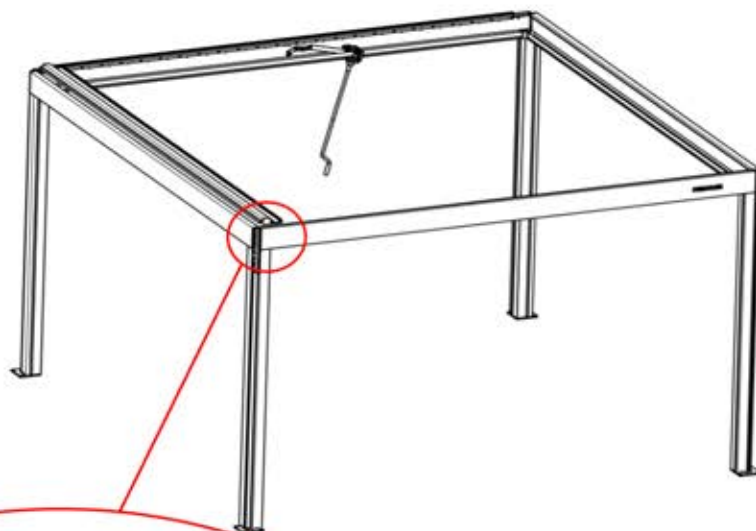


29



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



30



x1
PERGOLUX

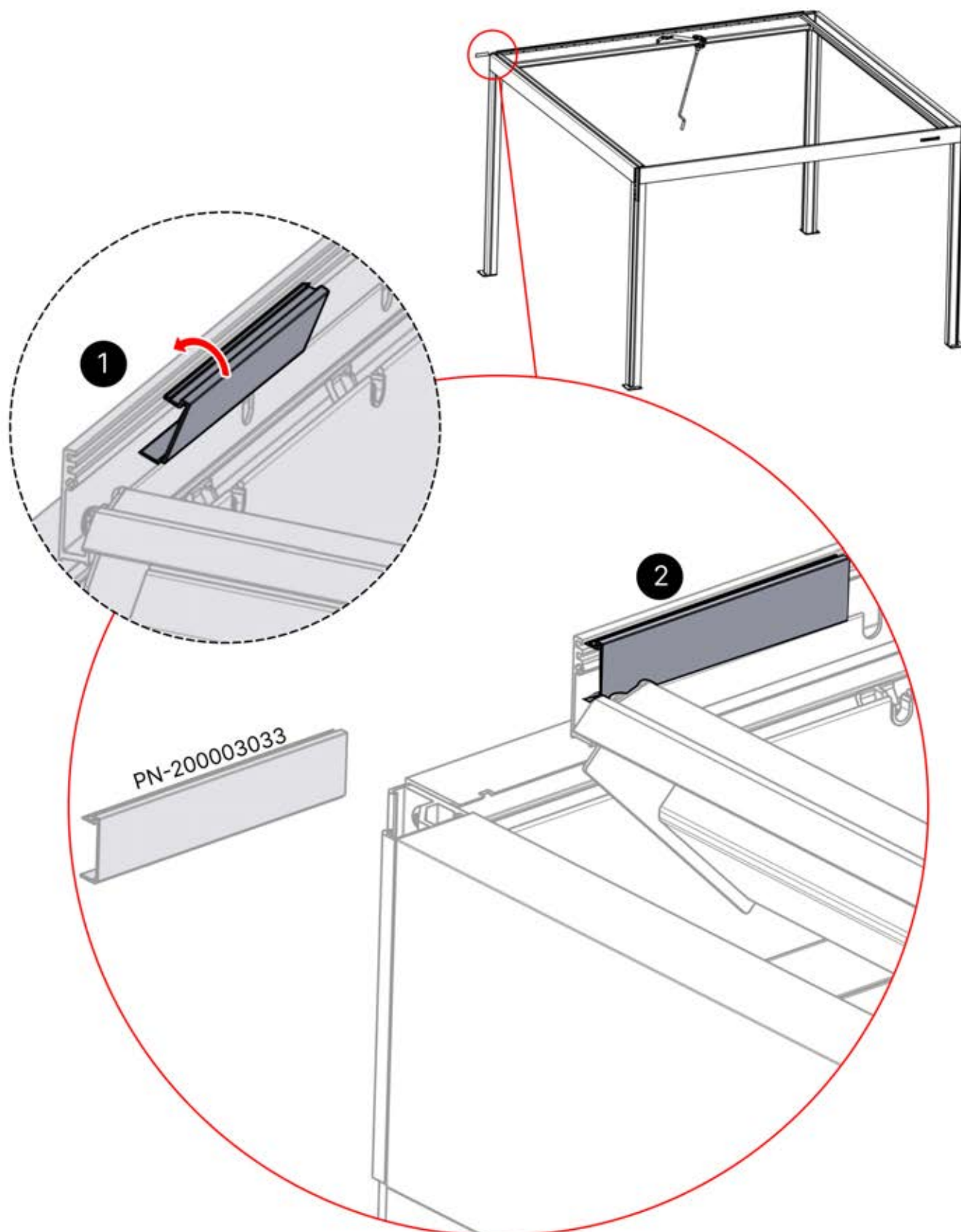
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003033
1x

PN-20000
3278 

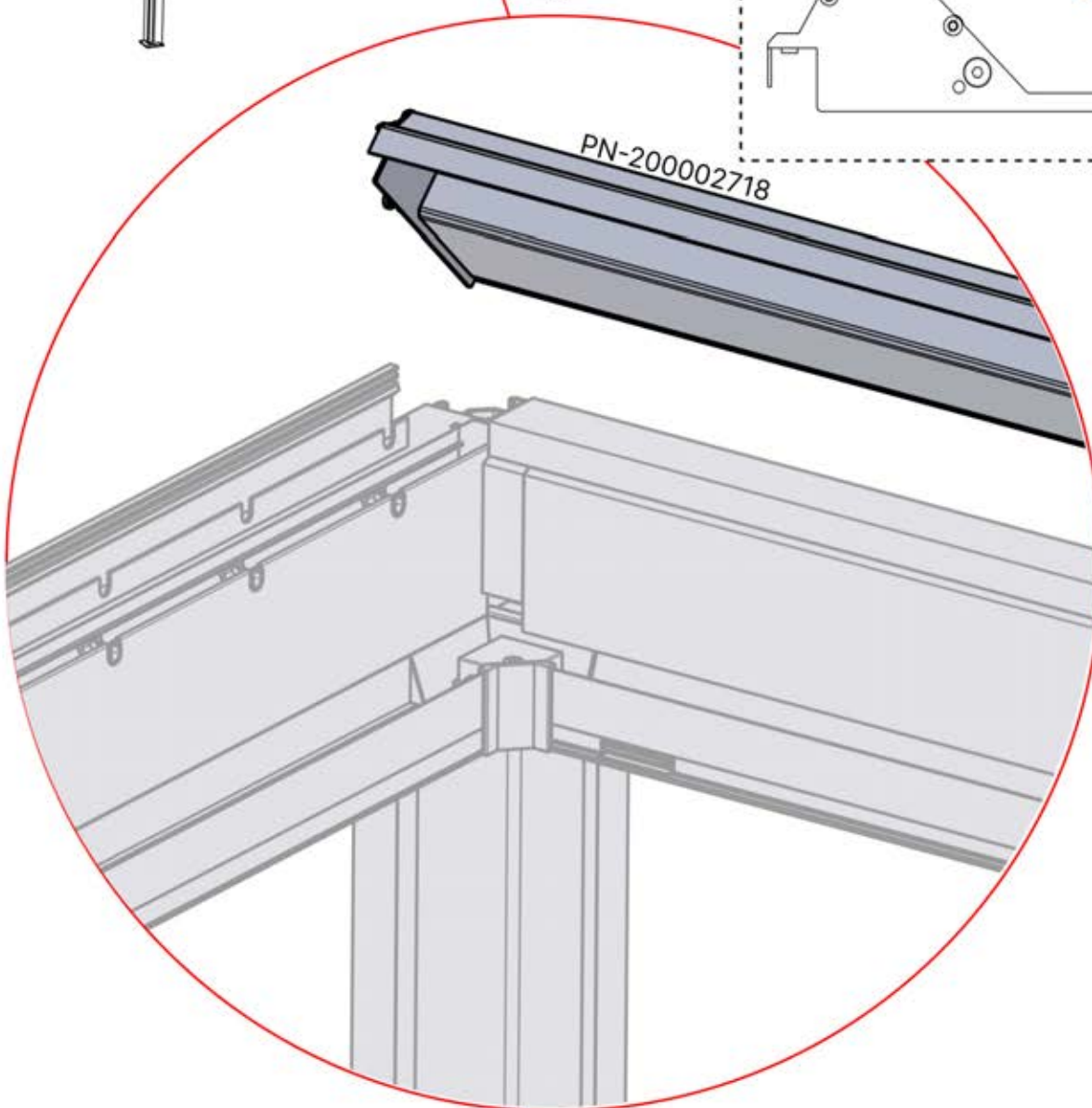
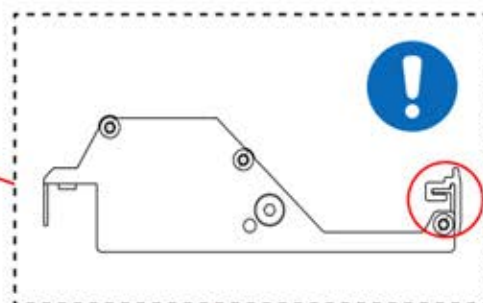
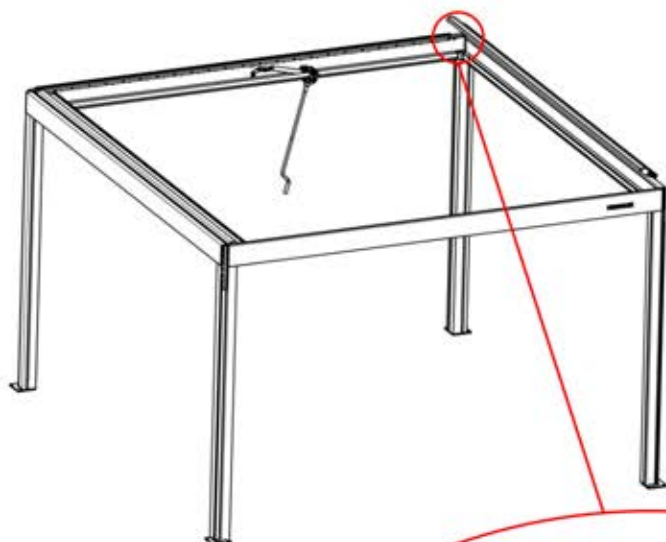


31

 **2**

ANTHRACITE: L203
WHITE: L207
BLACK: L205

 PN-200002718
1x



32



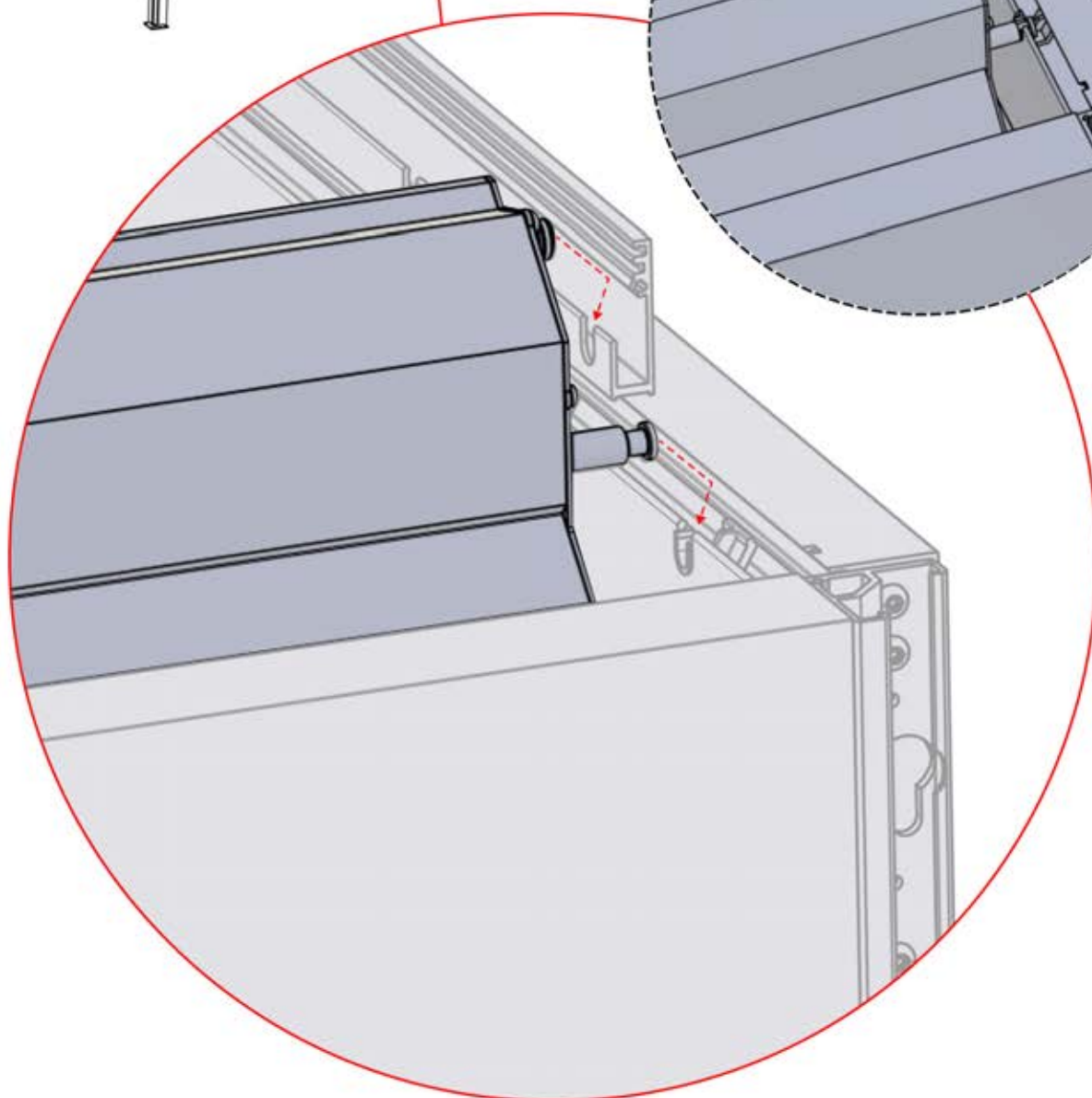
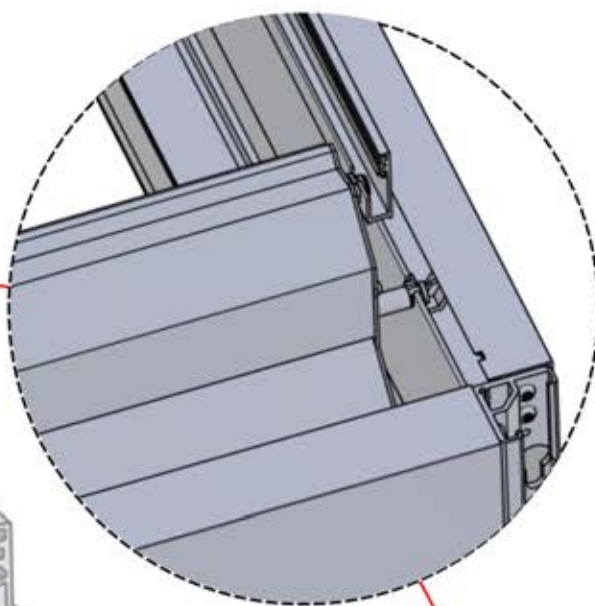
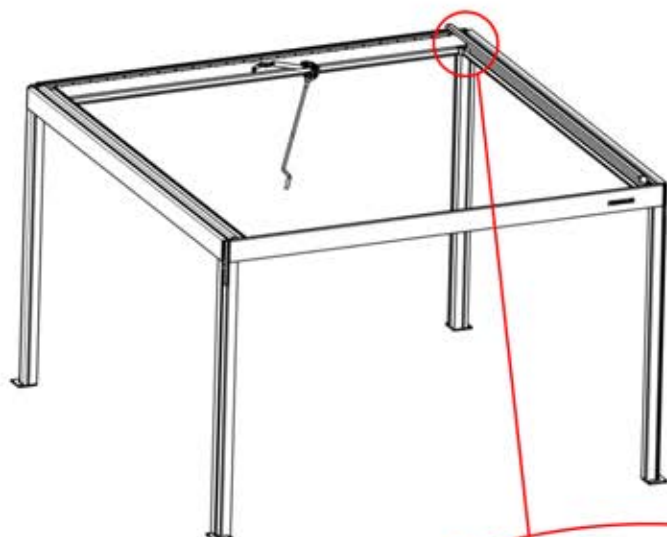
x1

2

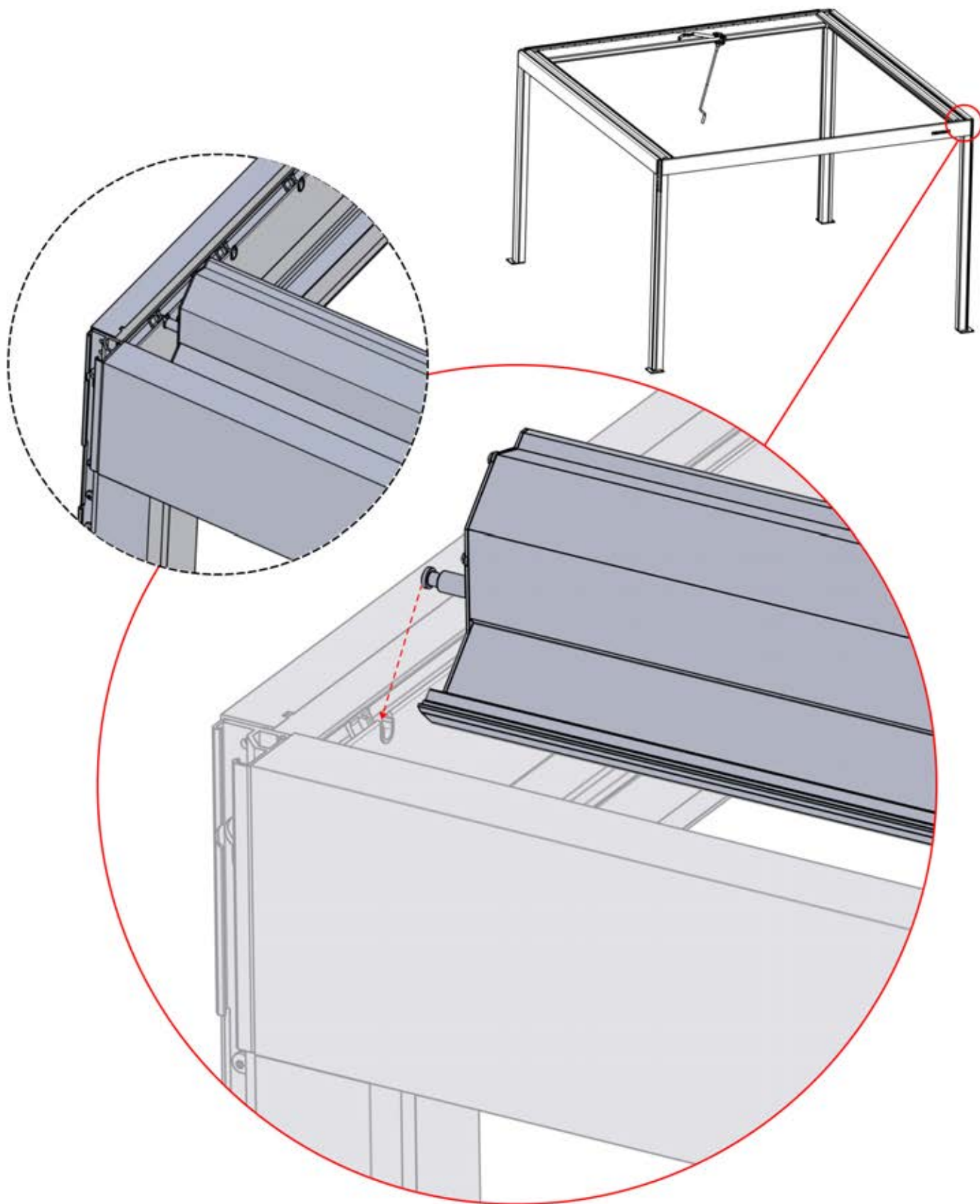
ANTHRACITE: L203
WHITE: L207
BLACK: L205



PN-200002718
1x



33



34



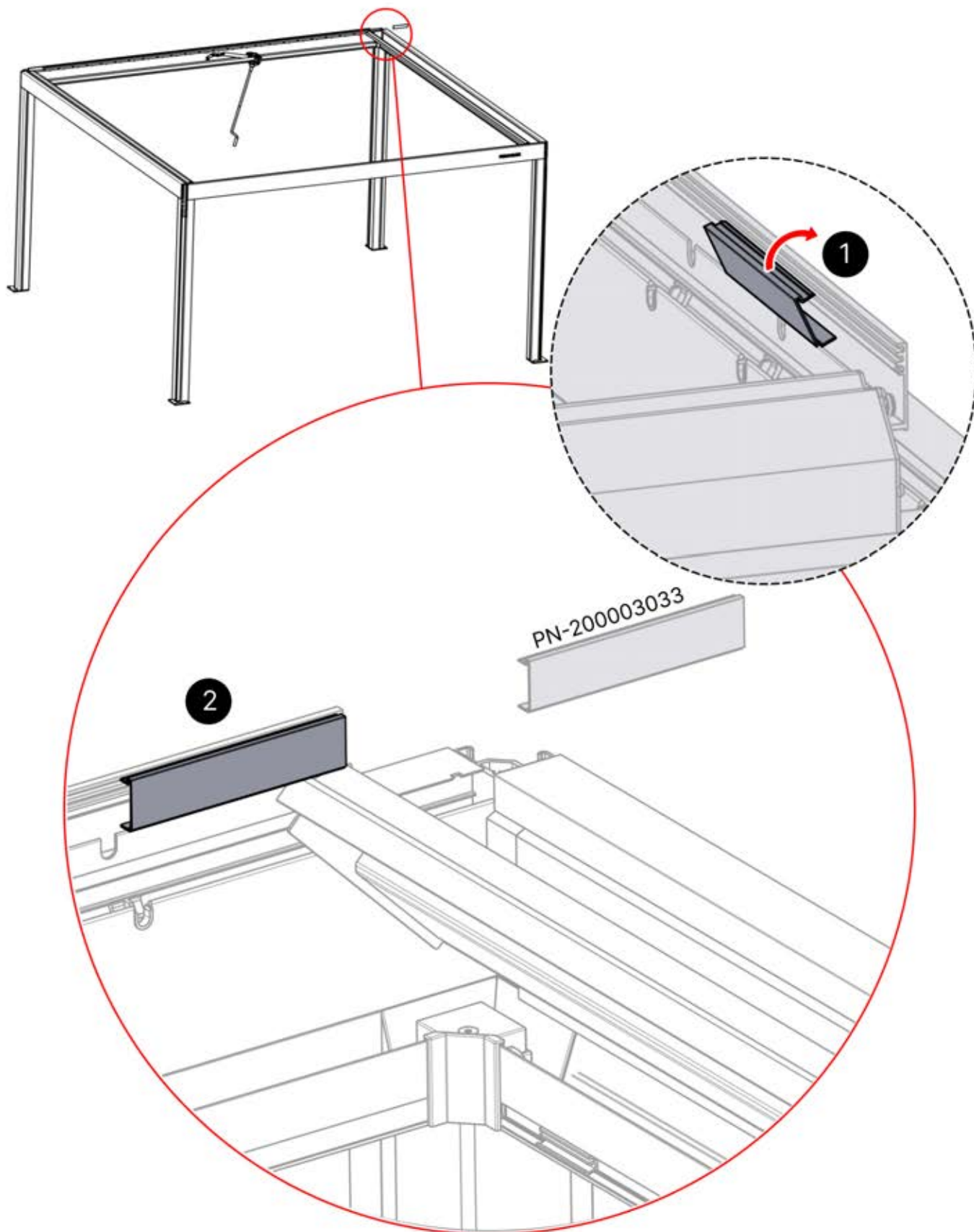
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003033
1x

PN-20000
3278 



35



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



2

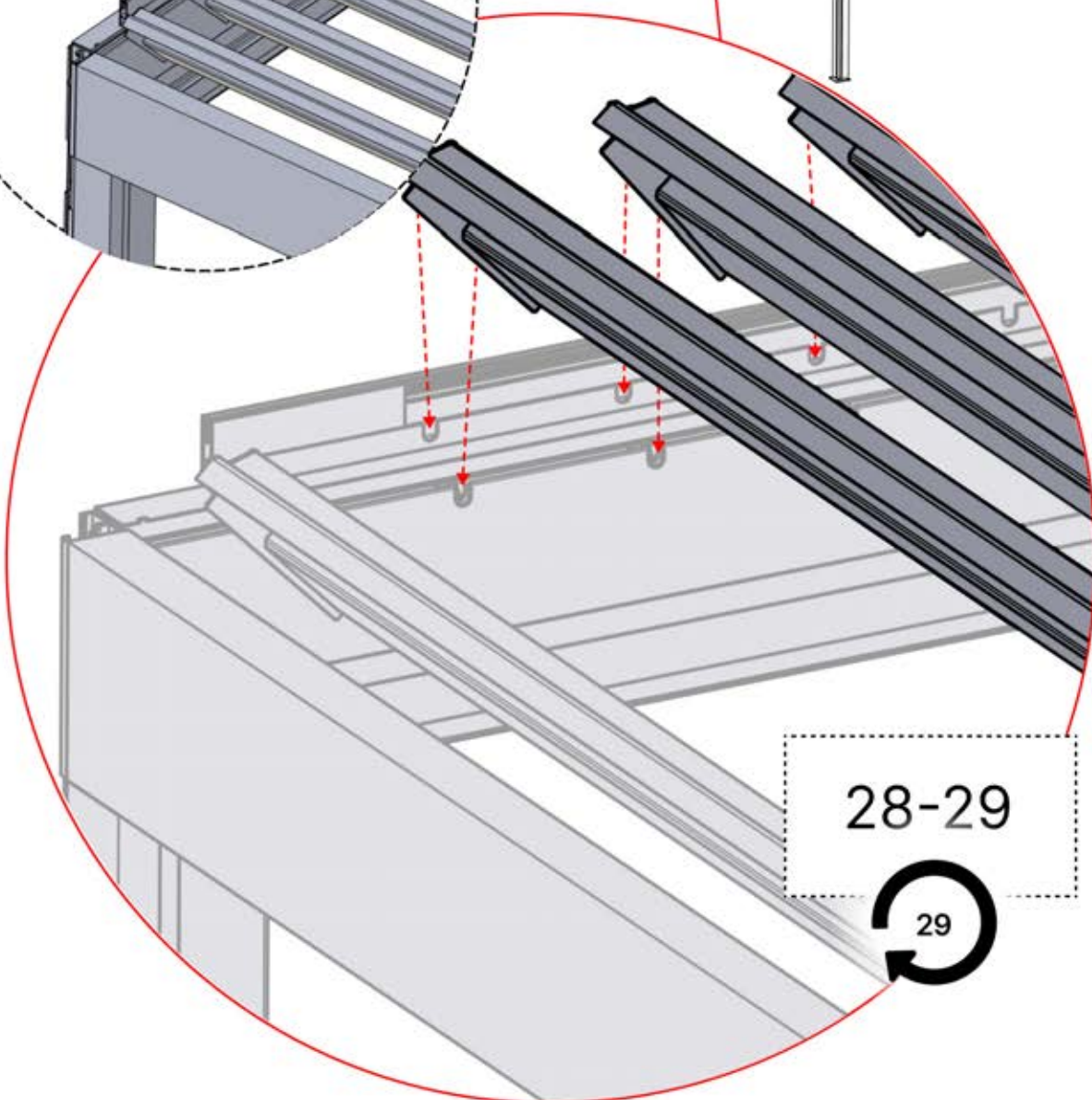
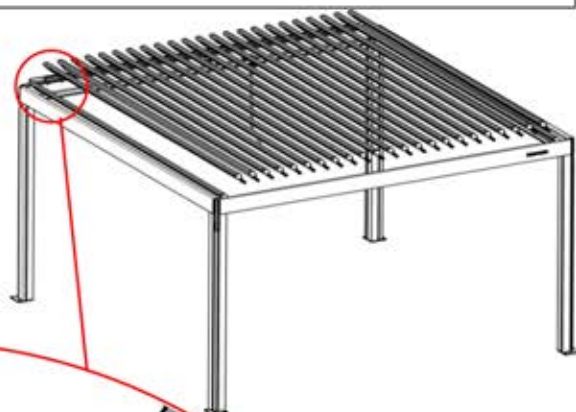
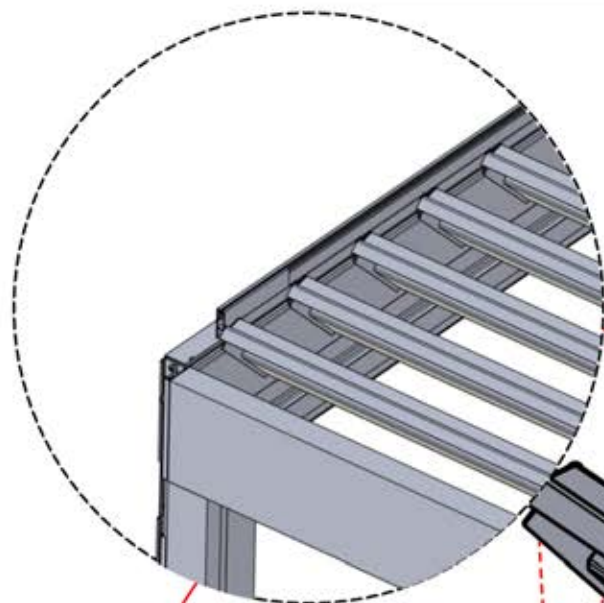
ANTHRACITE: L203
WHITE: L207
BLACK: L205



PN-200002714
23x



PN-200002714
6x



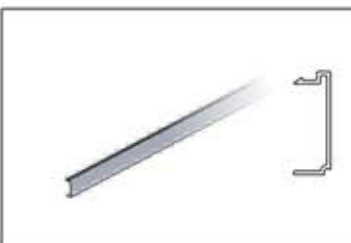
28-29

29

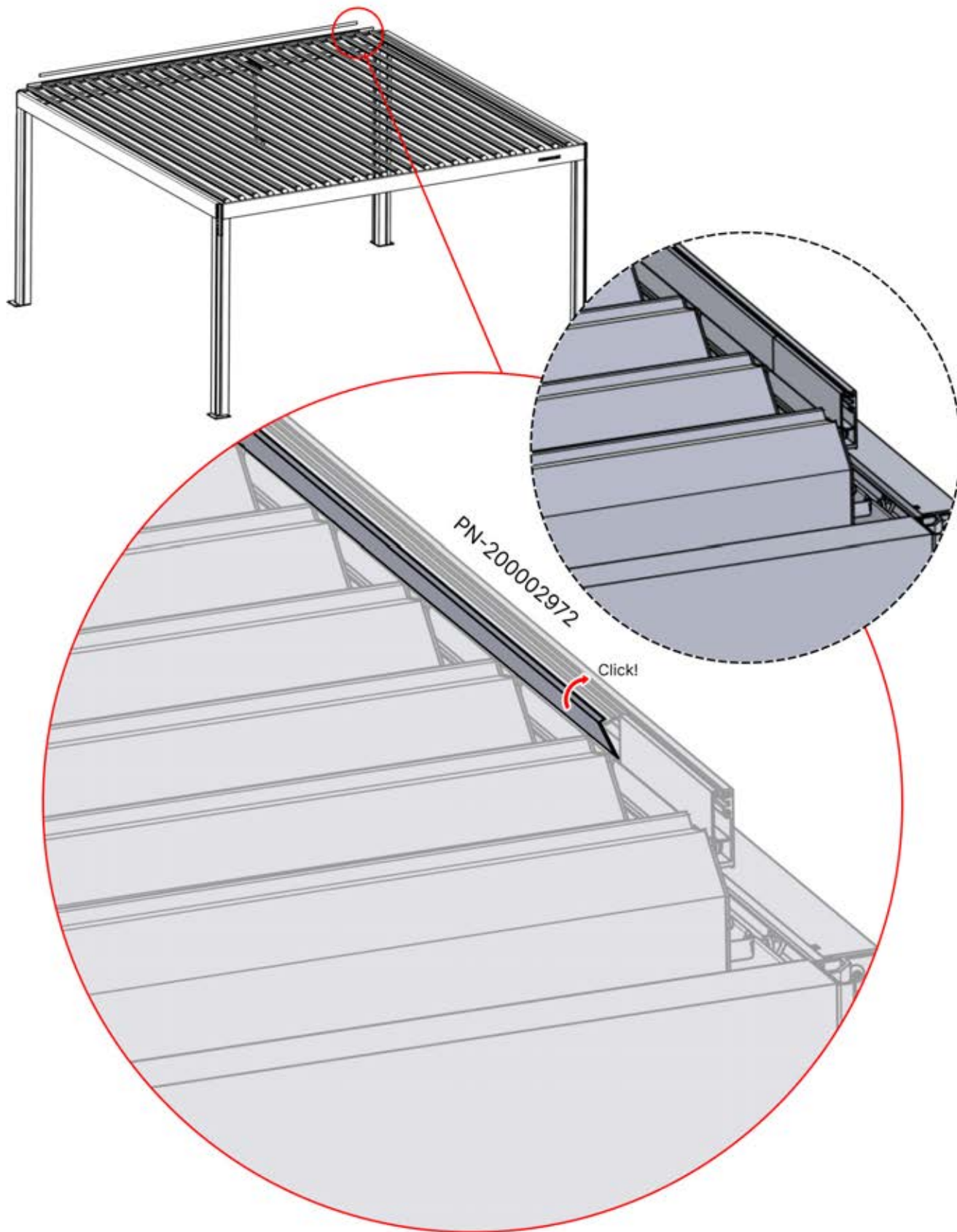
36



ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002972
1x



37



4

ANTHRACITE: B280
 WHITE: B195
 BLACK: B192



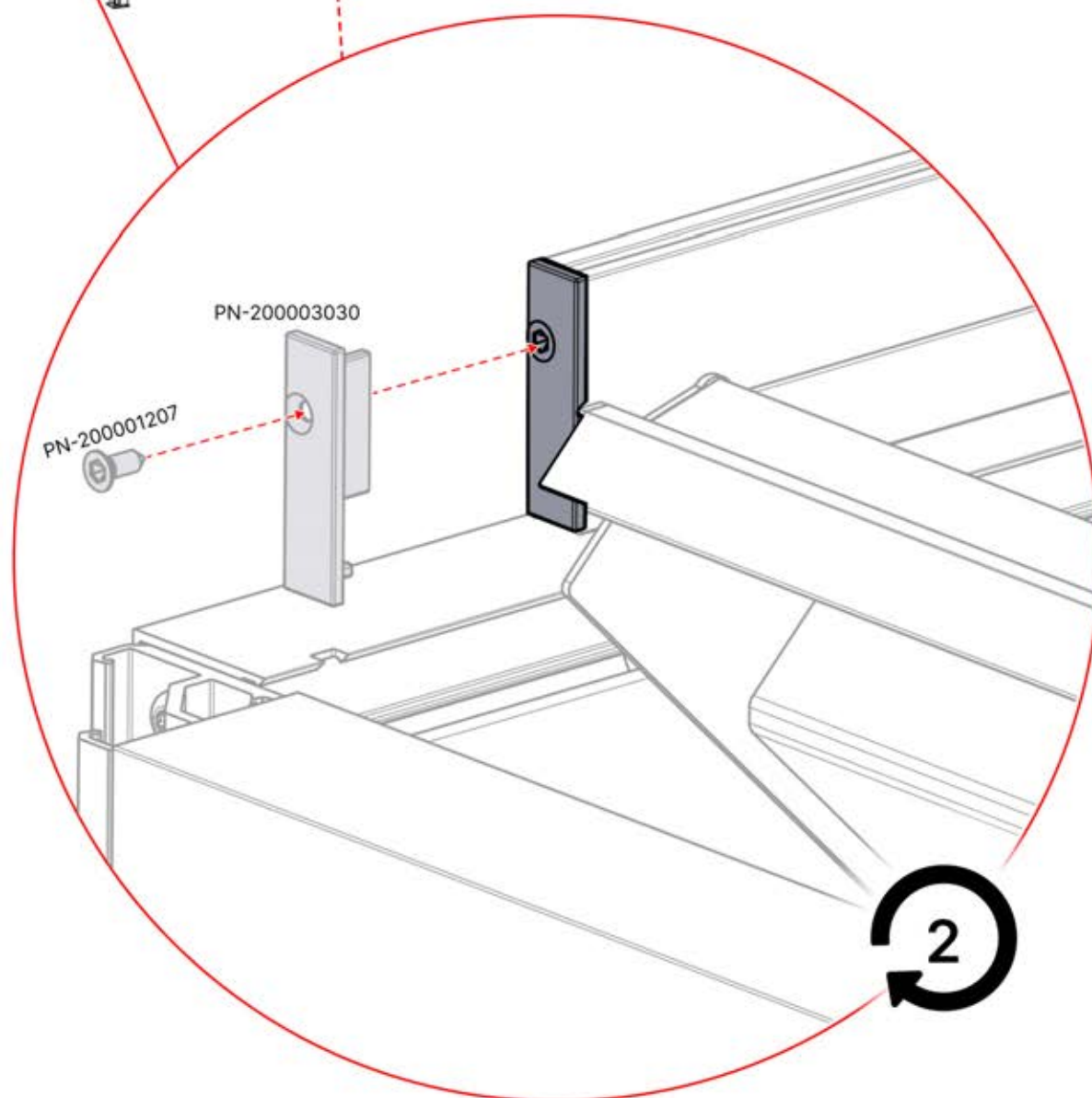
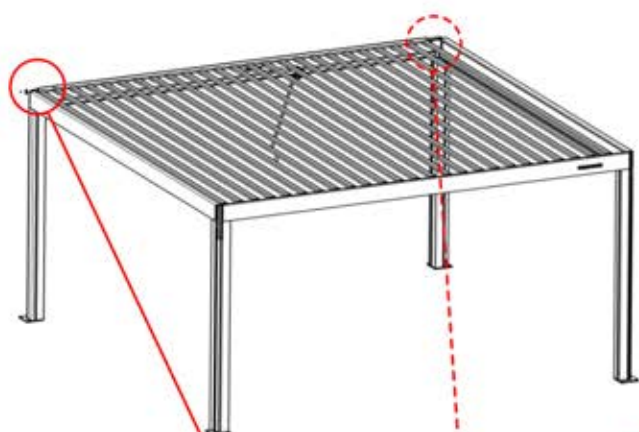
PN-200003030
1x



PN-200003031
1x



PN-200001207
2x



38

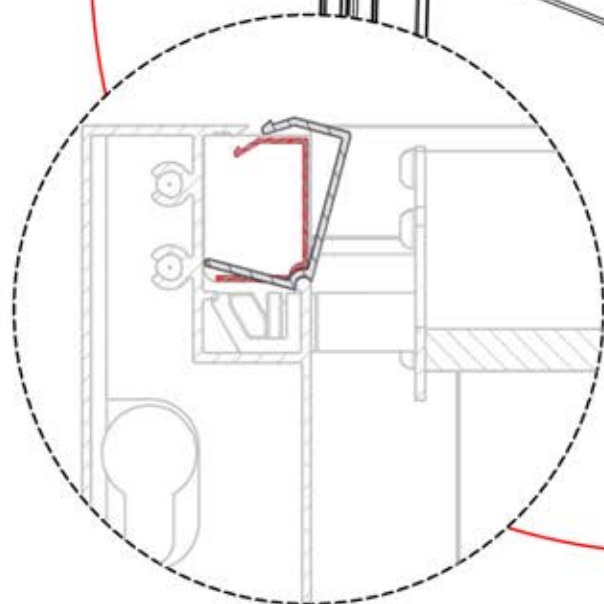
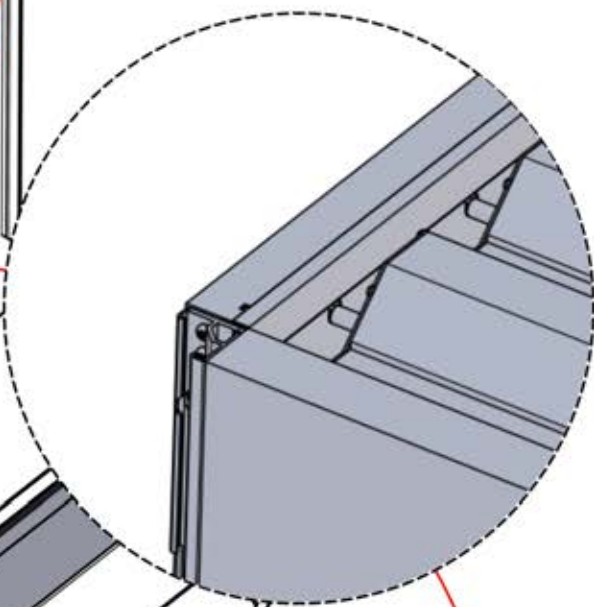
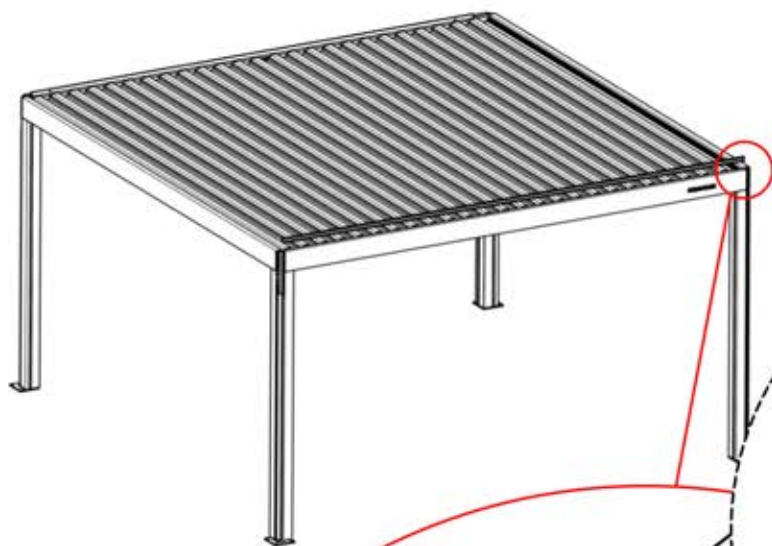


4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002861
1x



39



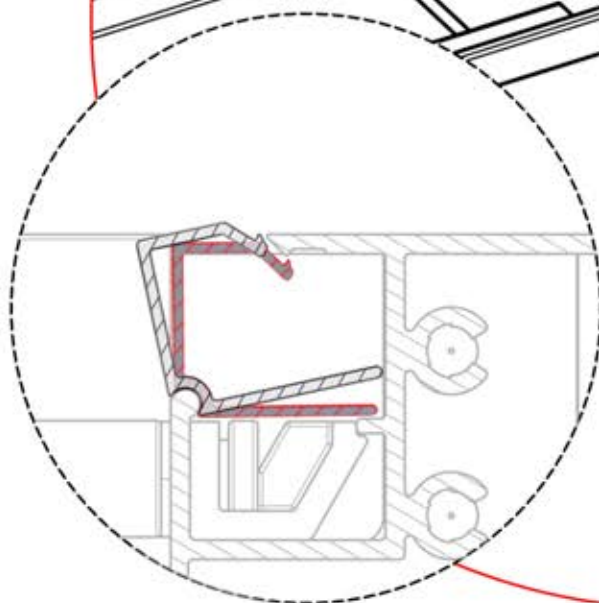
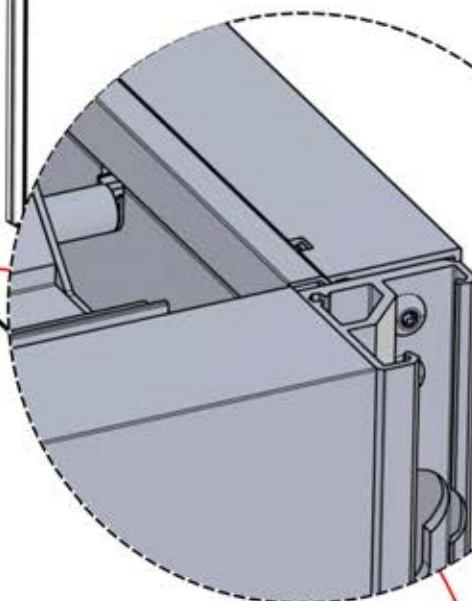
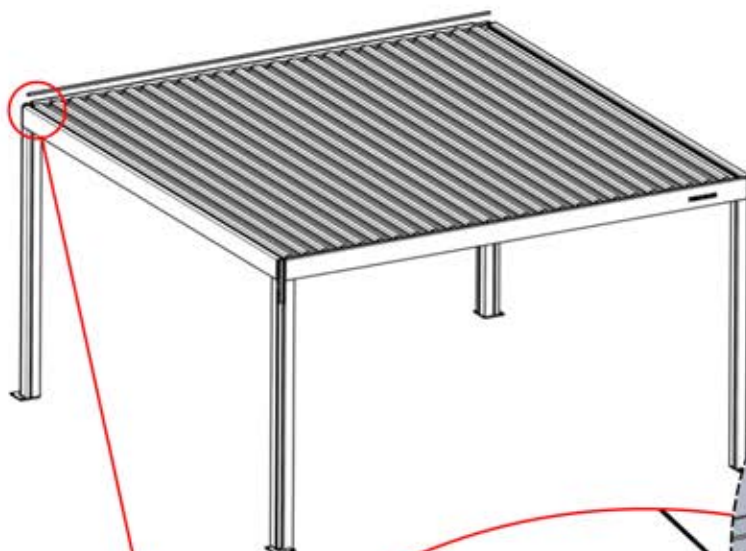
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002974

1x



40



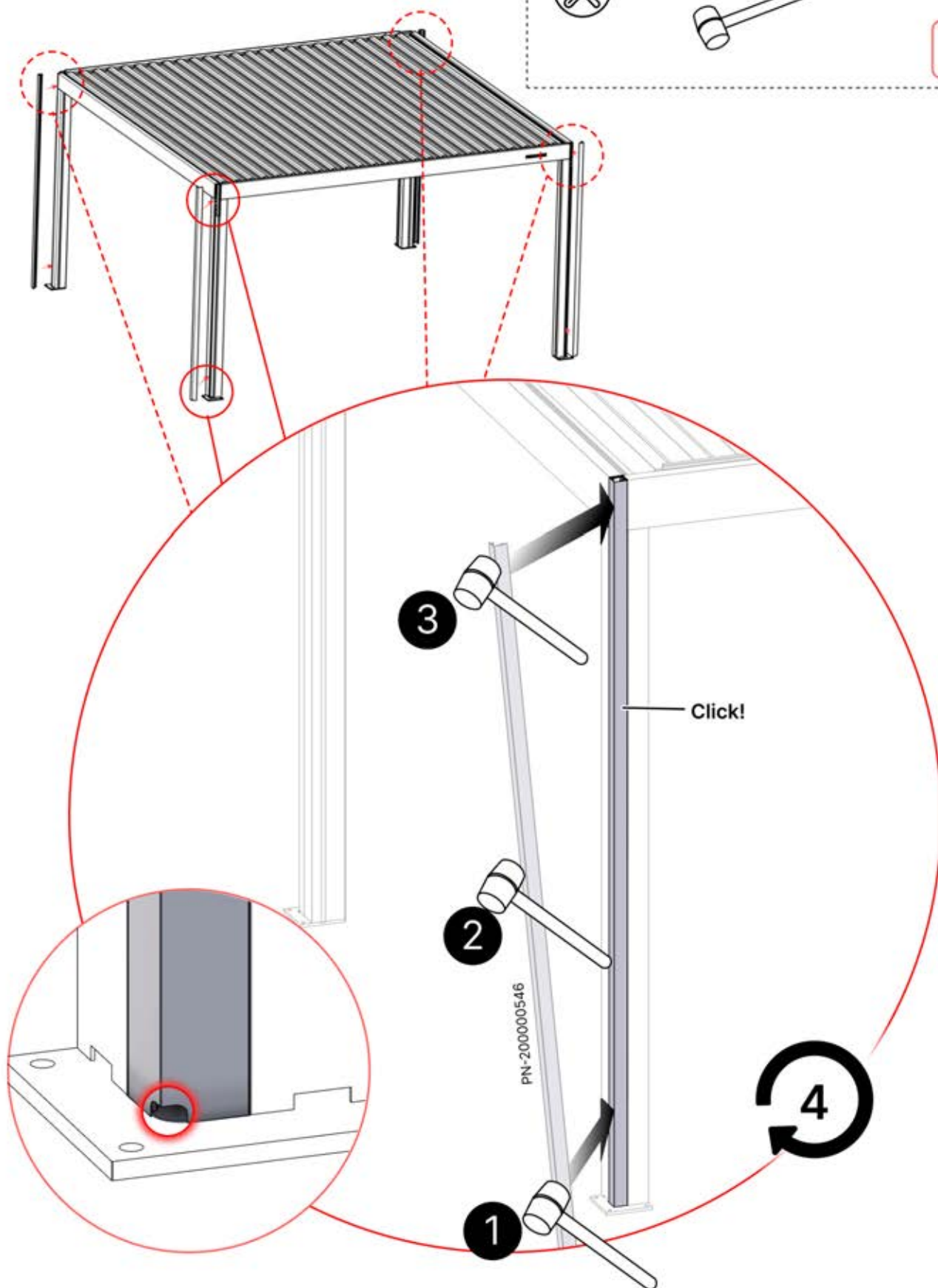
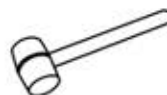
5

ANTHRACITE: C120
WHITE: C122
BLACK: C121

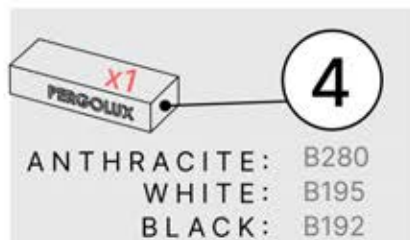


PN-200003386

4X



41



PN-200001514

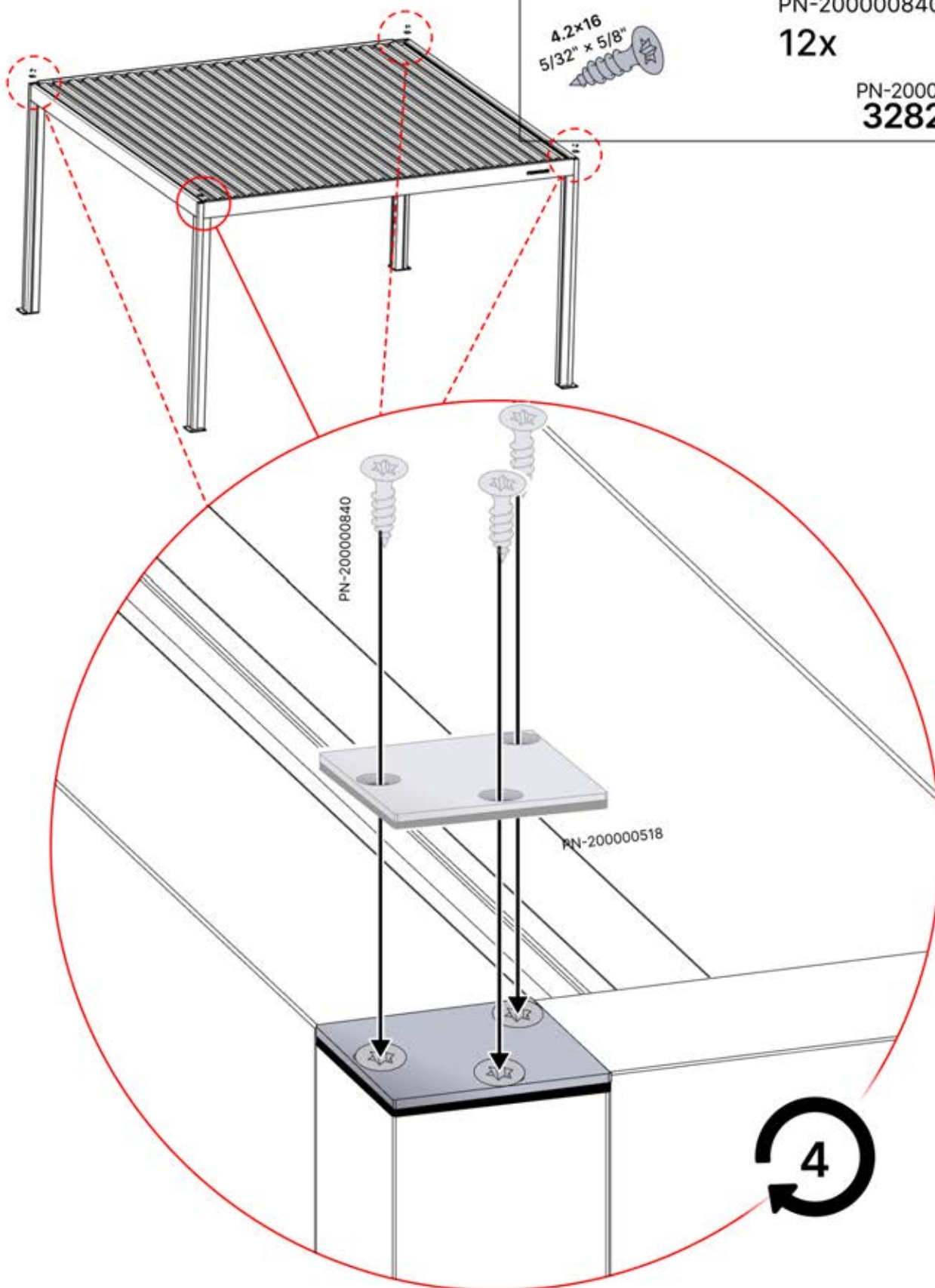
4x



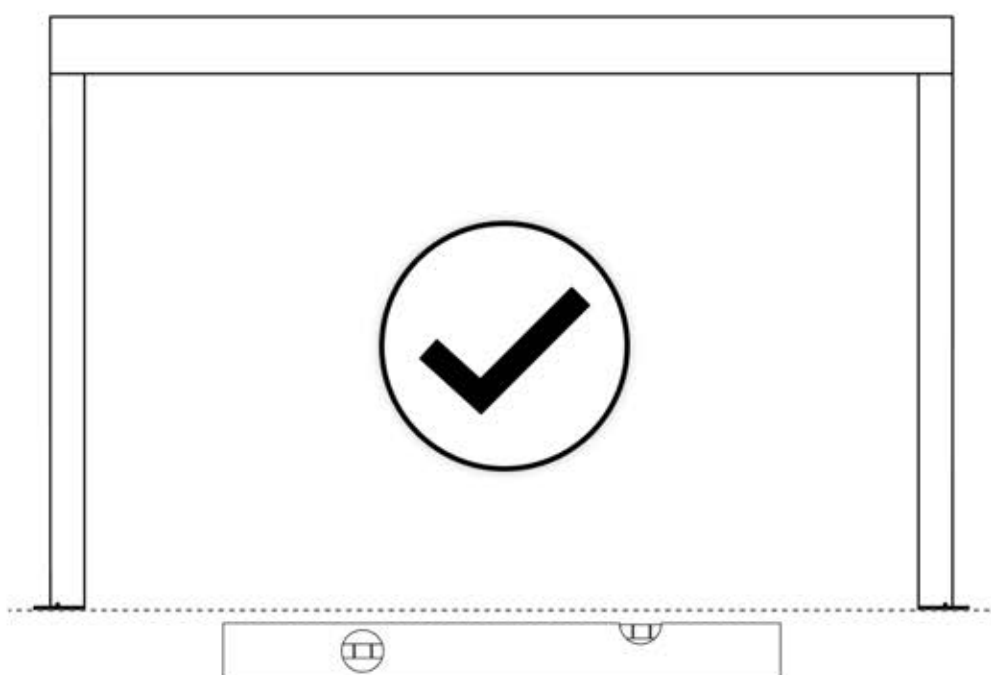
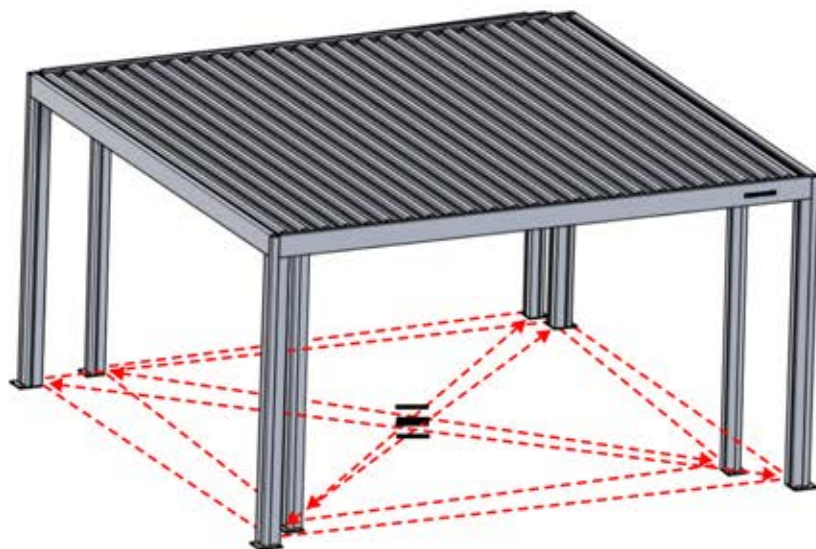
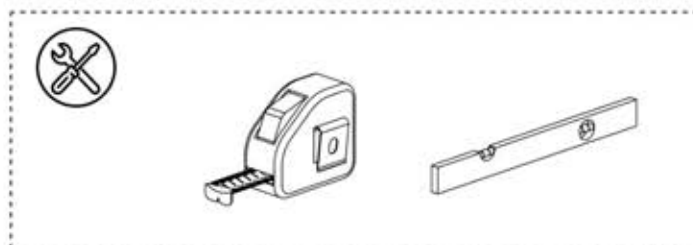
PN-200000840

12x

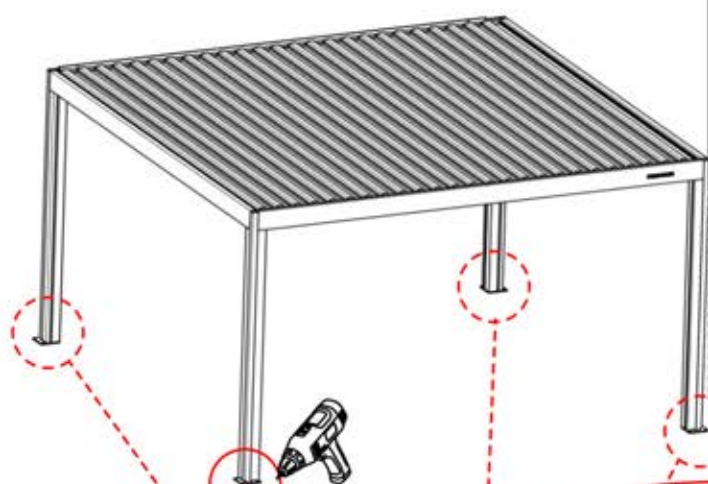
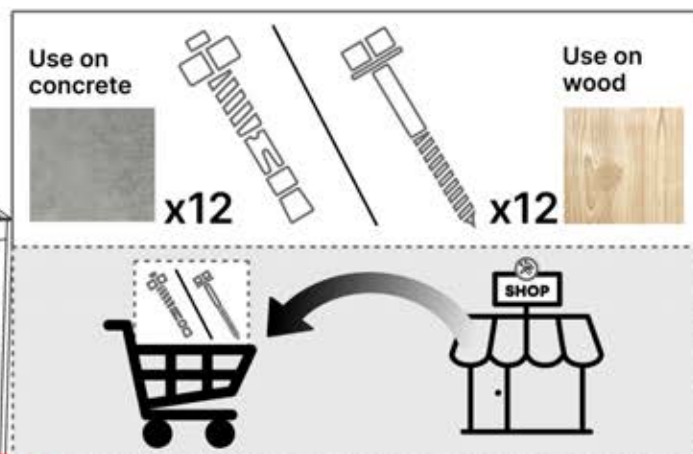
PN-20000
3282



42

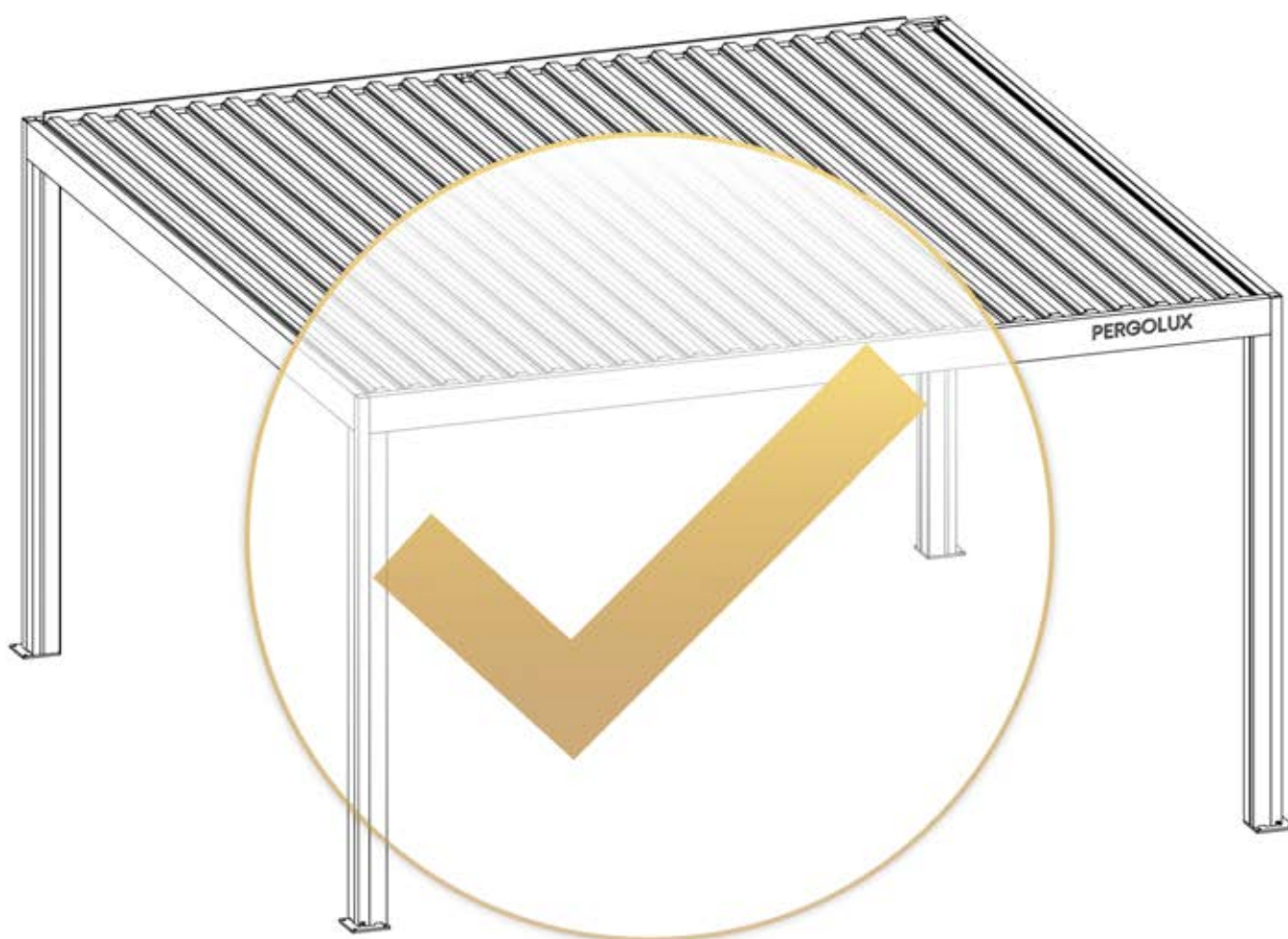


43



PERGOLUX | PERGOLA+ FREESTANDING S4

3 X 5 M / 10' x 16'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

