S3

PERGOLA

3x3m /10'x10'
FREESTANDING

PERGOLUX

Designed and developed by PERGOLUX

10 Year GUARANTEE

reddot winner 2024

TÜVRheinland CERTIFIED

Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111293124

PERGOLUX

I N F O R M A T I O N

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.

C E

Congratulations and thank you for choosing a PERGOLUX Product!

To enjoy this product for a long time as well as for your own and others' safety, please follow the installation instructions. Before you start assembling and using the pergola, ensure that all the parts listed in the manual are delivered and intact. If you need help with the installation, you can contact us by chat, phone, e-mail or via our website.

We wish you good luck with the assembly process!

Contact:

pergolux.de	pergolux.co.uk
pergoluxshop.com	pergolux.dk
pergolux.se	pergolux.no
Australia	pergolux.fr
pergolux.ch	pergolux.it
pergolux.nl	at.pergolux.de
pergolux.cl	pergolux.com.br

I N F O R M A T I O N

Having some issues
and need to submit a claim?

If you are facing an issue with your PERGOLUX
product and needs to submit a claim please read
this article:

Complaints and Technical Issues

Reklamation einreichen. Schritt für Schritt Anleitung

Submit the claim here:

Anfrage einreichen

Anfrage einreichen

Een aanvraag indienen

Submit a request

Submit a request

Enviar una solicitud

Enviar una solicitud

Submit a request

Send oss en henvendelse

Skicka oss en förfrågan

Send os en forespørgsel

Envoyer une demande

Invia una richiesta

S Y M B O L   E X P L A N A T I O N

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 to avoid 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
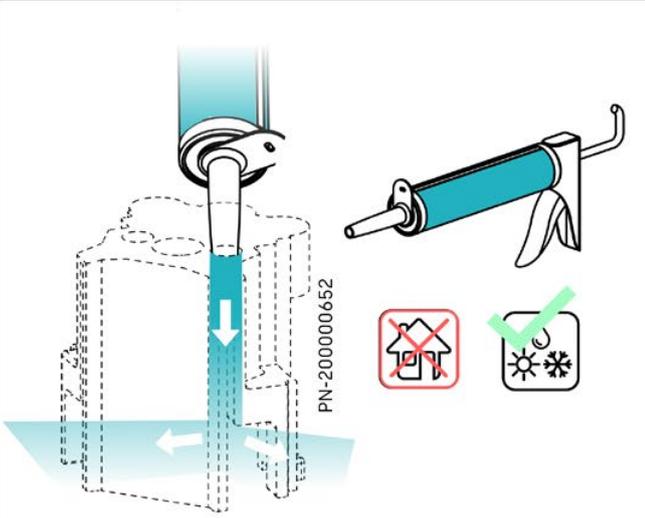
PN-200000652

Use a high-quality, waterproof, UV-resistant silicone suitable for metal surfaces, to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, lasting bond.
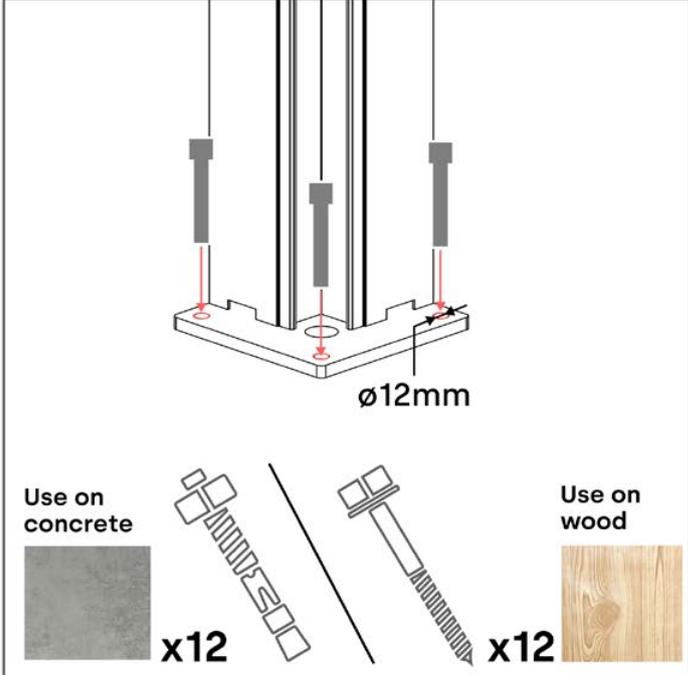
ø12mm

Use on concrete   x12

Use on wood   x12

You need to buy anchoring hardware/screws suitable for your installation surface.

SHOP
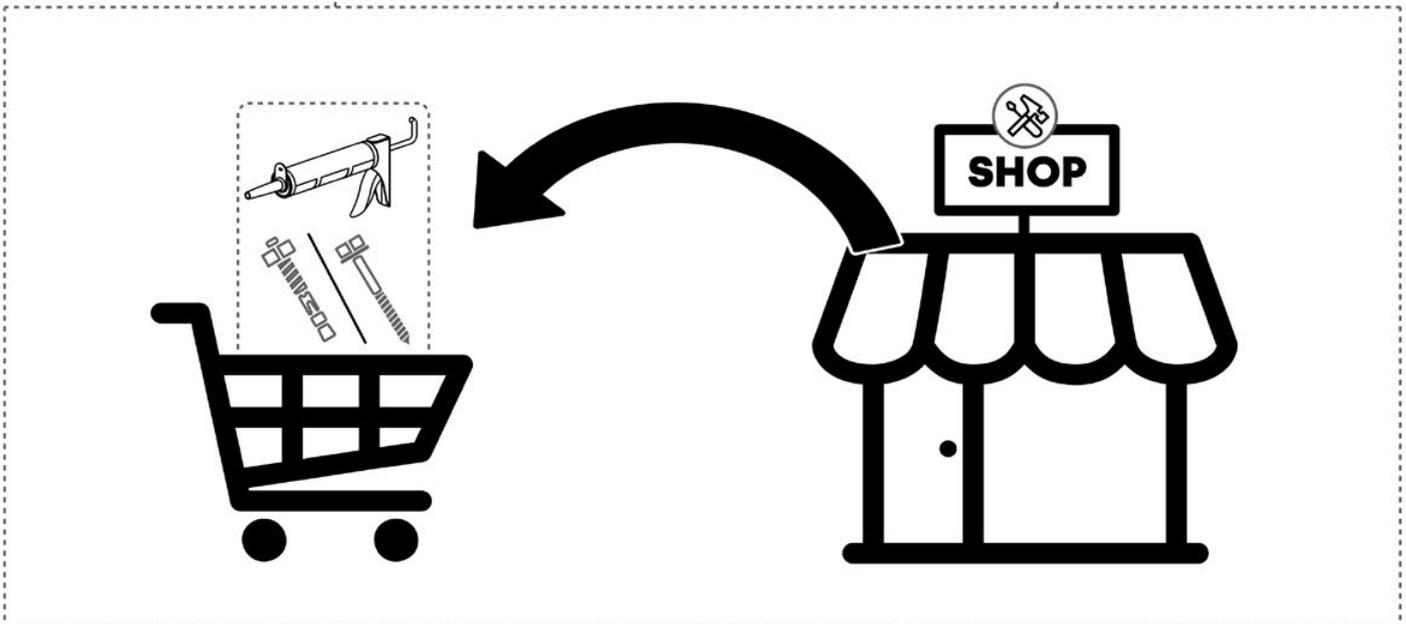
INFORMATION

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.

Apply lubricant to make screw assembly easier.

TOOLS
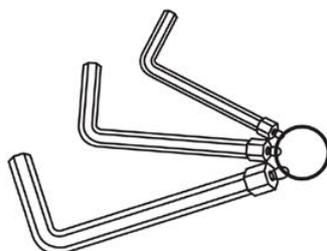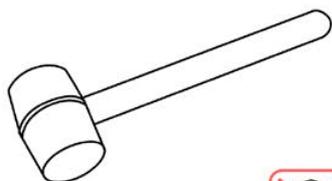
3mm, 4mm, 5mm
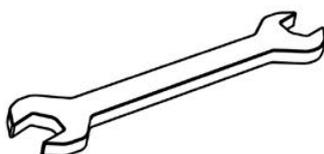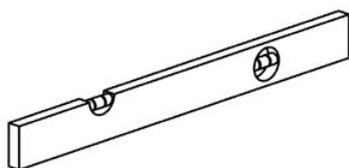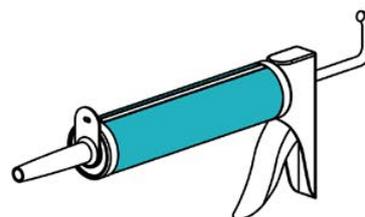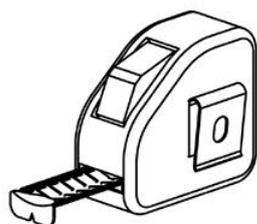
5,5mm, 7mm, 8mm,
10mm, 13mm
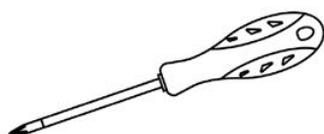
TX15, TX20, TX25, TX30

P A C K A G E   O V E R V I E W

** Only if you ordered
LED lights to your pergola
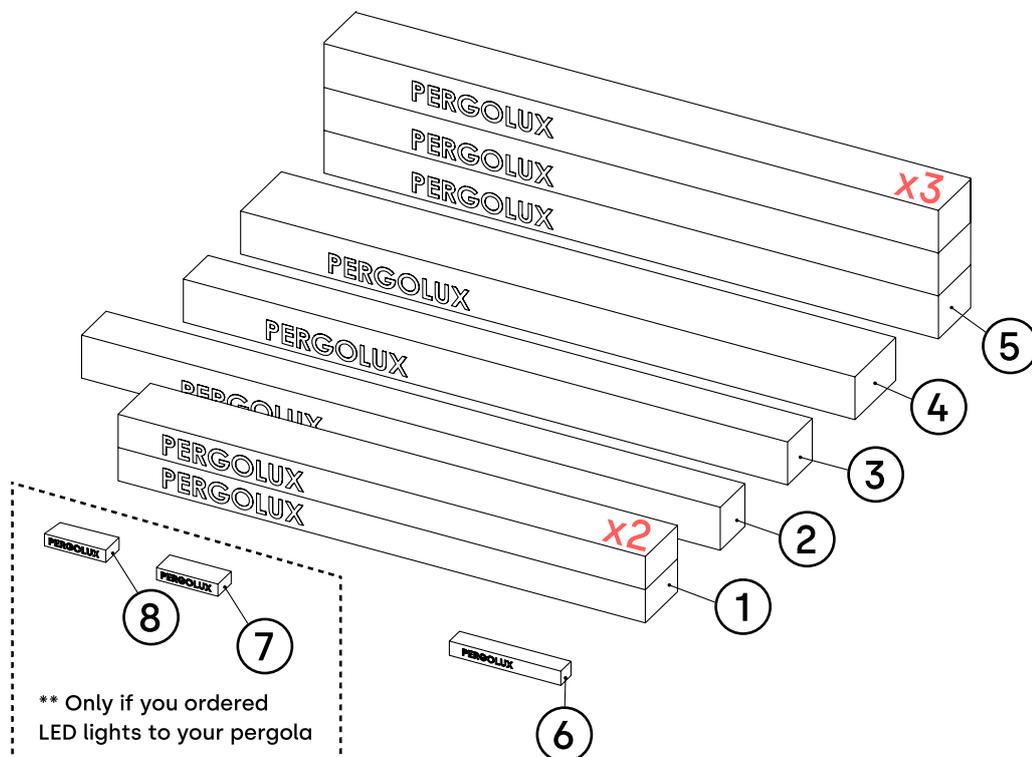
O R D E R	A N T H R A C I T E	W H I T E	B L A C K
1	C103	C105	C107
2	B115	B127	B139
3	B119	B131	B143
4	L113	L125	L137
5	L112	L124	L136
6	A106 MANUAL MOTOR	A108 MANUAL MOTOR	A106 MANUAL MOTOR

** Only if you ordered LED lights to your pergola

7	CONTROL BOX
8	POWER CABLE

ITEMS IN BOX

x2

	ANTHRACITE	WHITE	BLACK
1	C103	C105	C107

CORNER POLE
PN-200000559
4x
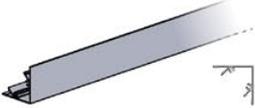
PN-200000546
4x
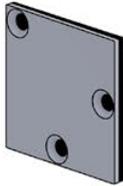
PN-200000518
K 4x
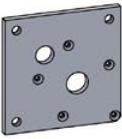
PN-200000535
B 4x

PN-200000840
4.2x16
5/32" x 5/8"
K 12x

PN-200000560
5.5x60
7/32" x 2-3/8"
B 20x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
2	B115	B127	B139

L2 BEAM
PN-200000706

1x

L1 BEAM
PN-200000670

1x

BEAM WITH
PERGOLUX
LOGO

PN-200000688

2x

Pre-assembled part

PN-200000582

2x

PN-200000585

1x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
2	B115	B127	B139

5.5x38
7/32" x 1-1/2"
PN-200000668
J 8x
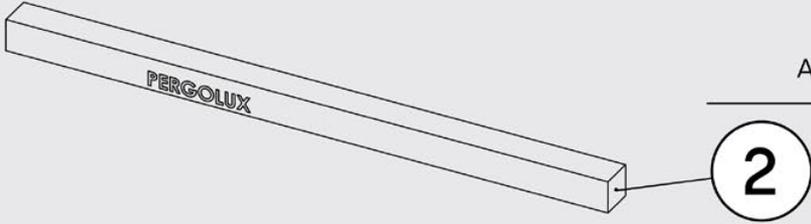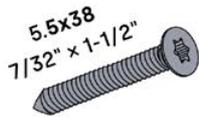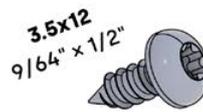
3.5x12
9/64" x 1/2"
PN-200000660
M 8x
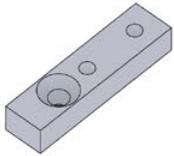
PN-200000667
J 8x

PN-200000652
O 4x

5.5x50
7/32" x 2"
PN-200000568
E 32x

5.5x70
7/32" x 2-3/4"
PN-200000958
O 4x

6x20
1/4" x 3/4"
PN-200000658
J 16x
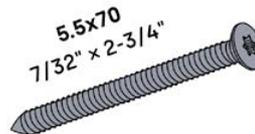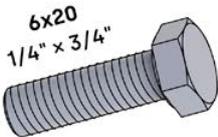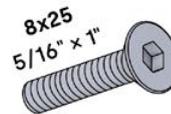
8x25
5/16" x 1"
PN-200001334
T 1x
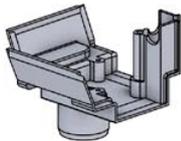
PN-200000653
M 4x

PN-200000969
T 1x
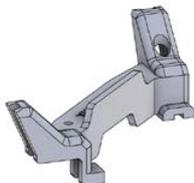
PN-200000650
L 4x
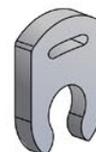
PN-200000677
H 19x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
2	B115	B127	B139
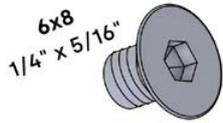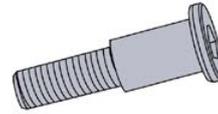
6x8
1/4" x 5/16"

PN-200000573
S 3x

LUBRICANT
TOOLS 1x

PN-200001861
TAPE 8x

PN-200000532
R 19x

PN-200000529
R 19x

PN-200000666
R 19x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
3	B119	B131	B143

PN-200000709

2x

Pre-assembled part
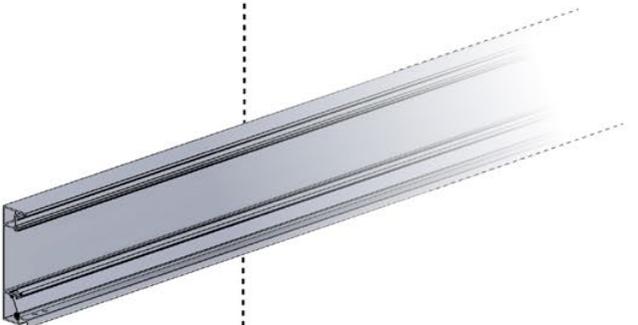
W BEAM
PN-200000707

2x
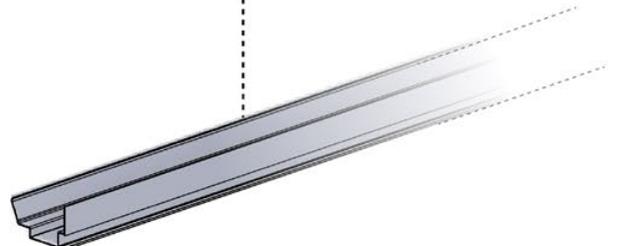
PN-200000687

2x

Pre-assembled part

ITEMS IN BOX
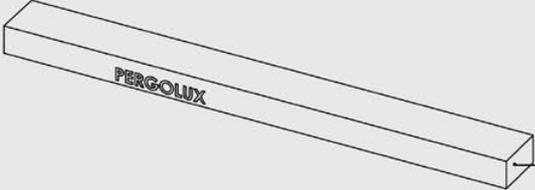
	ANTHRACITE	WHITE	BLACK
4	L113	L125	L137
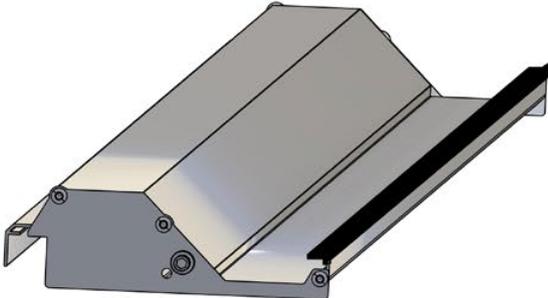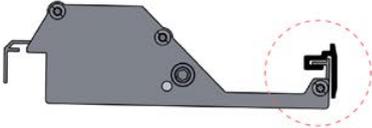
PN-200000718

1x
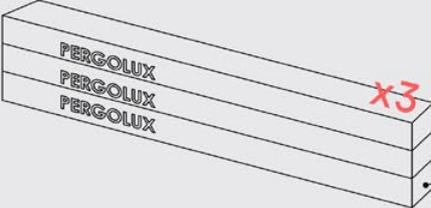
	ANTHRACITE	WHITE	BLACK
5	L112	L124	L136

x3
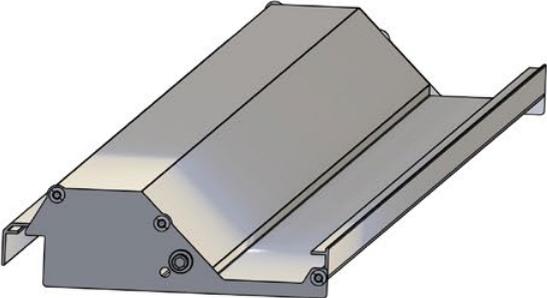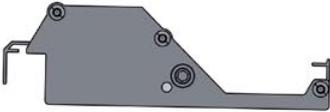
PN-200000717

18x

ITEMS IN BOX

6 MANUAL MOTOR
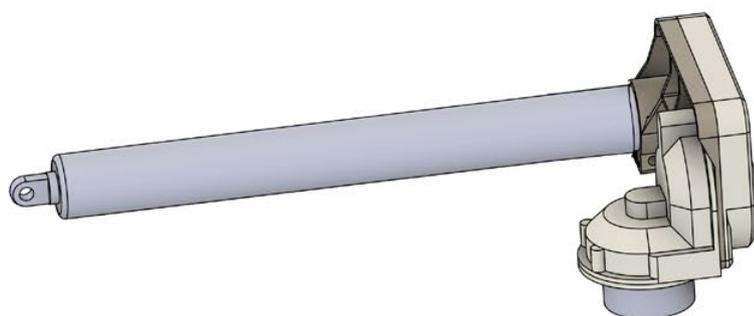
Manual motor
PN-200001563
1x

PN-200001623
1x

PN-200001624
1x

PN-200001625
2x

Hand crank
1x

ITEMS IN BOX

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

Control box

1x

PN-200002756

1x

PN-200002754

1x
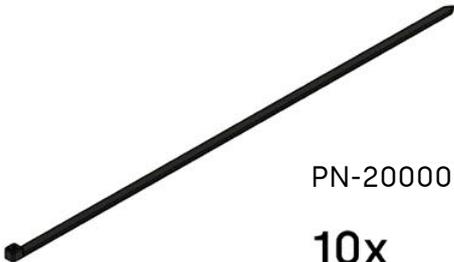
PN-200002684

10x

PN-200002758

1x

PN-200002683

5x

PN-200002753

2x

QR-code

1x

PN-200002759

2x

3M tape

1x

PN-200002757

1x

I T E M S   I N   B O X

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

8 **POWER CABLE**
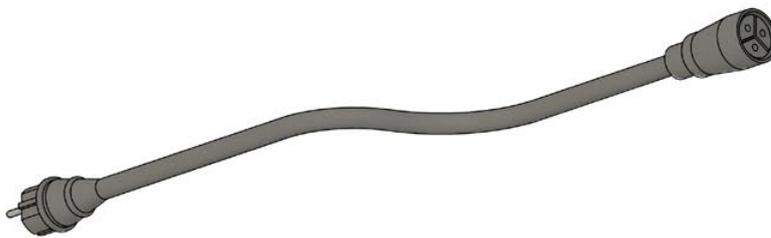
Power cable

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

3 x 3 M / 10'x10'

L2 BEAM
PN-200000706

W BEAM
PN-200000707

W BEAM
PN-200000707

L1 BEAM
PN-200000670

CORNER POLE
PN-200000554

PERGOLUX

3 x 3 M / 10' x 10'

A

92$\frac{33}{64}$" H=**99**$\frac{13}{32}$" 102$\frac{37}{64}$"

2350 H=**2525** 2606

OPEN POSITION

B

2760 108$\frac{21}{32}$"

MOTOR

LOUVER
DRAIN
SLOPE

W=**3000** W=118$\frac{7}{64}$" 121$\frac{17}{64}$"

3080 OUTSIDE BASEPLATE

C

L=**3000** L=118$\frac{7}{64}$"

3080 121$\frac{17}{64}$"

OUTSIDE BASEPLATE
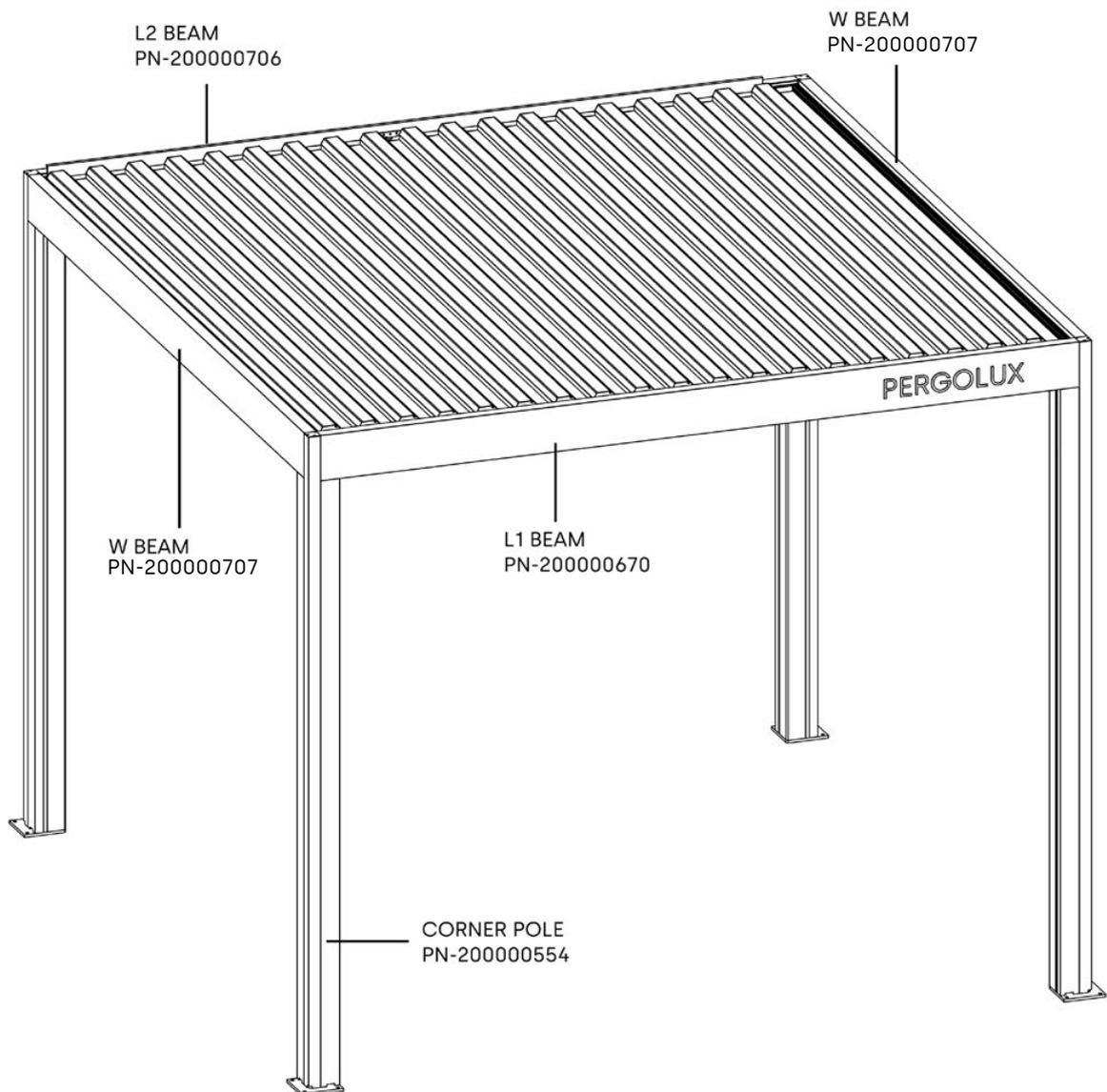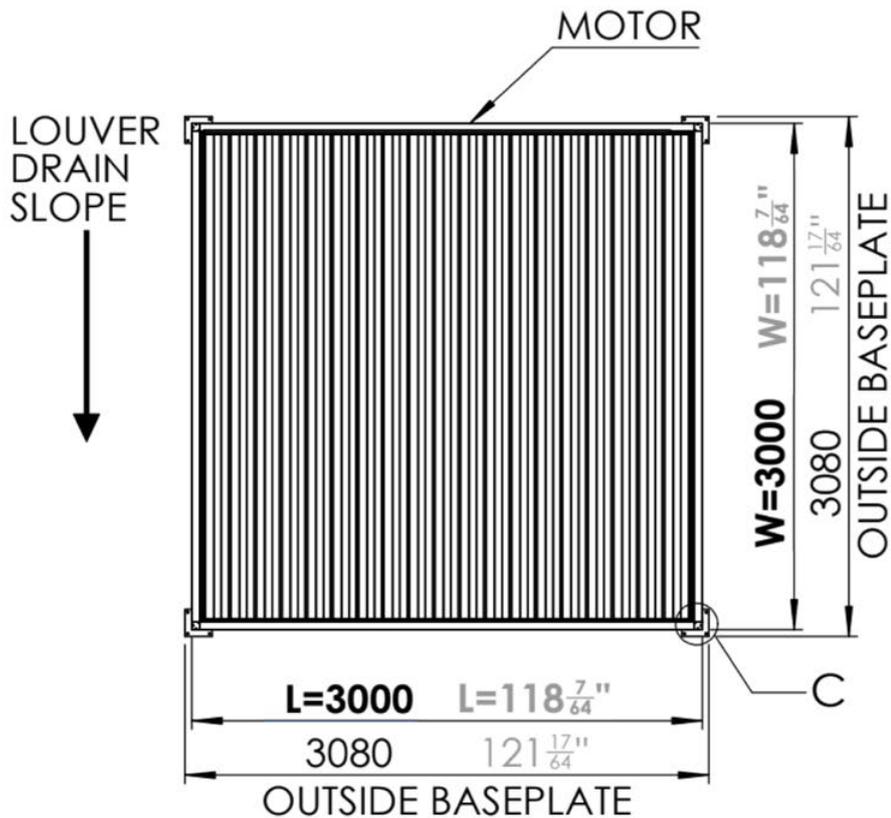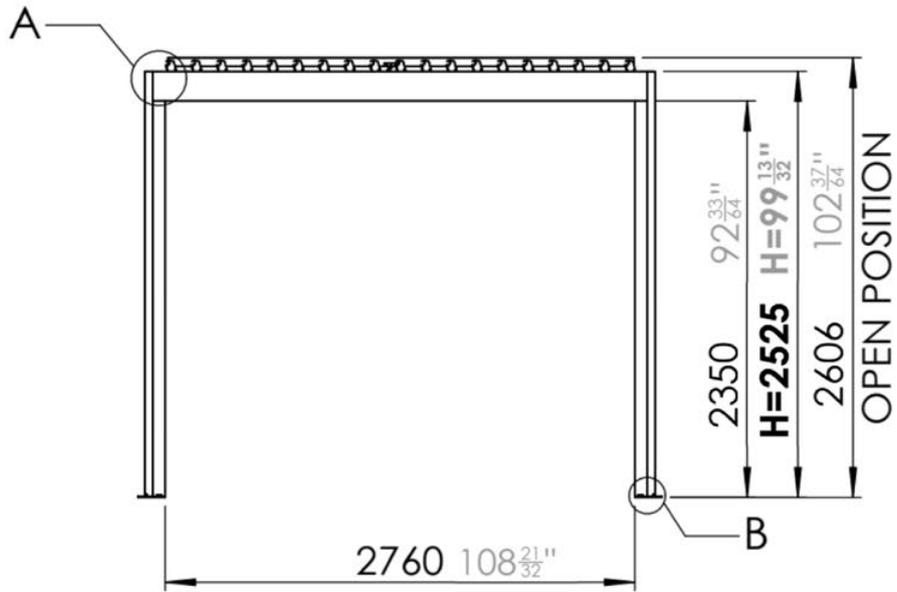
1

Are you going to install LED-Lights, screens or glass walls?

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

Cover and clips

PN-200000512
LED STRIP COVER CLIP

LED COVER
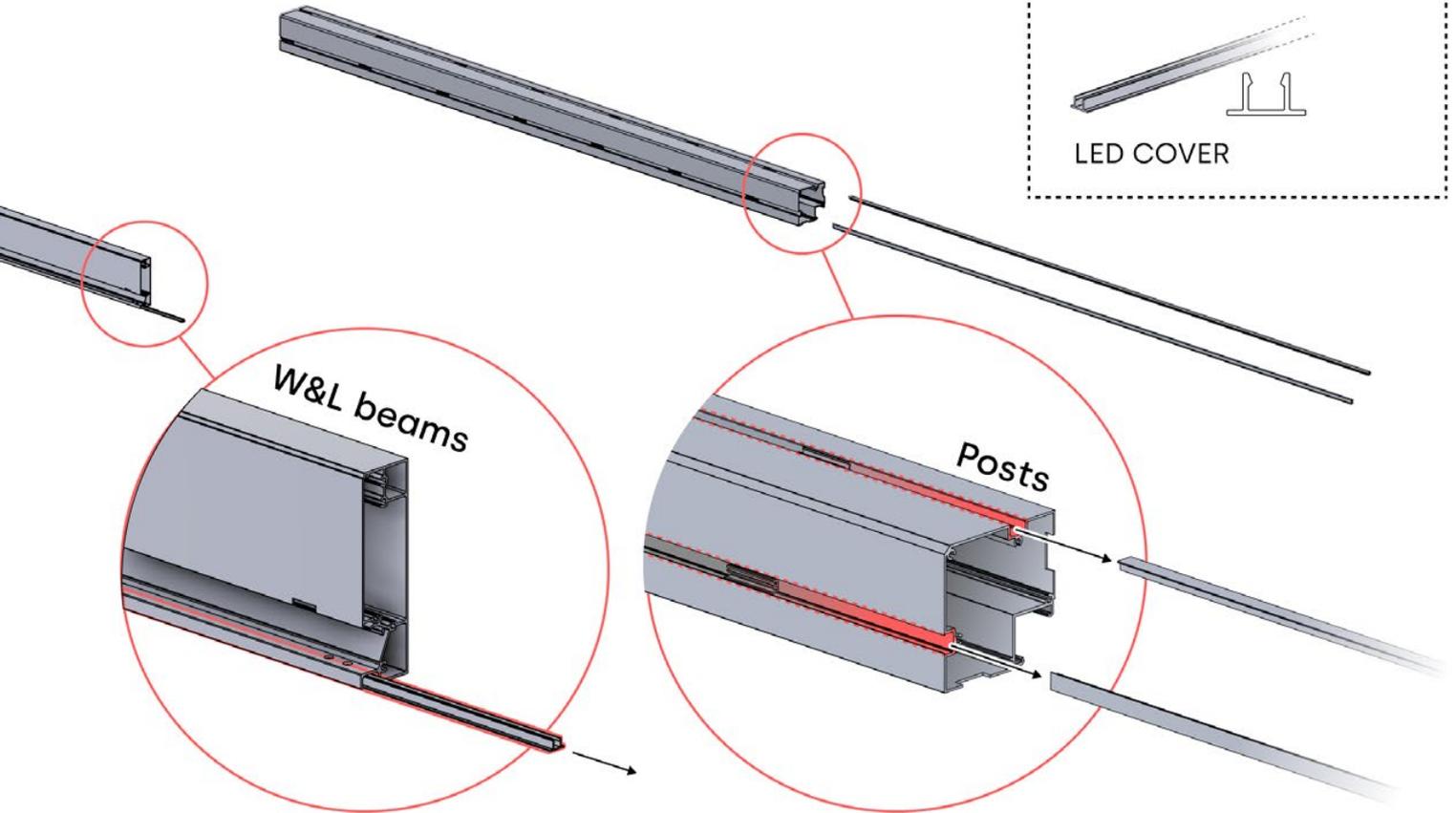
W&L beams

Posts

Gutter beams

If you are using **LED-lights**, then remove strips and clips from **gutter**.

W&L beams

If you are using **glass walls or screens**, then remove strips and clips from **beams.**

Posts

If you are using **glass walls**, then remove strip cover from **posts**.

2

PERGOLUX
(3)

ANTHRACITE: **B119**
WHITE: **B131**
BLACK: **B143**

2x

PN-200000709

W BEAM
PN-200000707

W BEAM COVER
PN-200000709

2
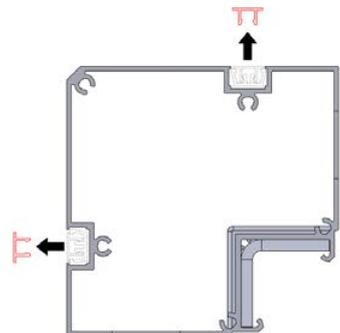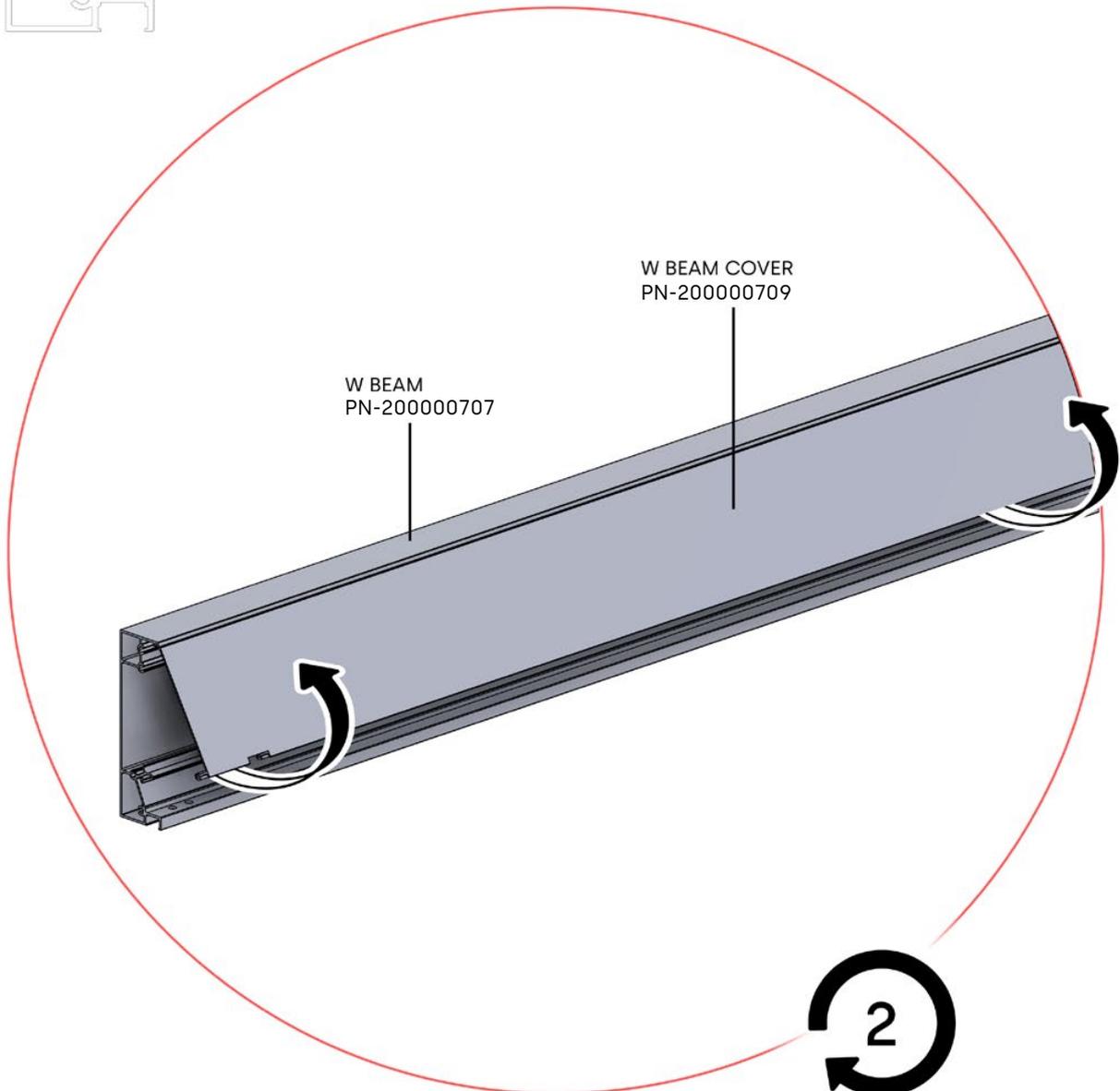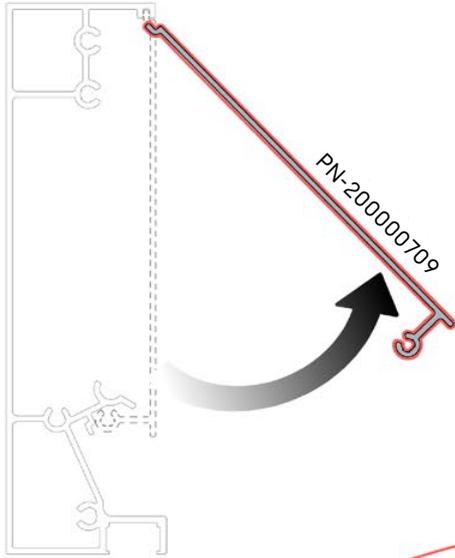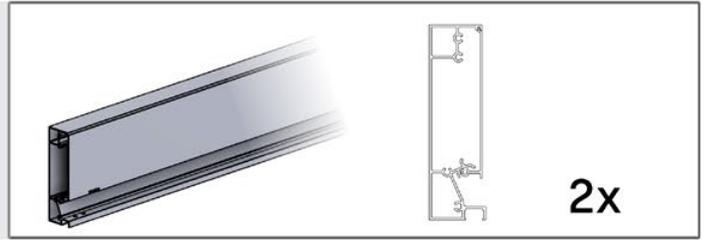
3

x2

PERGOLUX
PERGOLUX
1

ANTHRACITE: **C103**
WHITE: **C105**
BLACK: **C107**

PN-200000559
4x

PN-200000535
B | **4x**

5.5x60
7/32" x 2-3/8"
PN-200000560
B | **20x**

PN-200000559

PN-200000535

PN-200000560

PN-200000560

4

✅ ❌

23

4

PERGOLUX
PERGOLUX x2

①
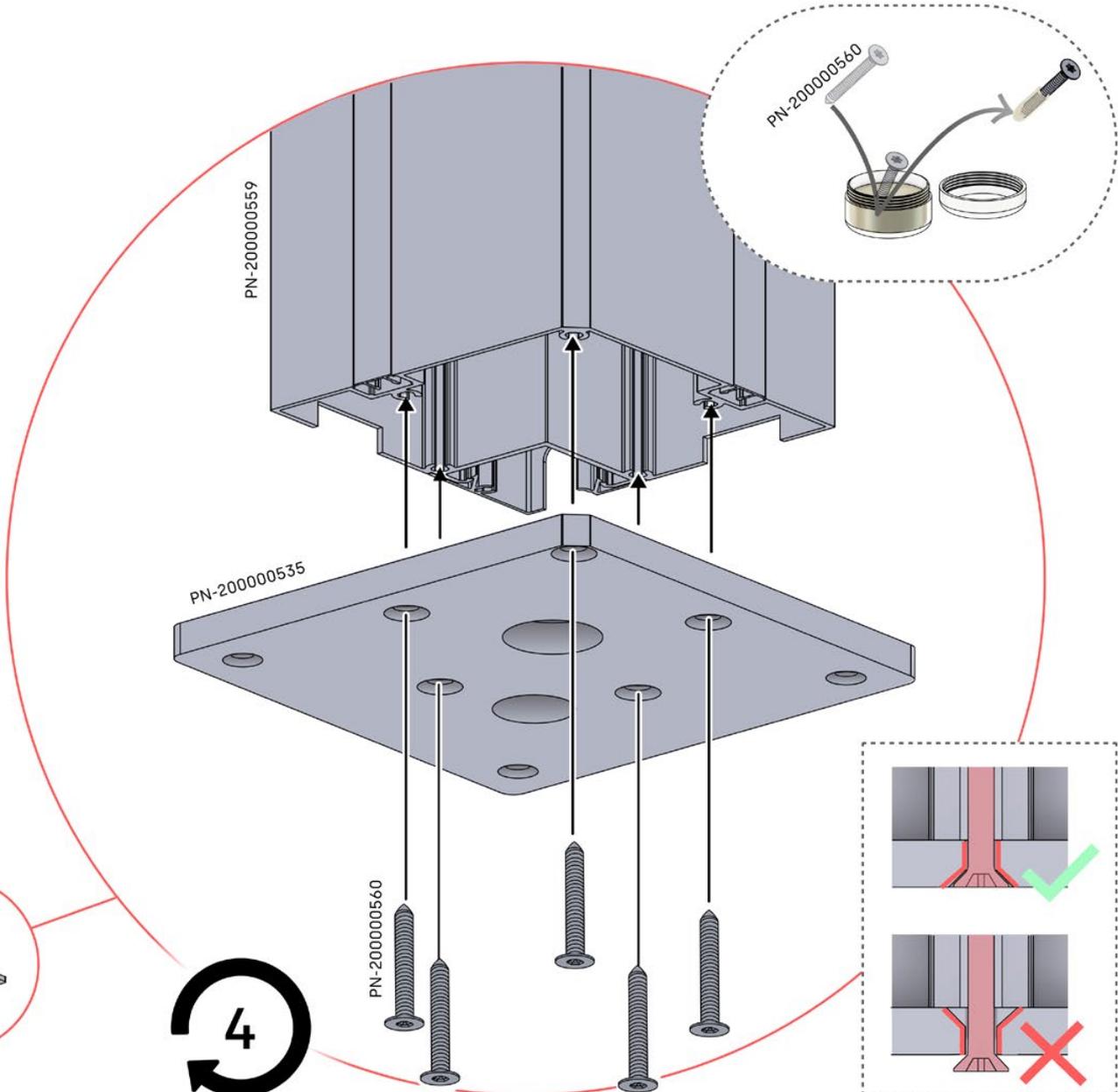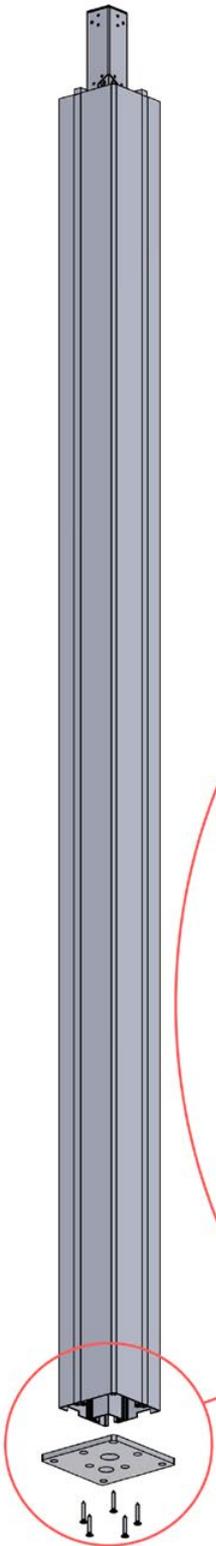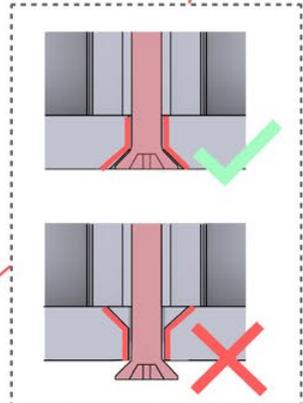
ANTHRACITE:	C103
WHITE:	C105
BLACK:	C107
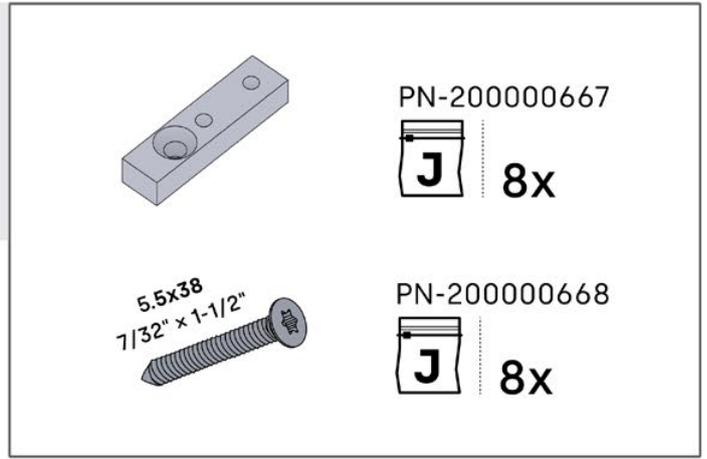
PN-200000667
J | 8x

5.5x38
7/32" x 1-1/2"

PN-200000668
J | 8x

PN-200000668

PN-200000667

PN-200000559

4

5

ANTHRACITE: **B115**
WHITE: **B127**
BLACK: **B139**

2
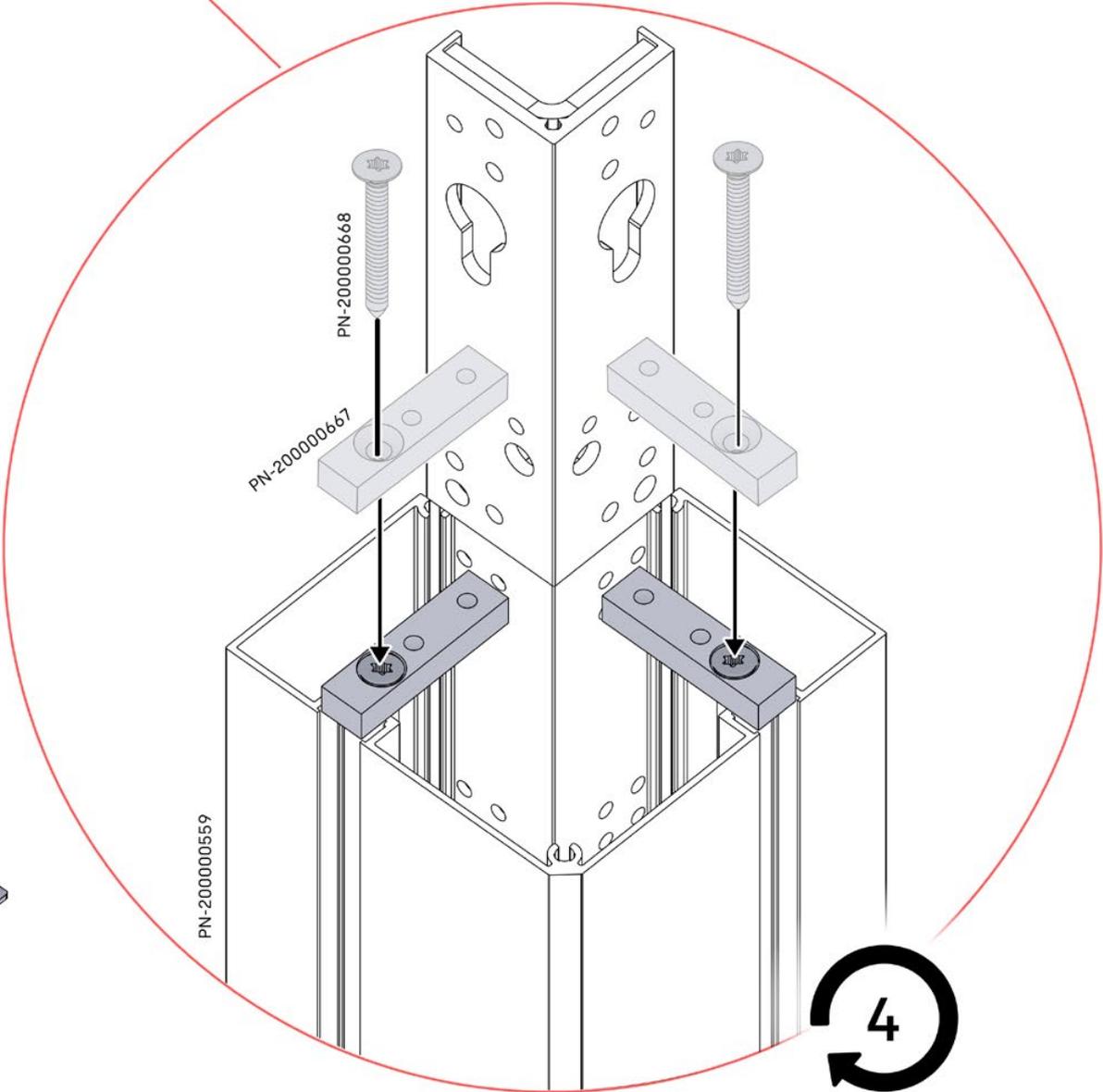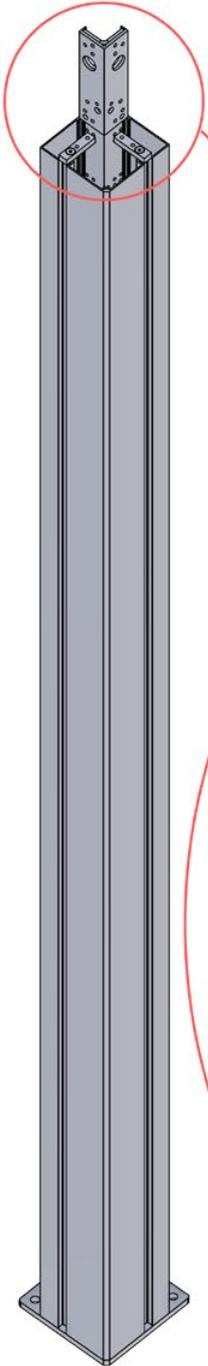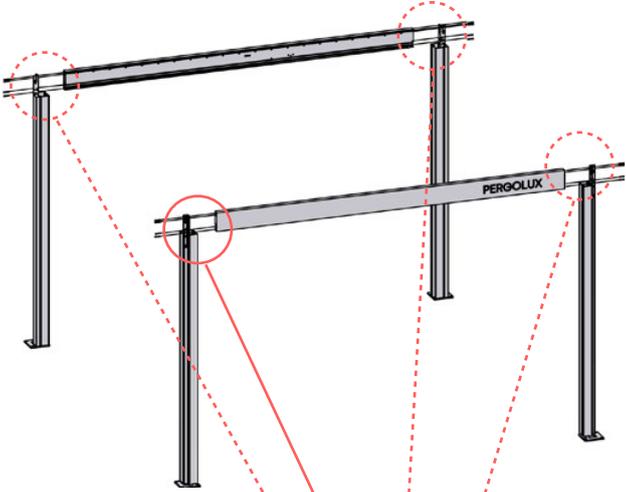
PN-200000706

1x

BEAM WITH
PERGOLUX
LOGO

PN-200000670

1x
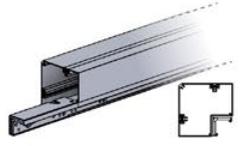
PN-200000559

4x
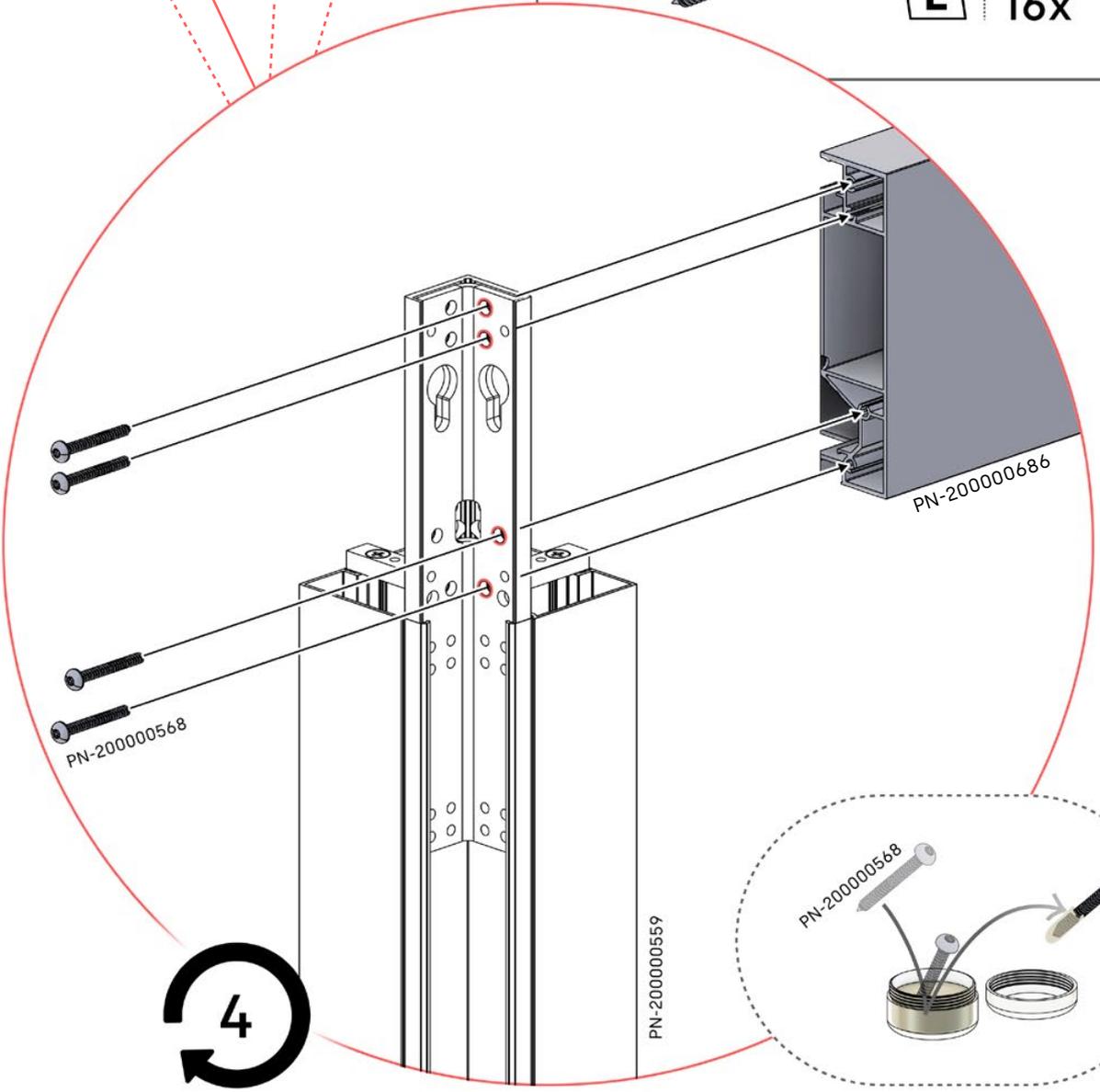
5.5x50
7/32" x 2"

PN-200000568

E 16x

PN-200000686

PN-200000568

PN-200000559

PN-200000568

4

6

PERGOLUX ③

ANTHRACITE: **B119**
WHITE: **B131**
BLACK: **B143**

PN-200000707

2x

5.5x50
7/32" x 2"

PN-200000568

E | **16x**

PN-200000568

④

7
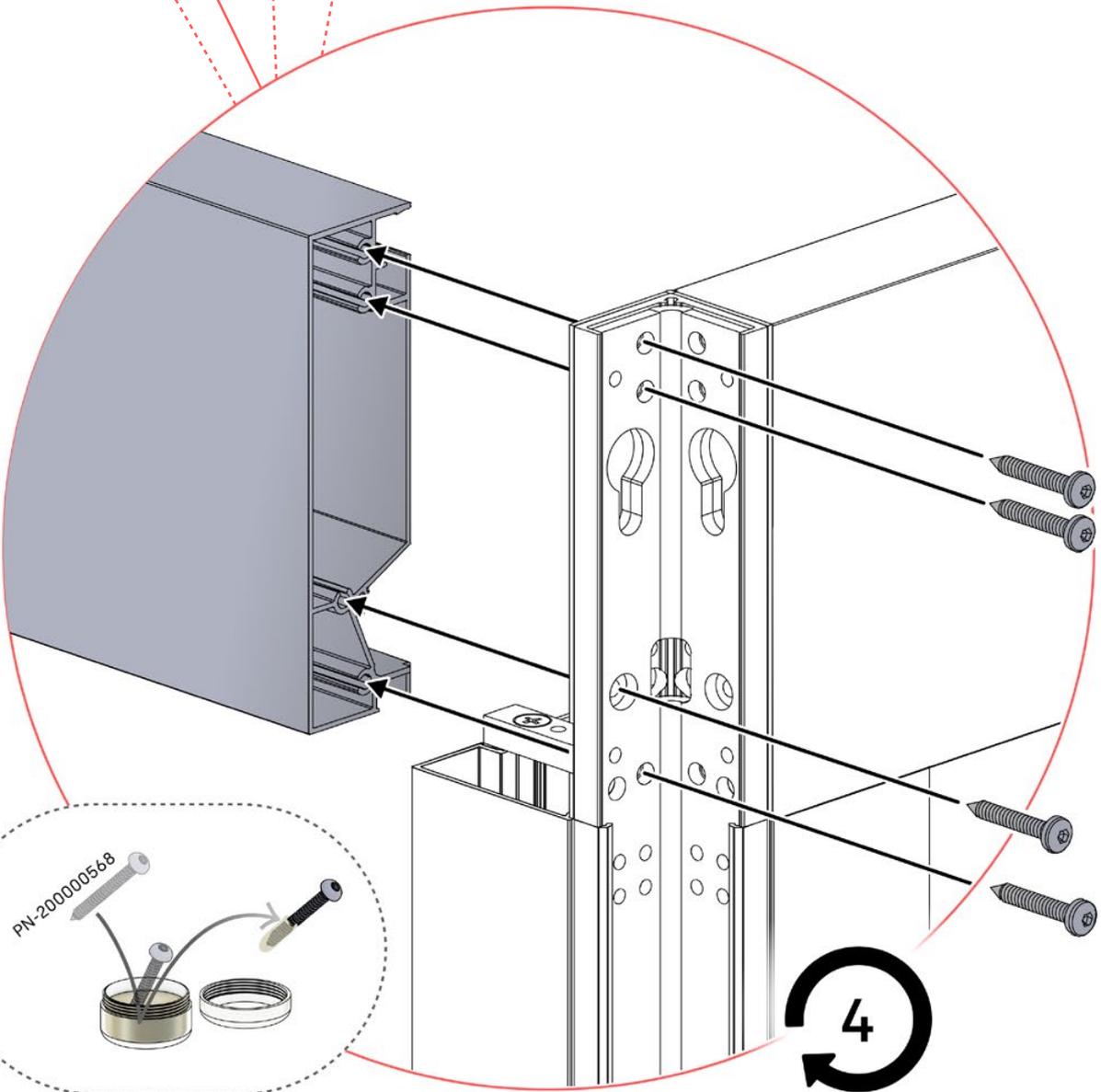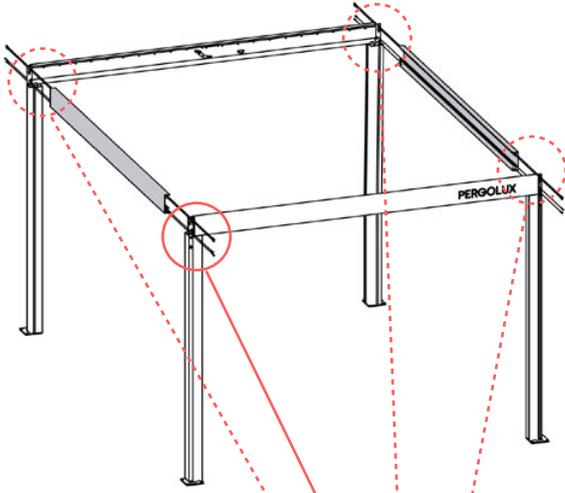
PERGOLUX   (2)

ANTHRACITE: **B115**
WHITE: **B127**
BLACK: **B139**

6x20
1/4" x 3/4"

PN-200000658

J | **16x**

PN-200000658

(4)

8

PN-200000653

M 4x

PN-200000653

PN-200000653

1

2

4

9

PN-200000688
2x

PN-200000654
2x

4

10

PN-200001861

TAPE 8x

PN-200001861

PN-200001861

4
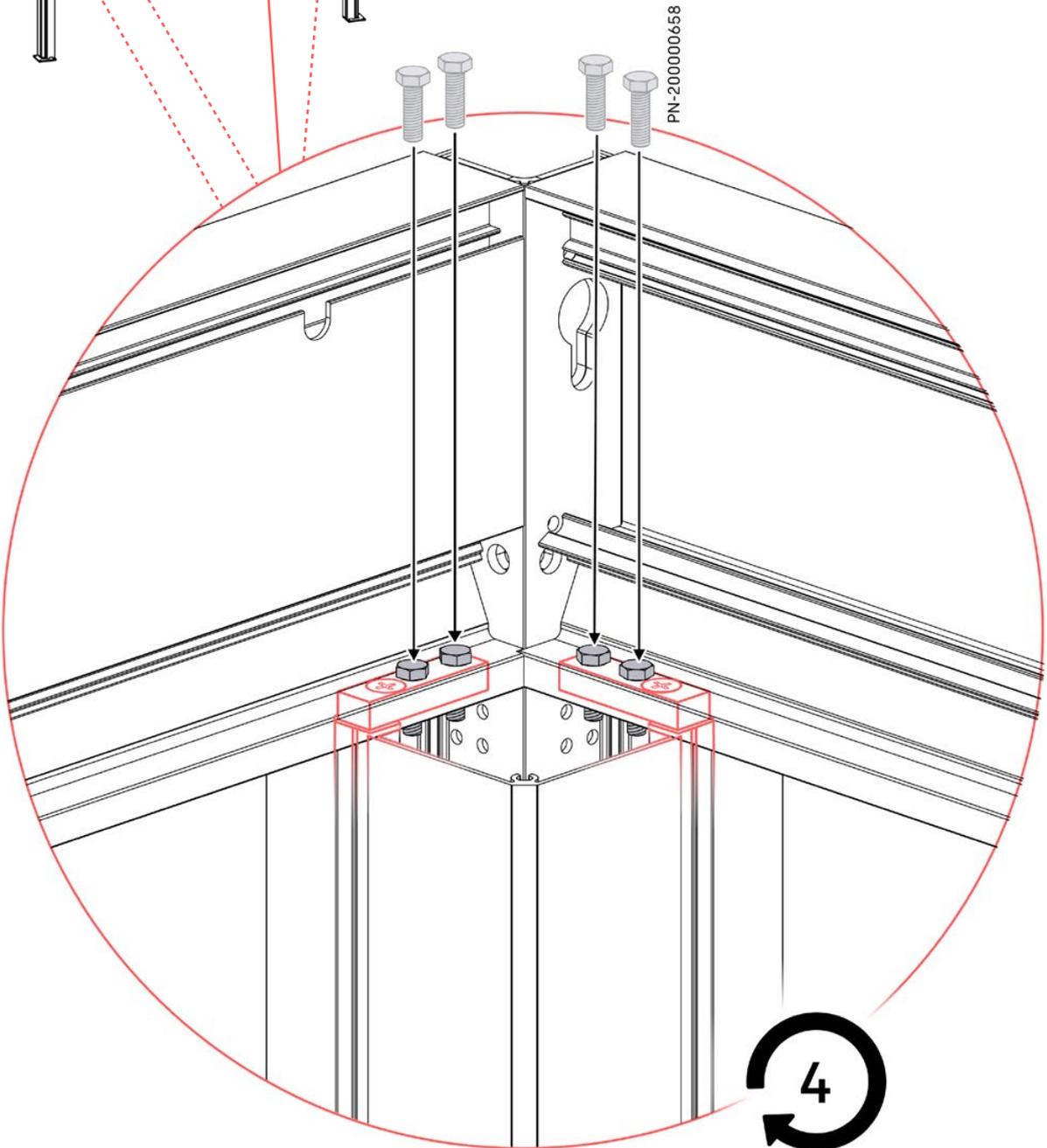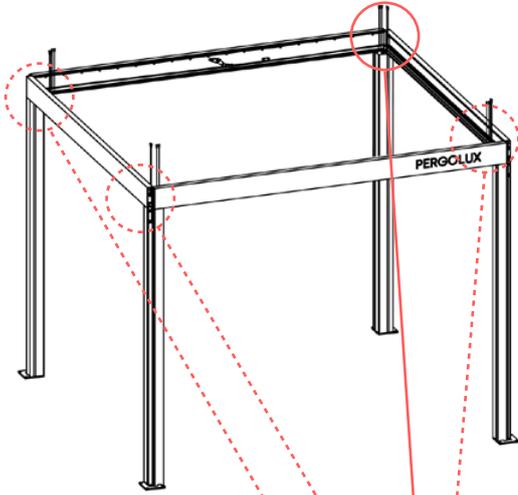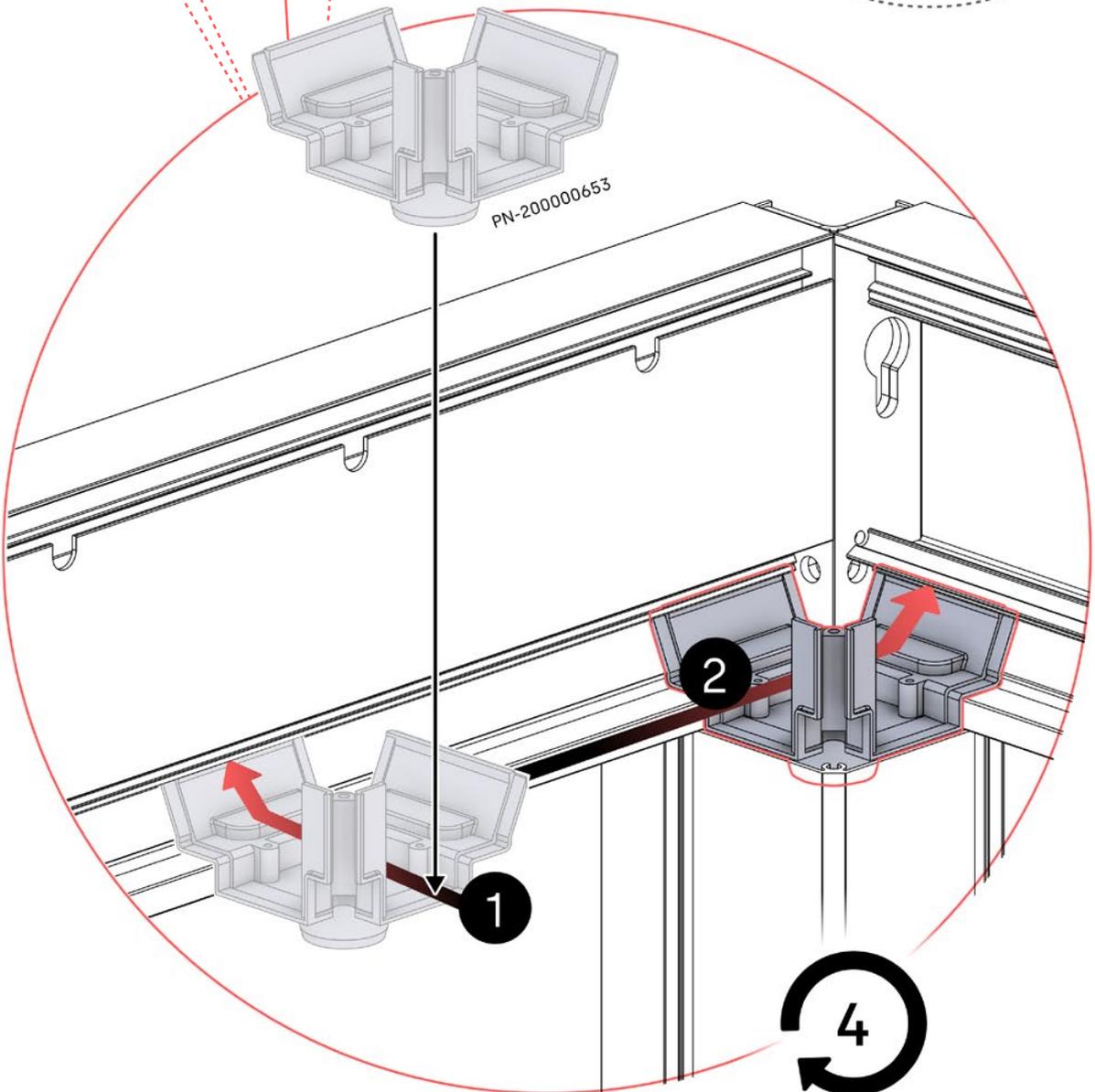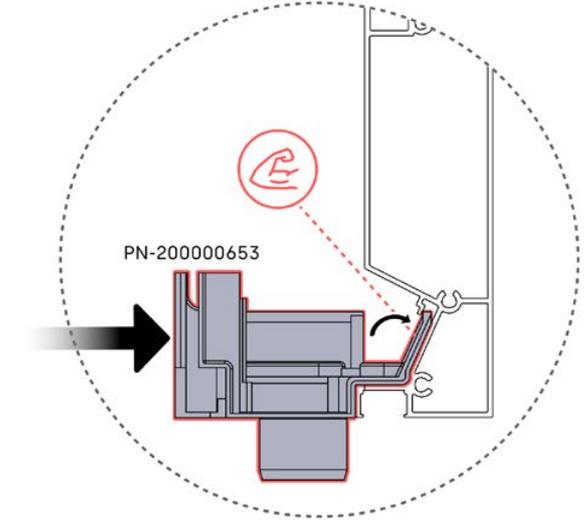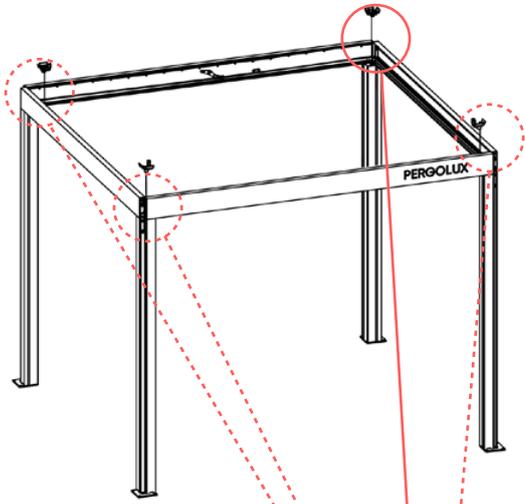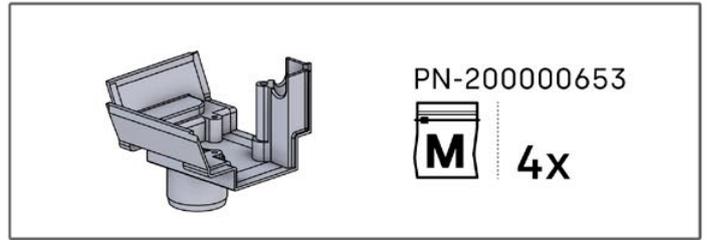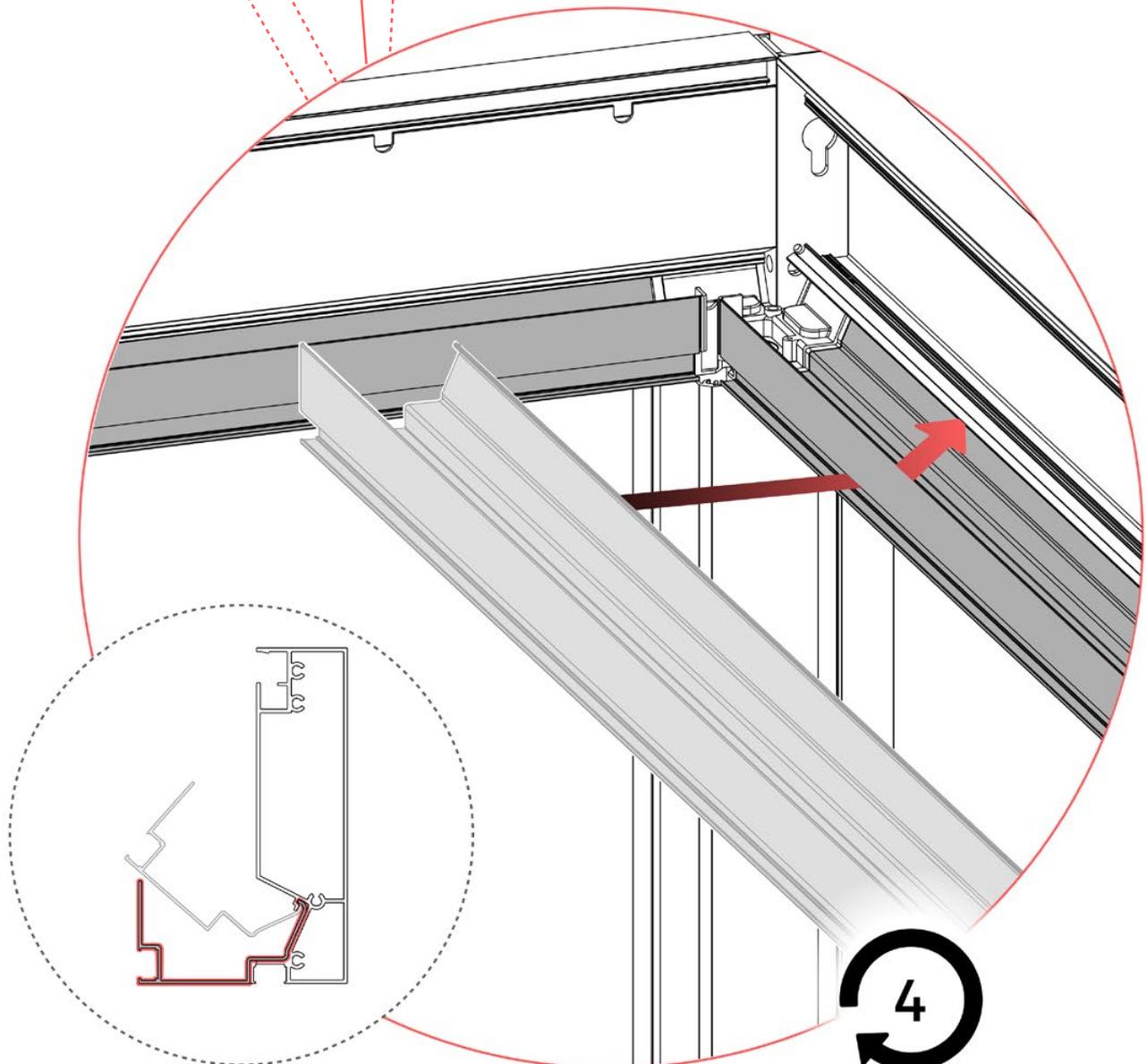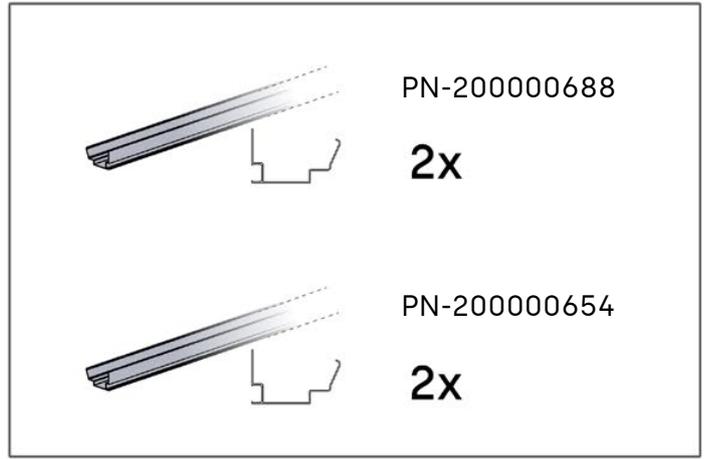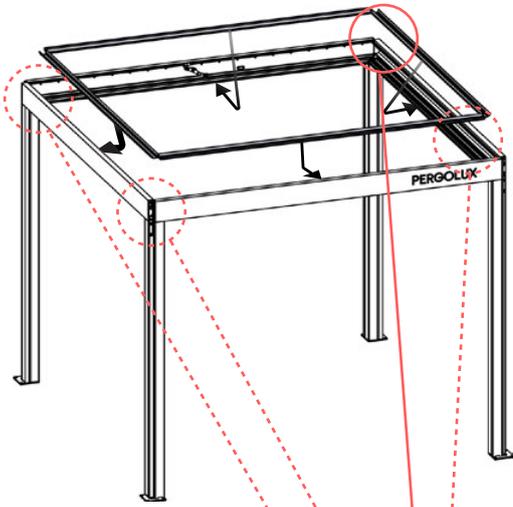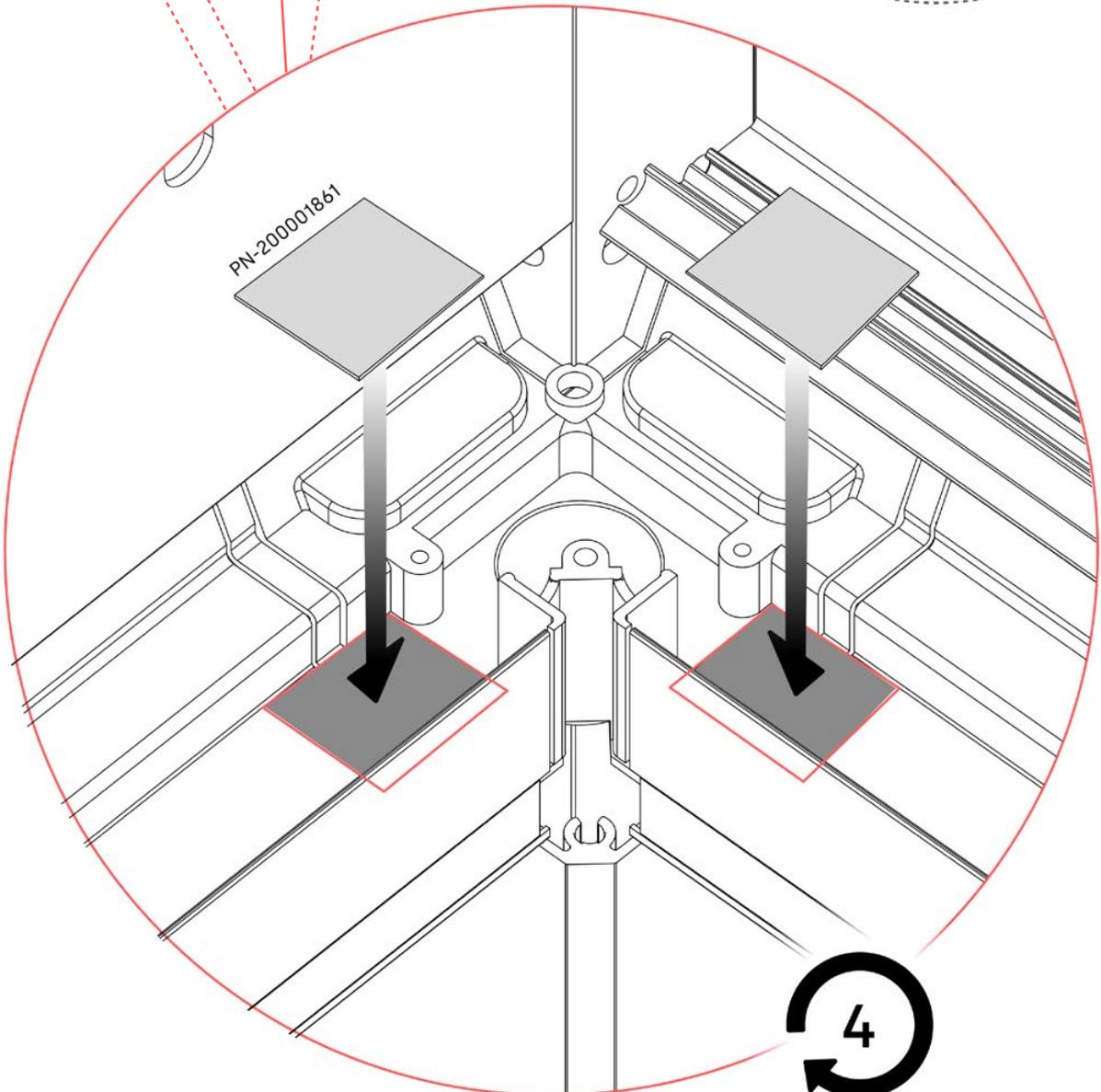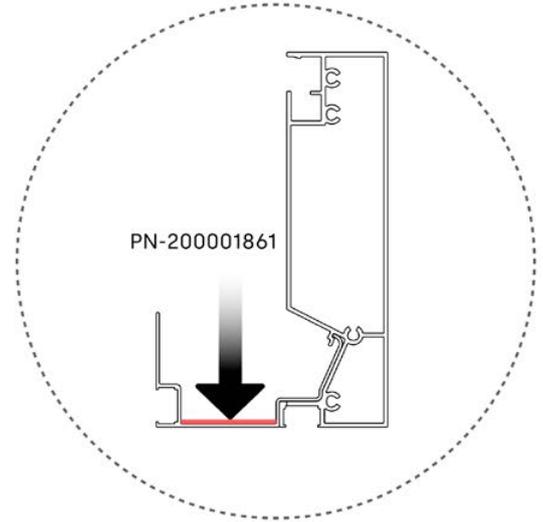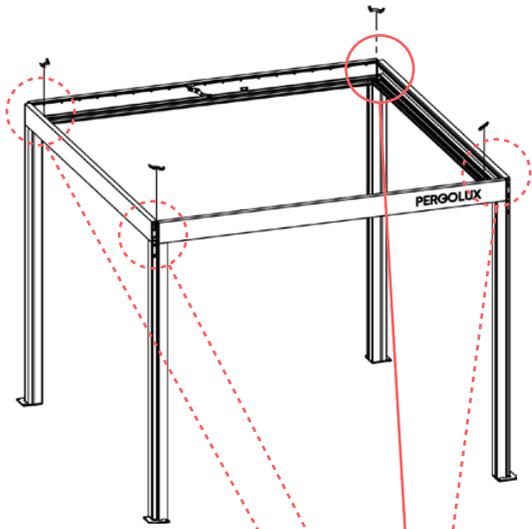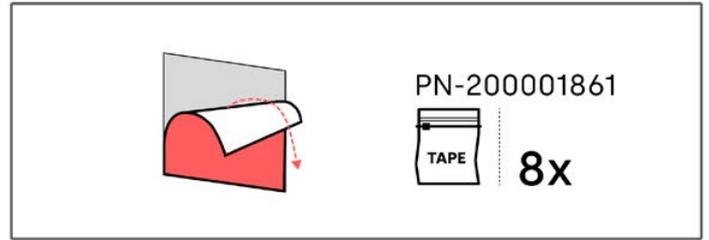
11
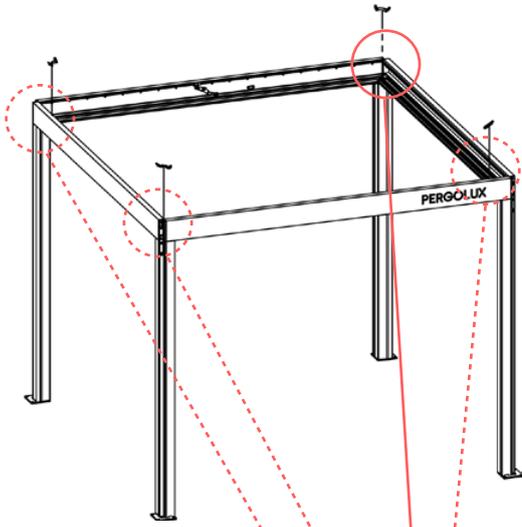
PN-200000650

L | 4x

3.5x12
9/64" x 1/2"

PN-200000660

M | 8x

PN-200000650

PERGOLUX

4
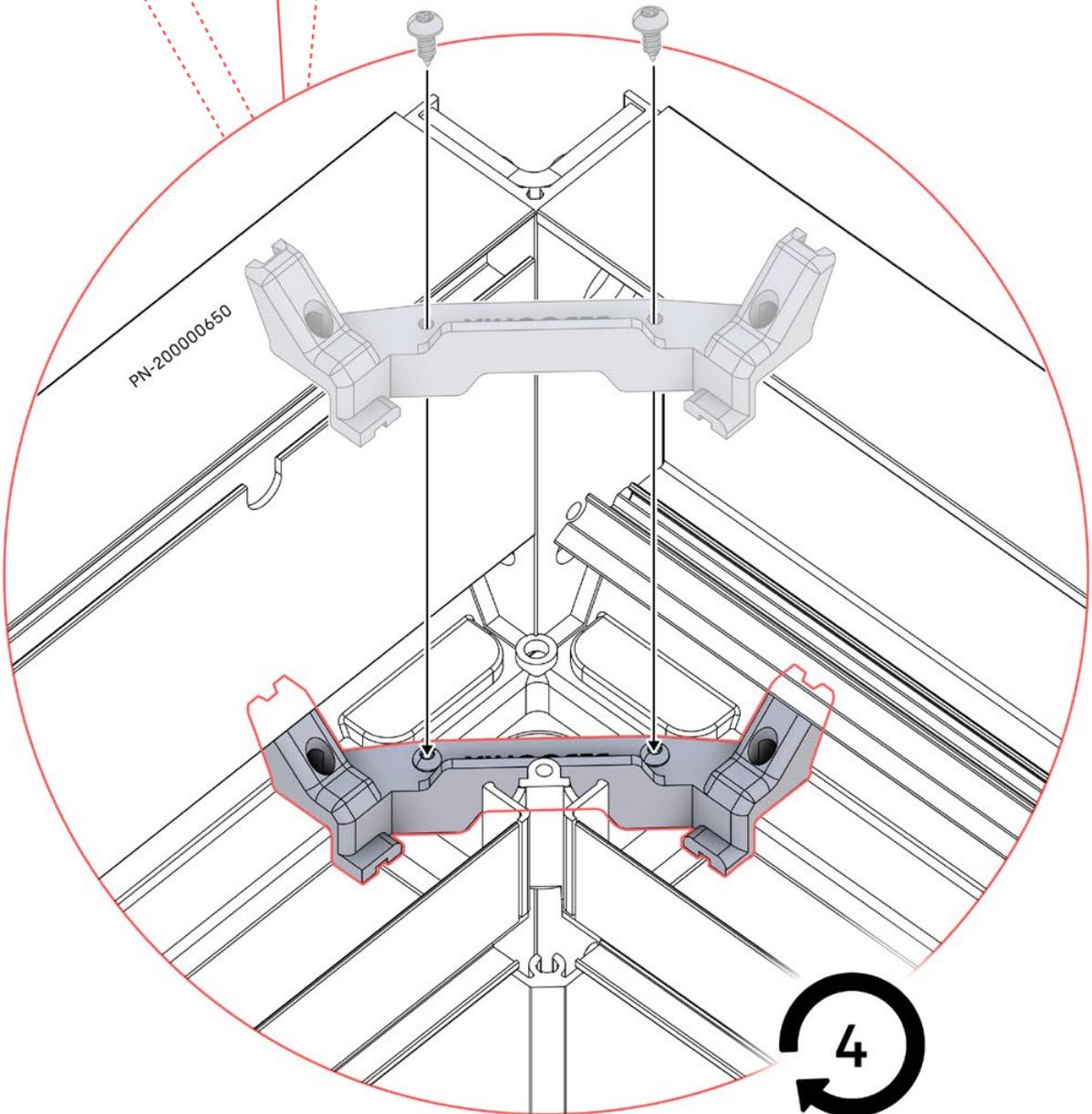
I N F O R M A T I O N

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:

PERGOLUX LED Light S2
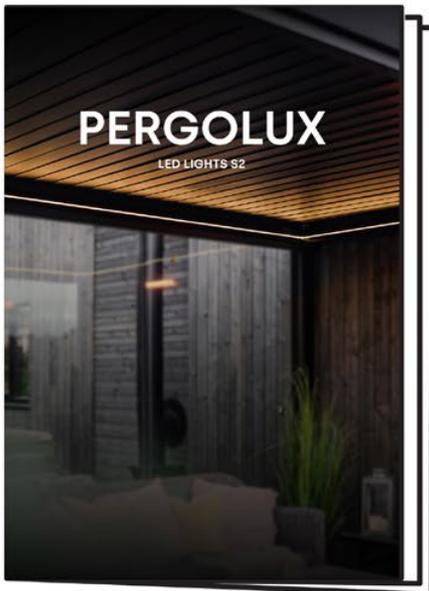
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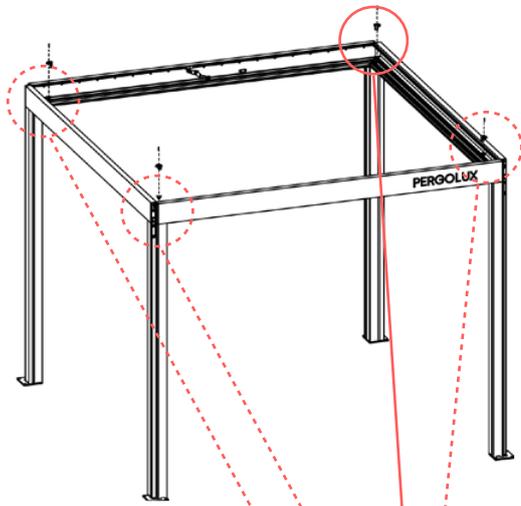
PN-200000652
4x

5.5x70
7/32" x 2-3/4"
PN-200000958
4x

PN-200000958

PN-200000652

4

13

Use enough
silicone and
press until the
silicone
comes out

PN-200000652

4

14

PERGOLUX (6)

MANUAL MOTOR

Manual motor
PN-200001563
1x

PN-200001623

1x
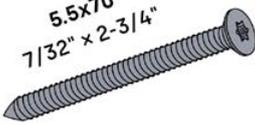
PN-200001623
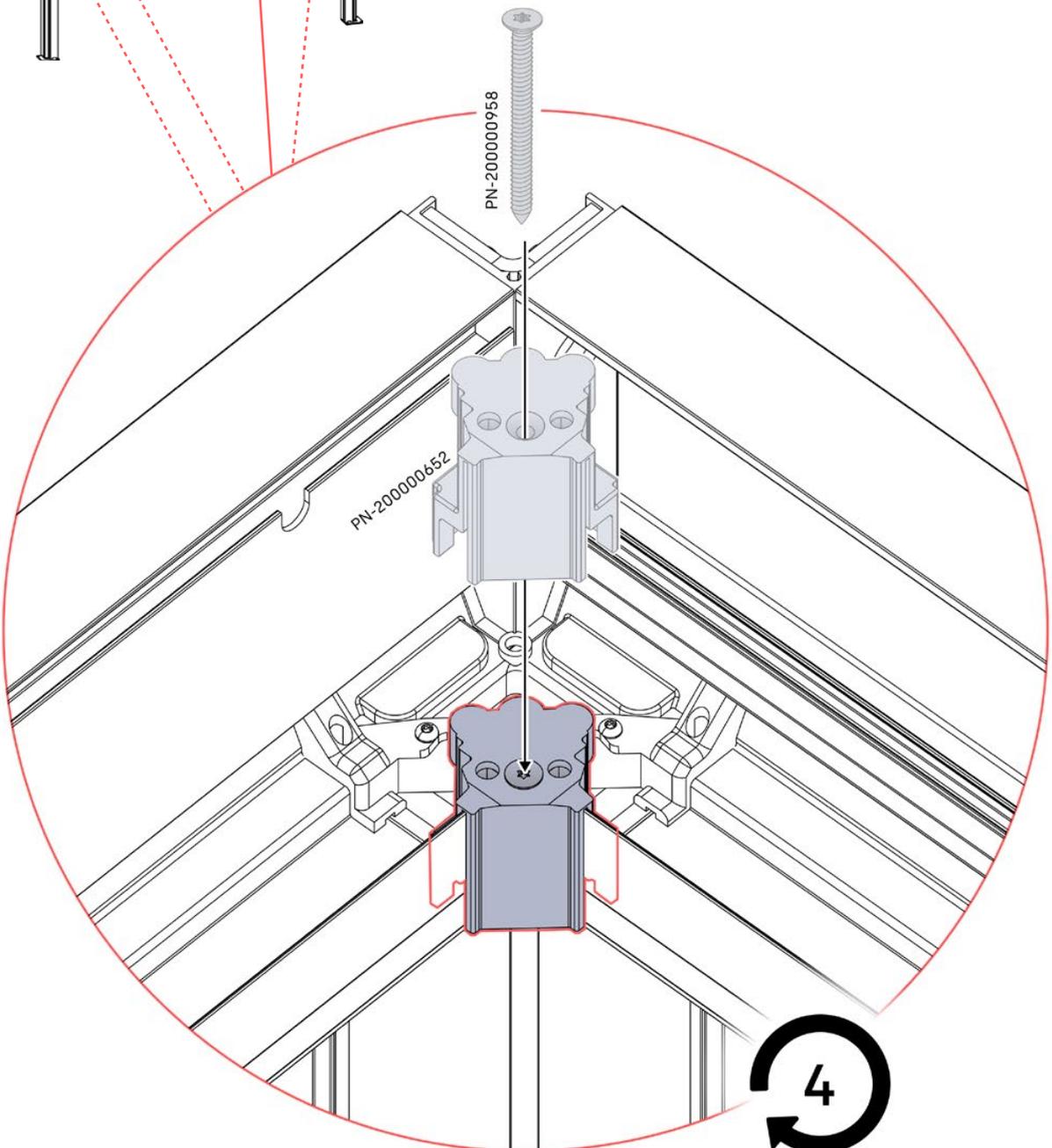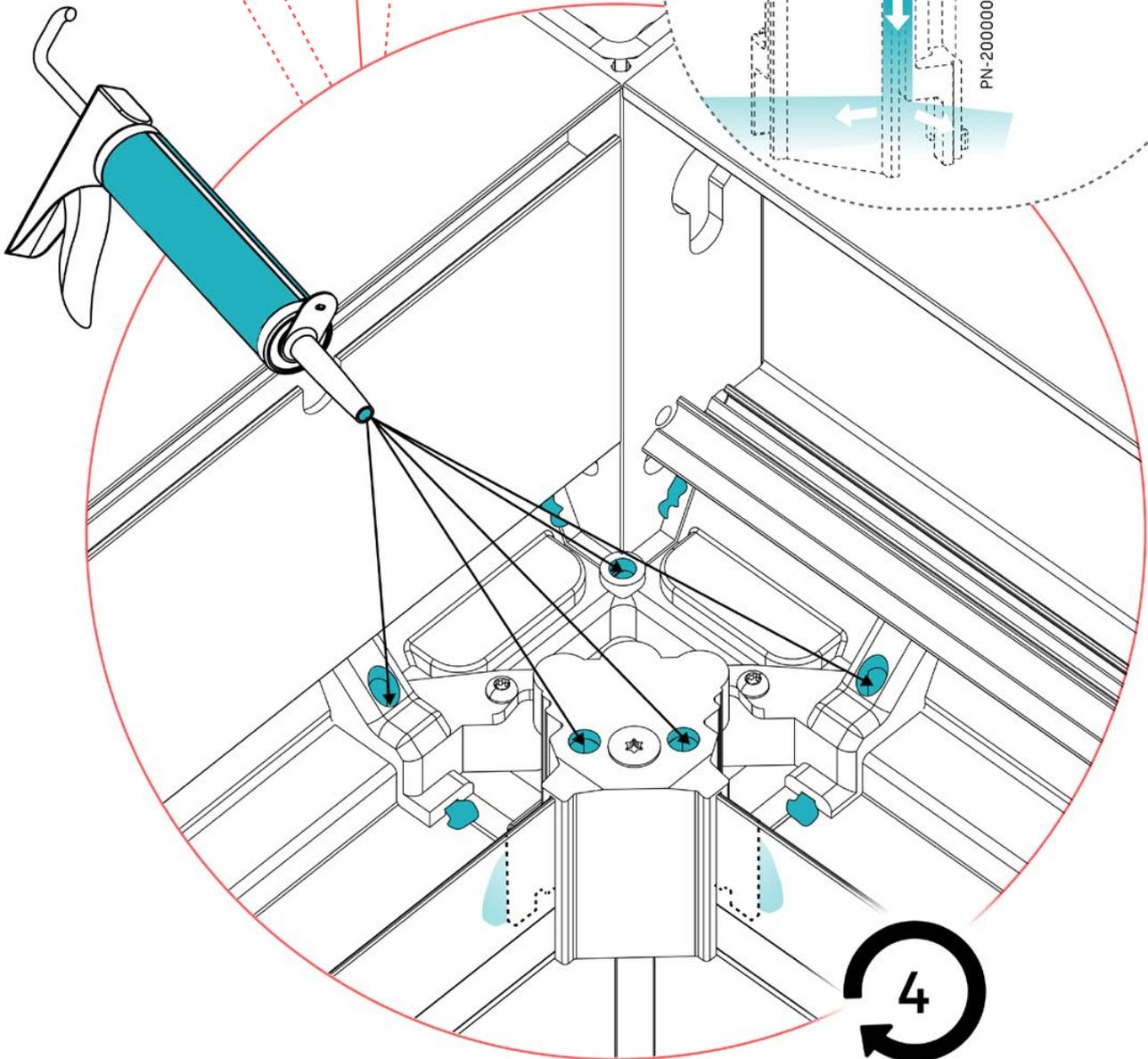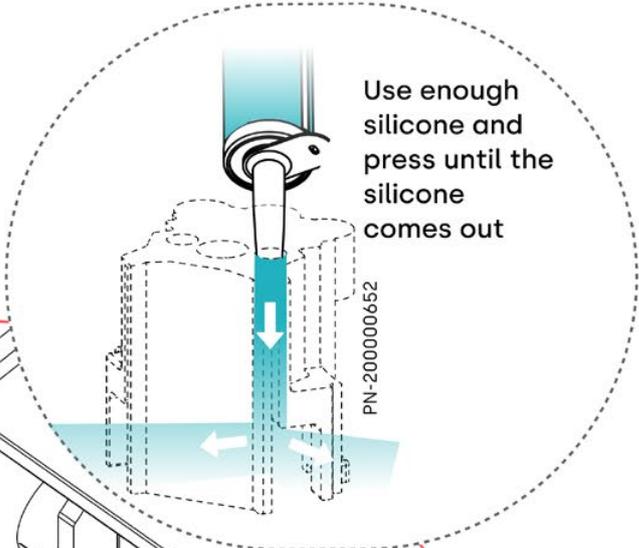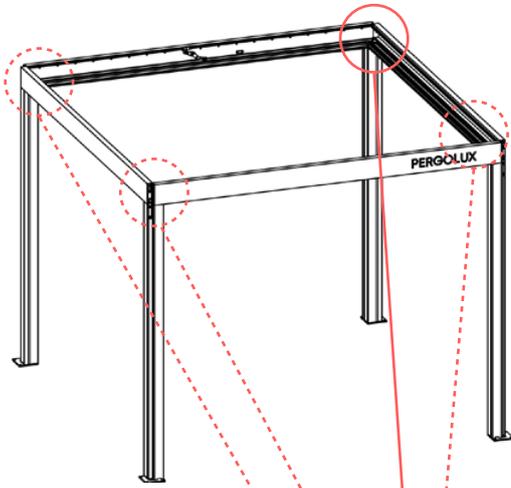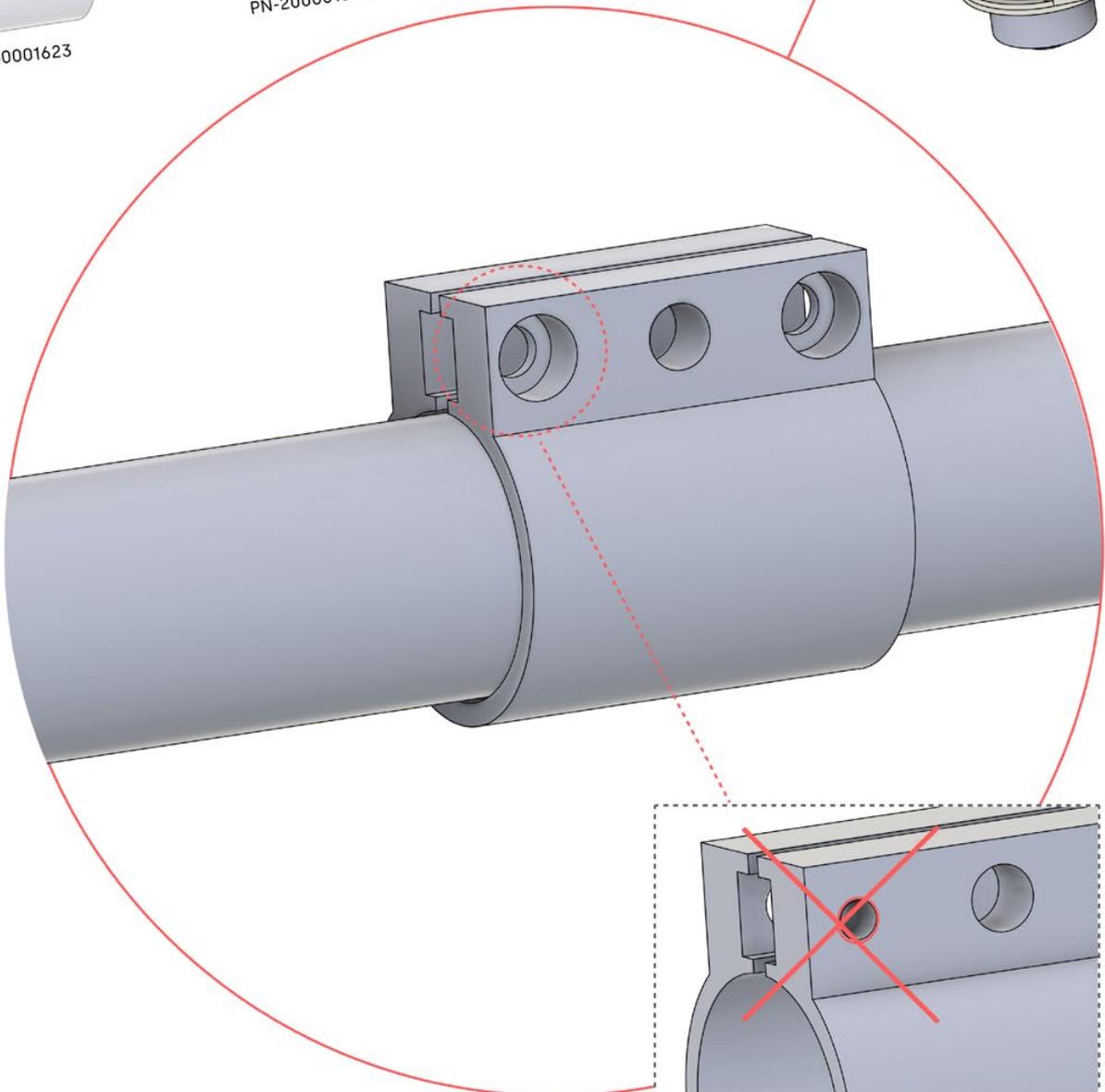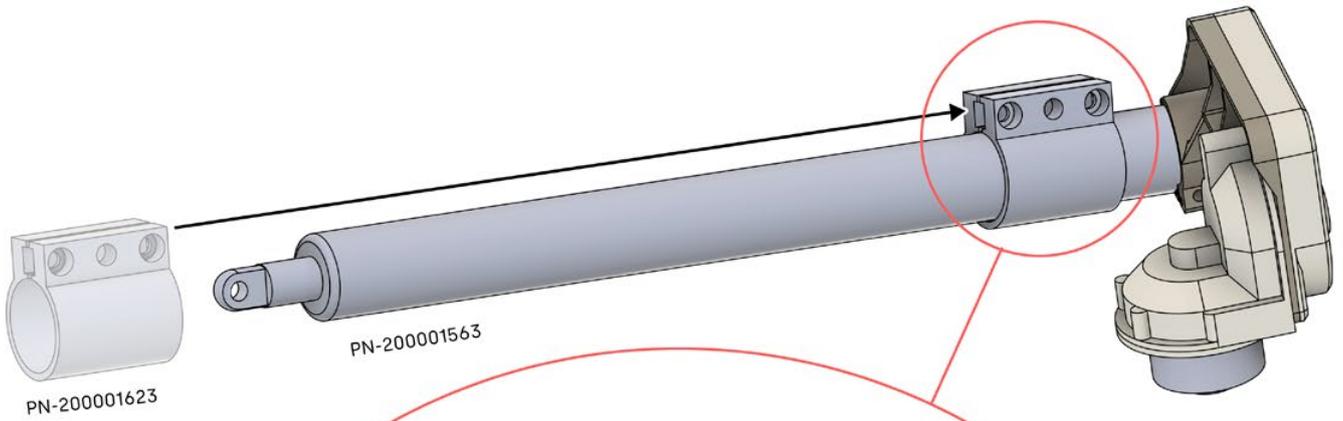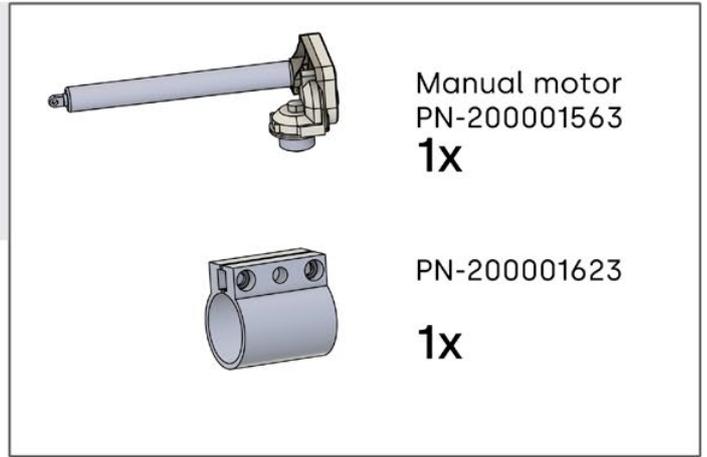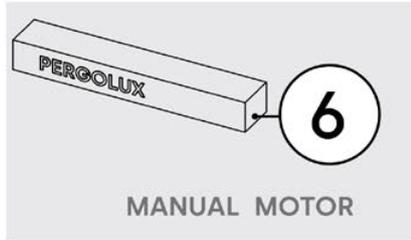
PN-200001563

15
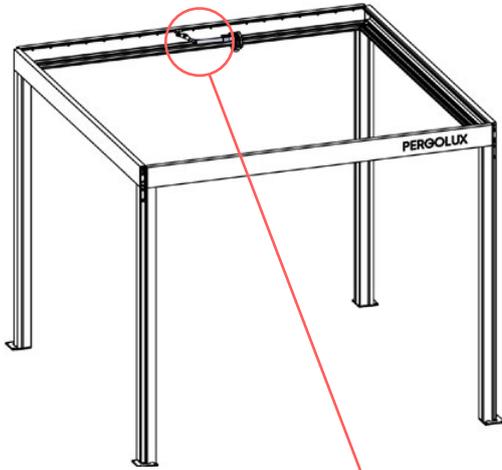
PN-200001623
PN-200001563
1x
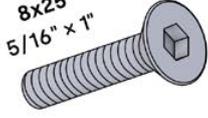
8x25
5/16" x 1"
PN-200001334
1x

PN-200000969
1x

PN-200001334

PN-200001563

PN-200000969

16

PN-200001625

2x

PN-200001624

1x

PN-200001563

PN-200001625
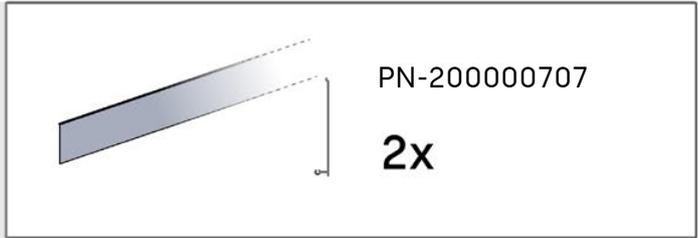
PN-200001624

PN-200001625
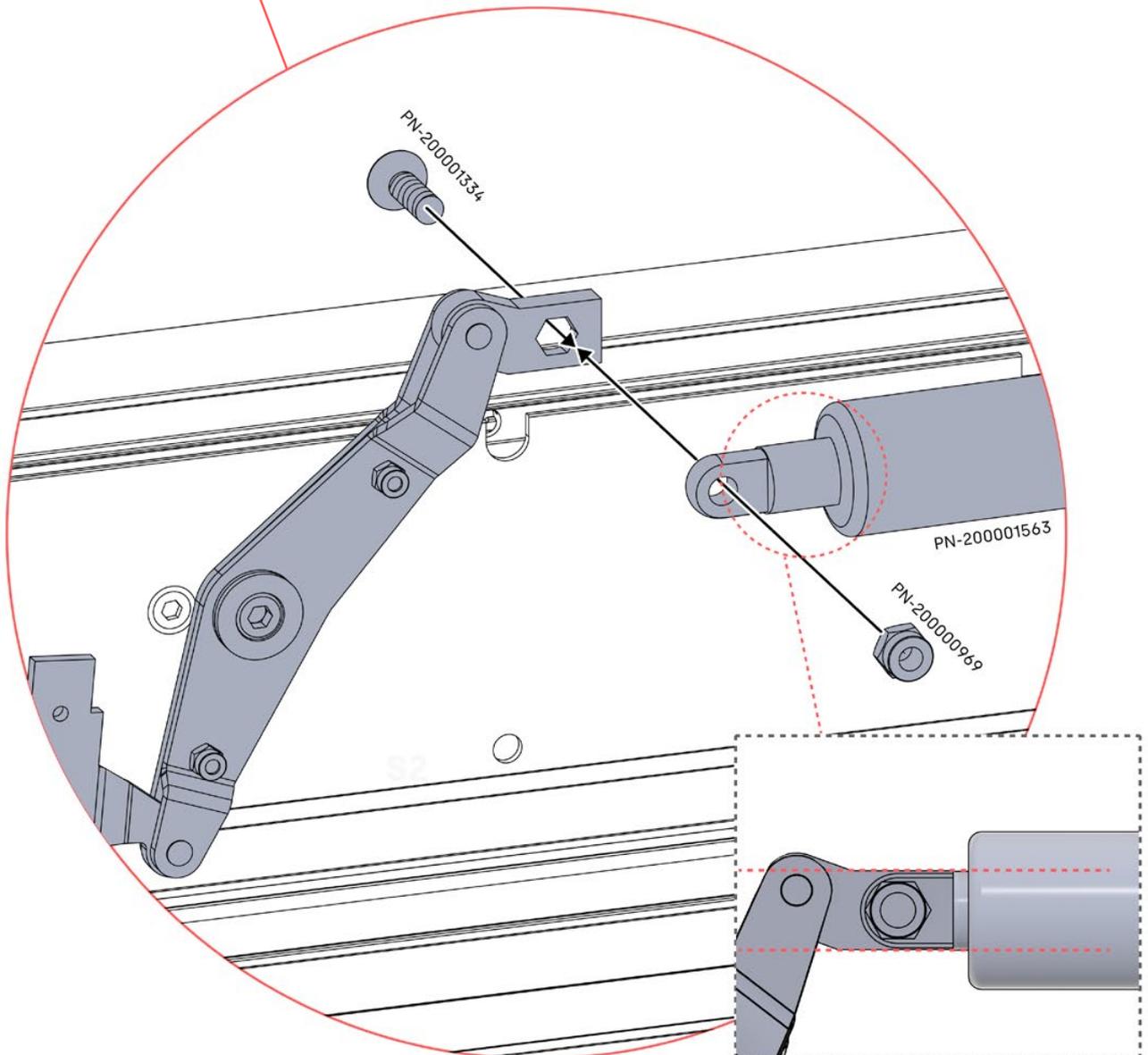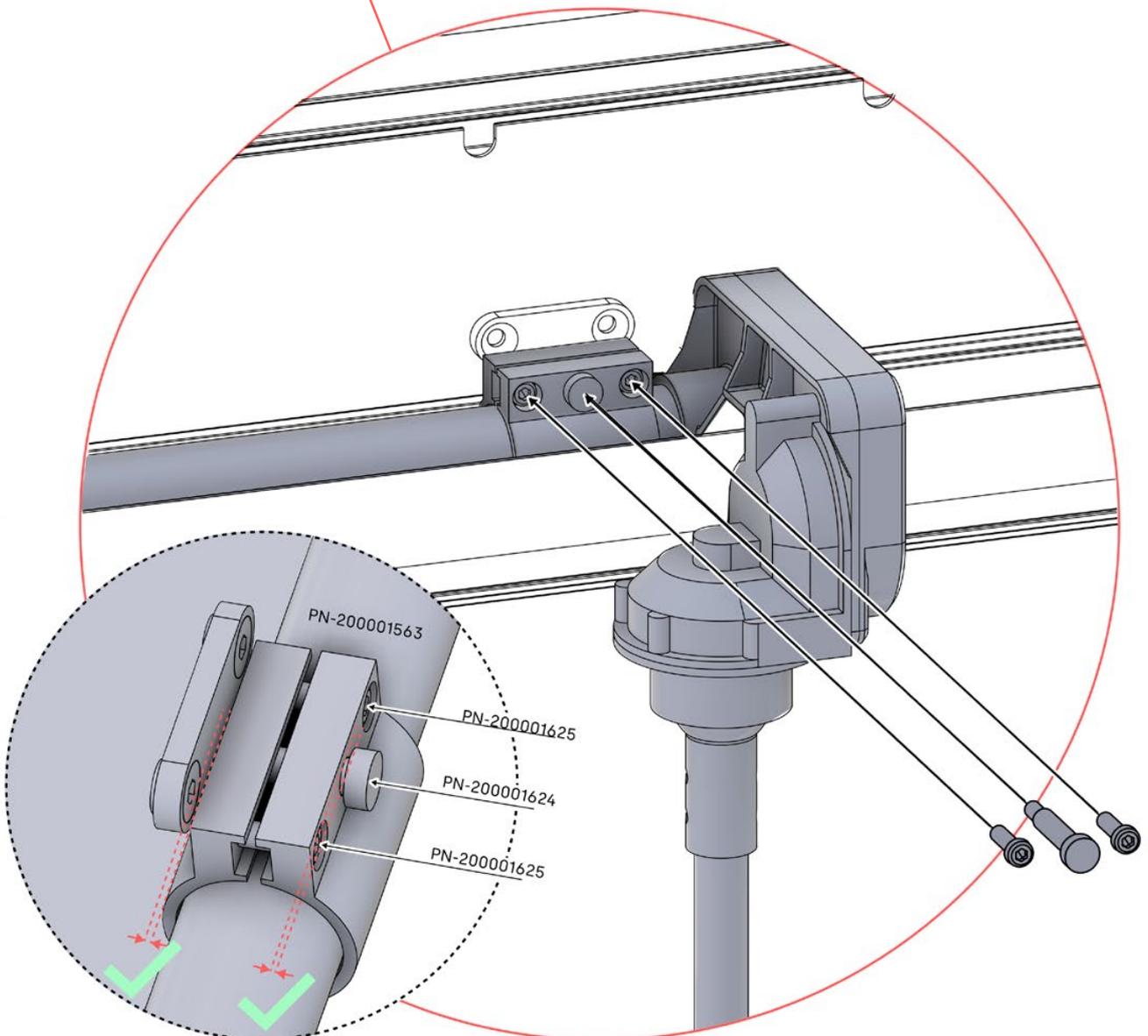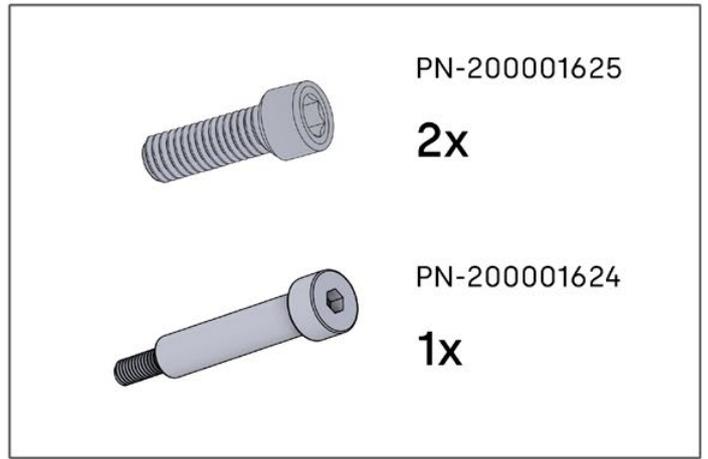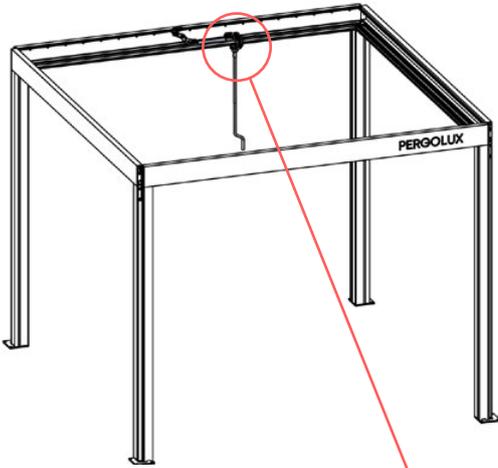
INPUTS AND OUTPUTS

> ❗ ** Only if you ordered LED lights to your pergola.
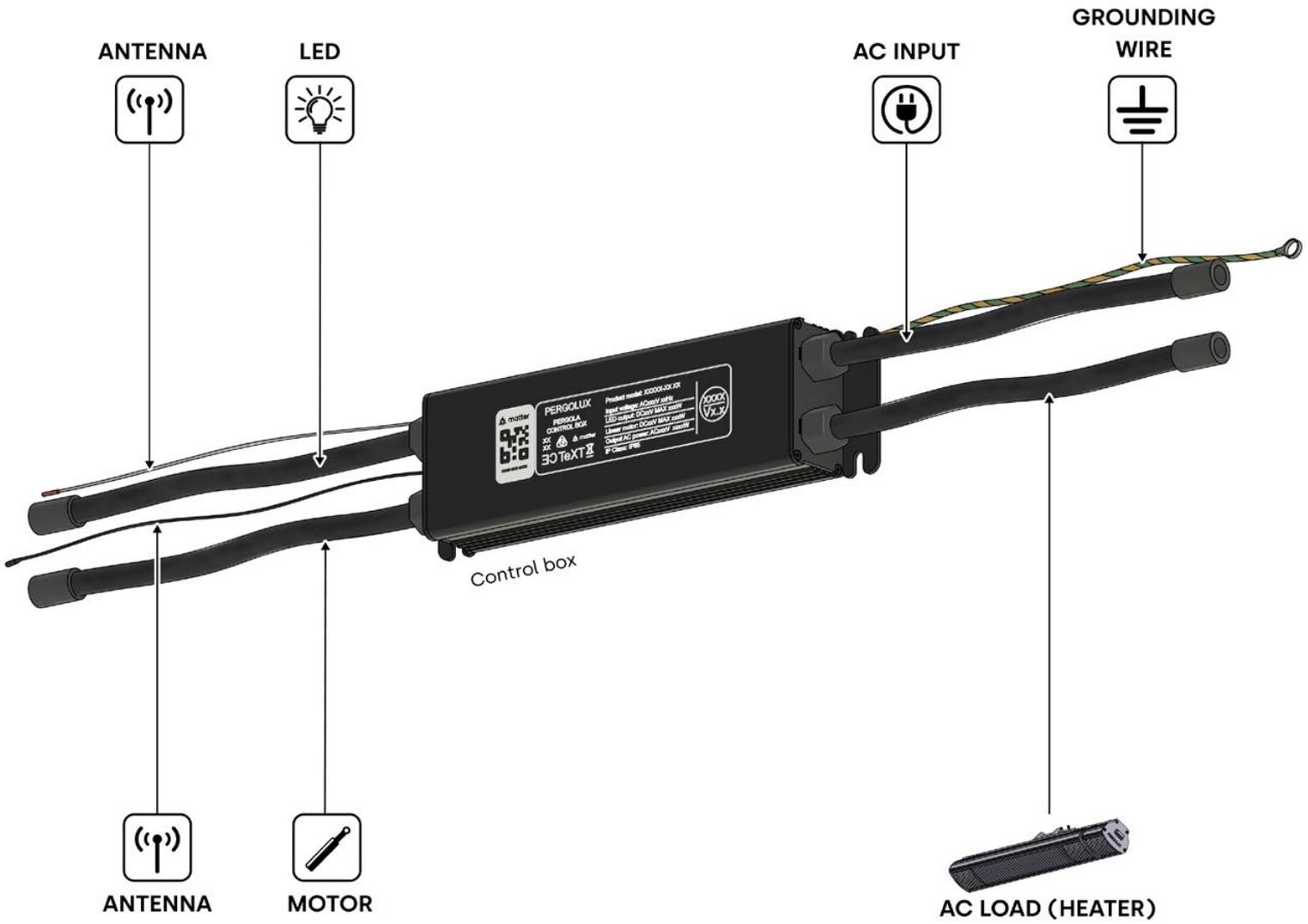
ANTENNA

LED

AC INPUT

GROUNDING WIRE

Control box

ANTENNA

MOTOR

AC LOAD (HEATER)

17

PERGOLUX ⑦

CONTROL BOX

Control box

1x

Cut a hole in the rubber gasket to make room for cables in the next steps.

ⓘ
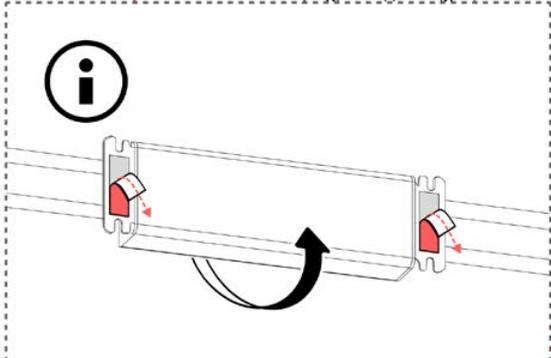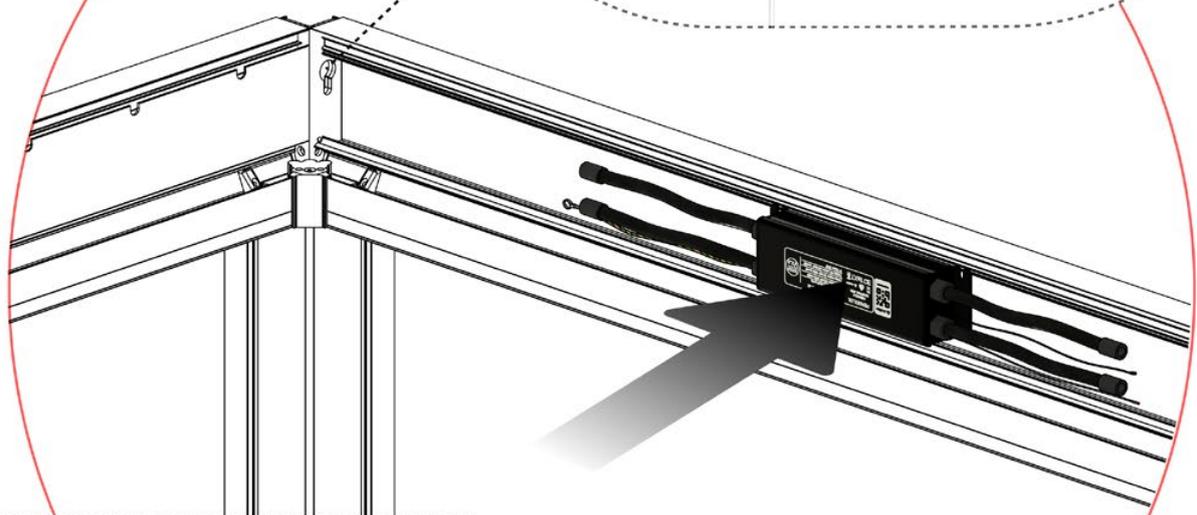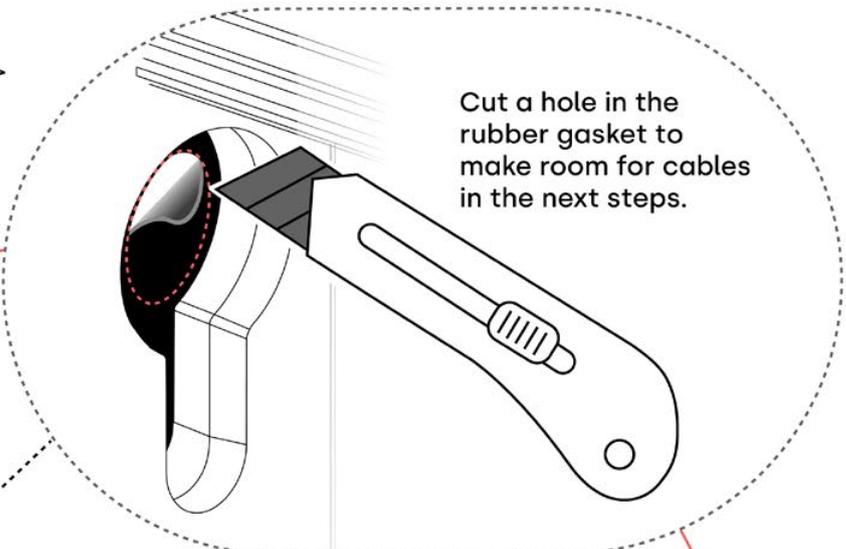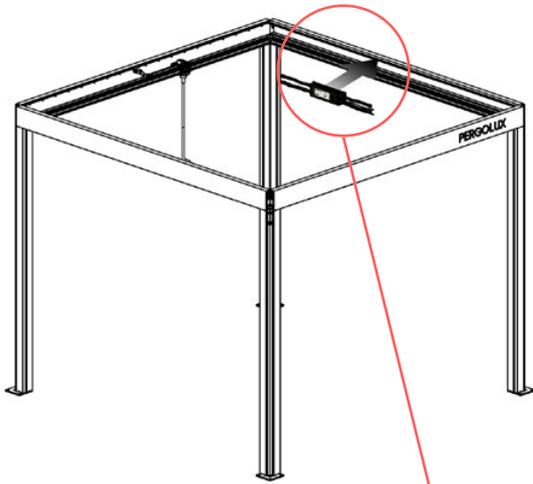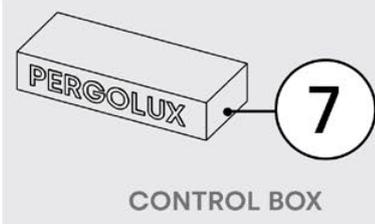
18
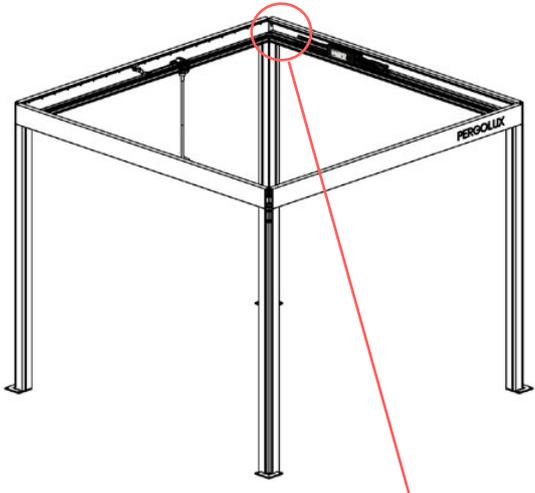
ⓘ Connect grounding wire before connecting to power!

GROUNDING

19

POWER CABLE

PERGOLUX — 8

Power cable

1x

Power cable

20

Power cable
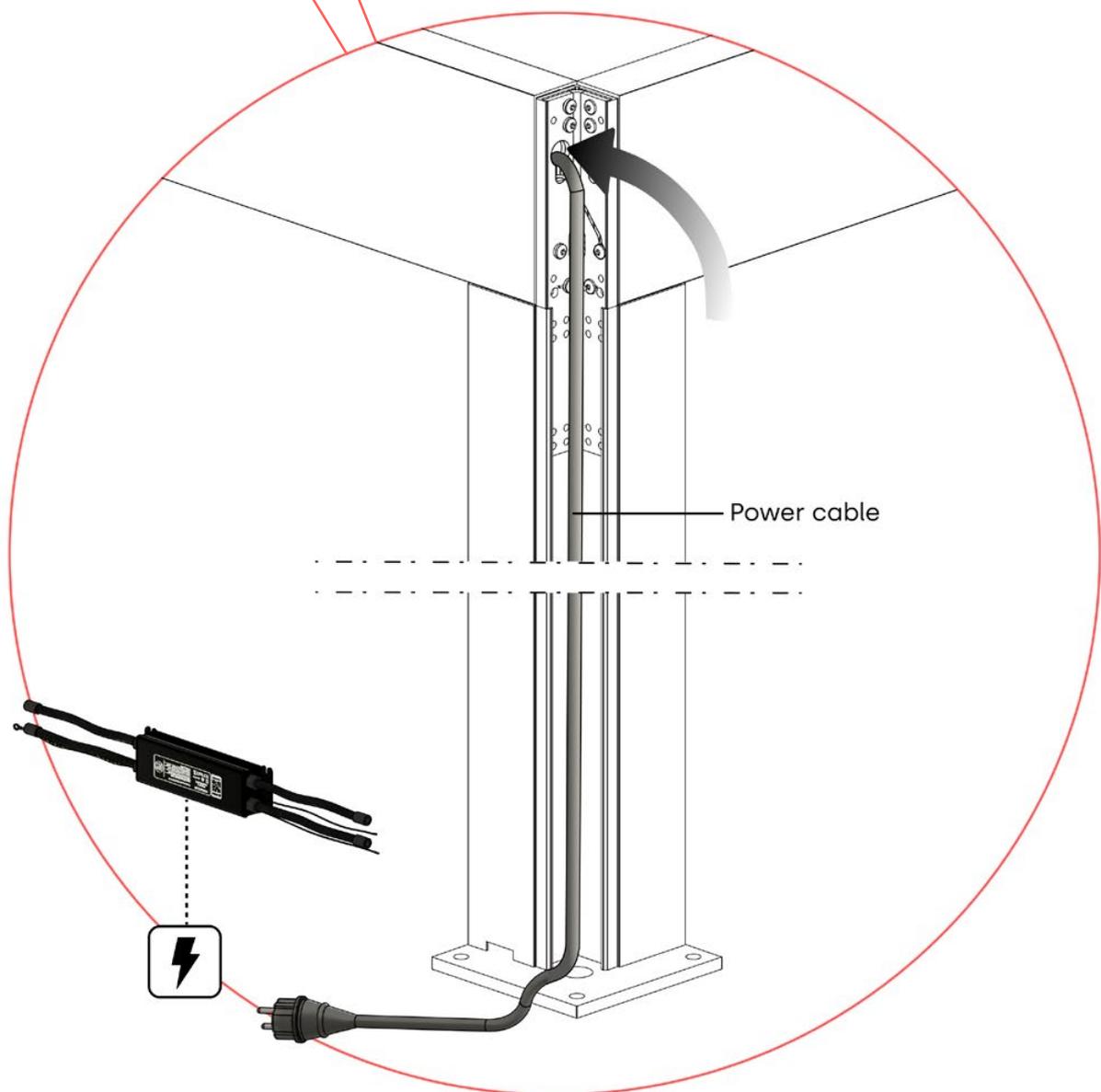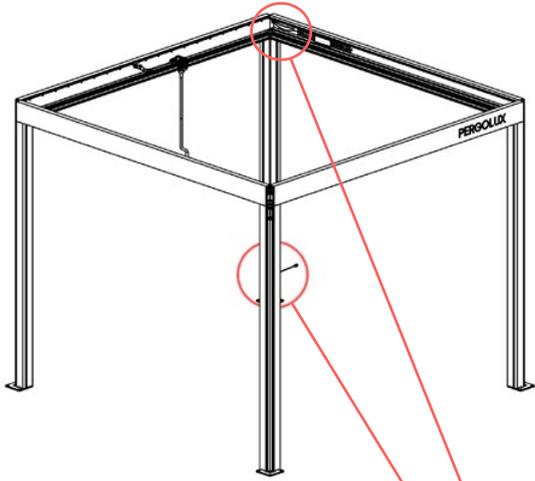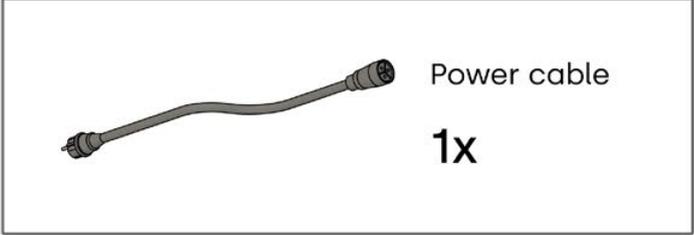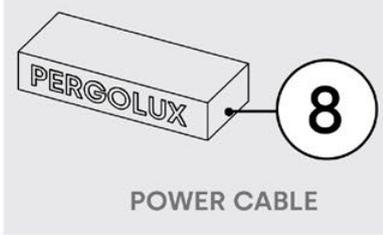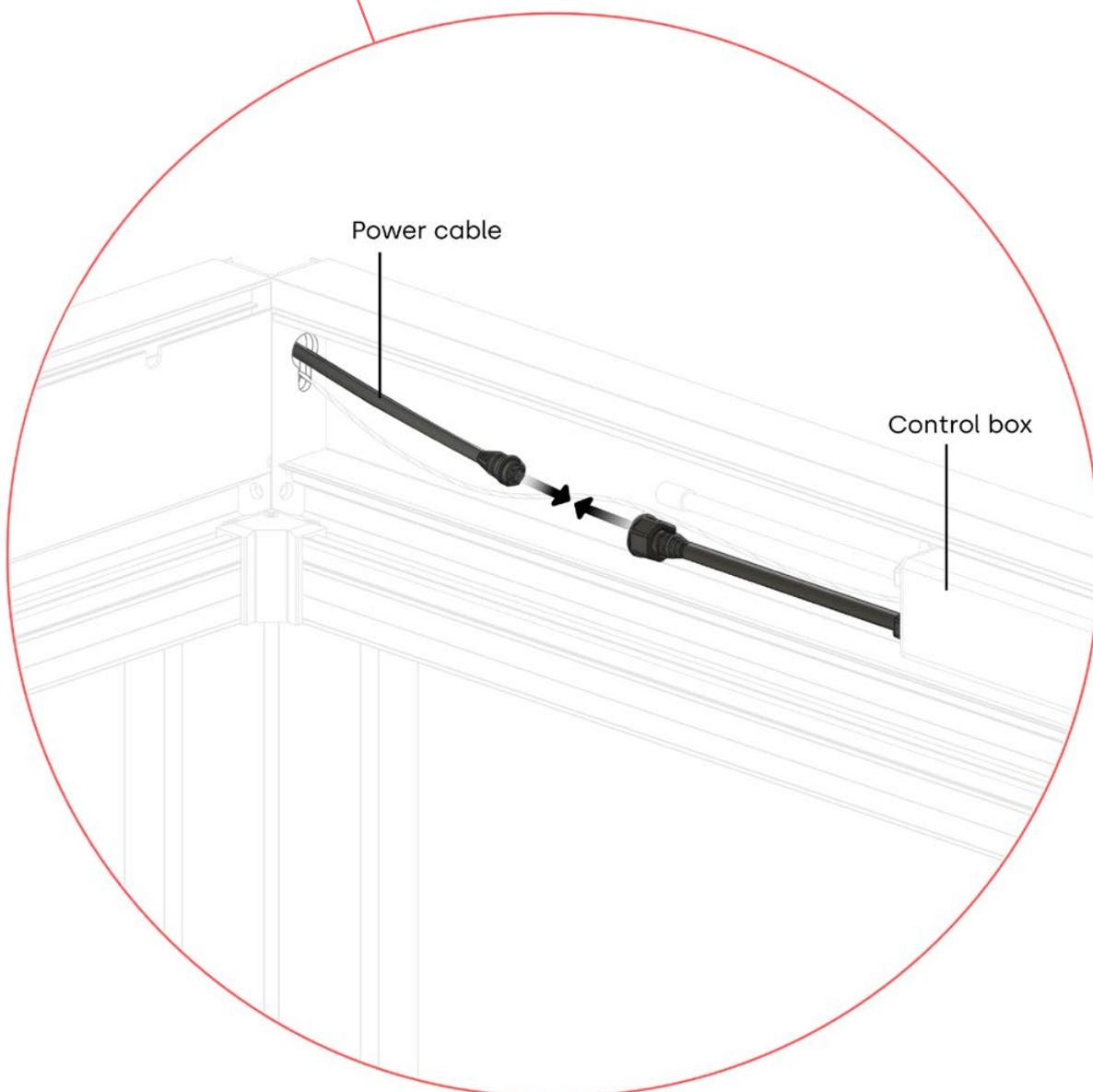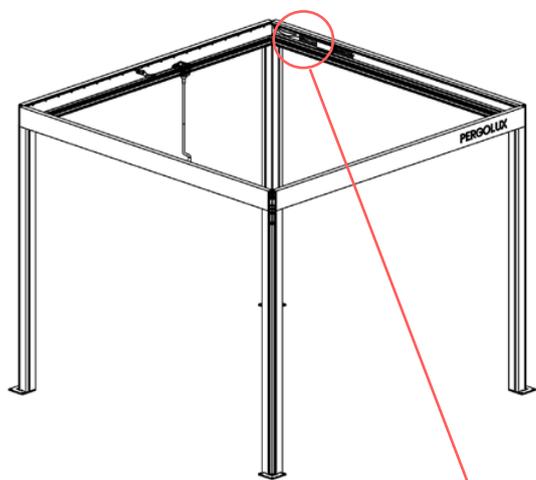
Control box

21

1

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

Follow the instructions in the heater assembly manual.

PERGOLUX
HEATER 1500W & 2000W 230 ~ 50Hz
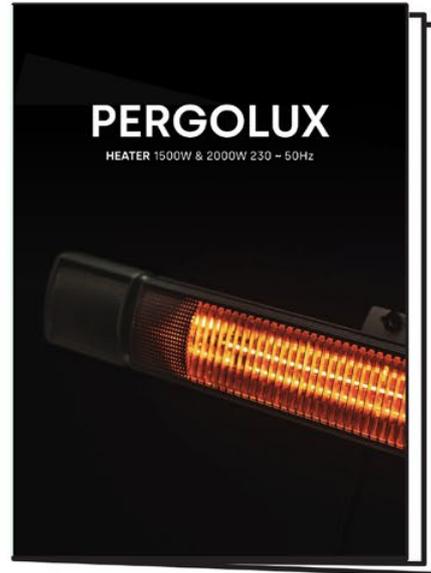
2

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

Follow the instruction in the assembly manual.

CONTROL BOX
USER MANUAL
S3

COMPATABILTY — matter
Apple Home   alexa   Google Home

PERGOLUX

22

CONTROL BOX (7)
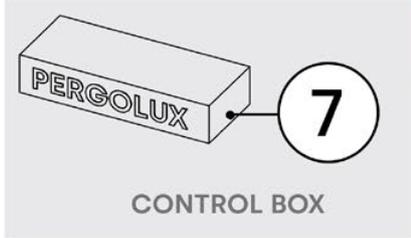
S3
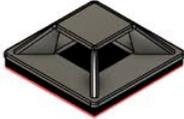
PN-200002683
5x

PN-200002684
10x

23

PERGOLUX

3	
ANTHRACITE:	**B119**
WHITE:	**B131**
BLACK:	**B143**

PN-200000707

2x

PN-200000707

PN-200000707

1

2

2
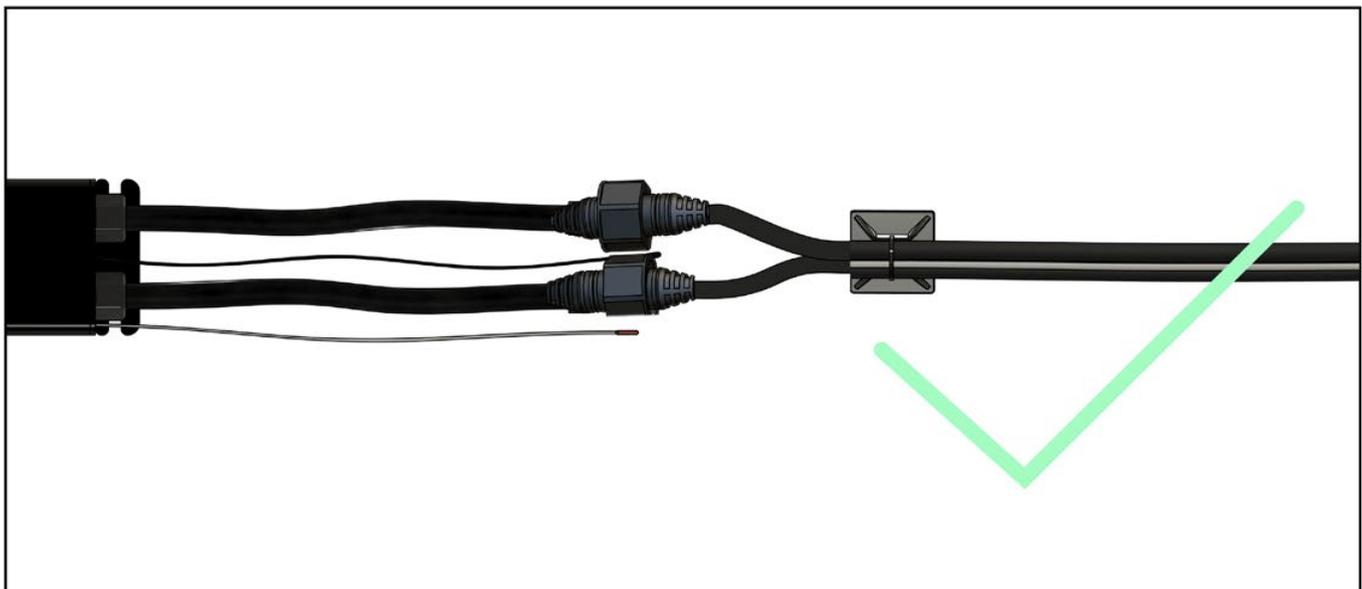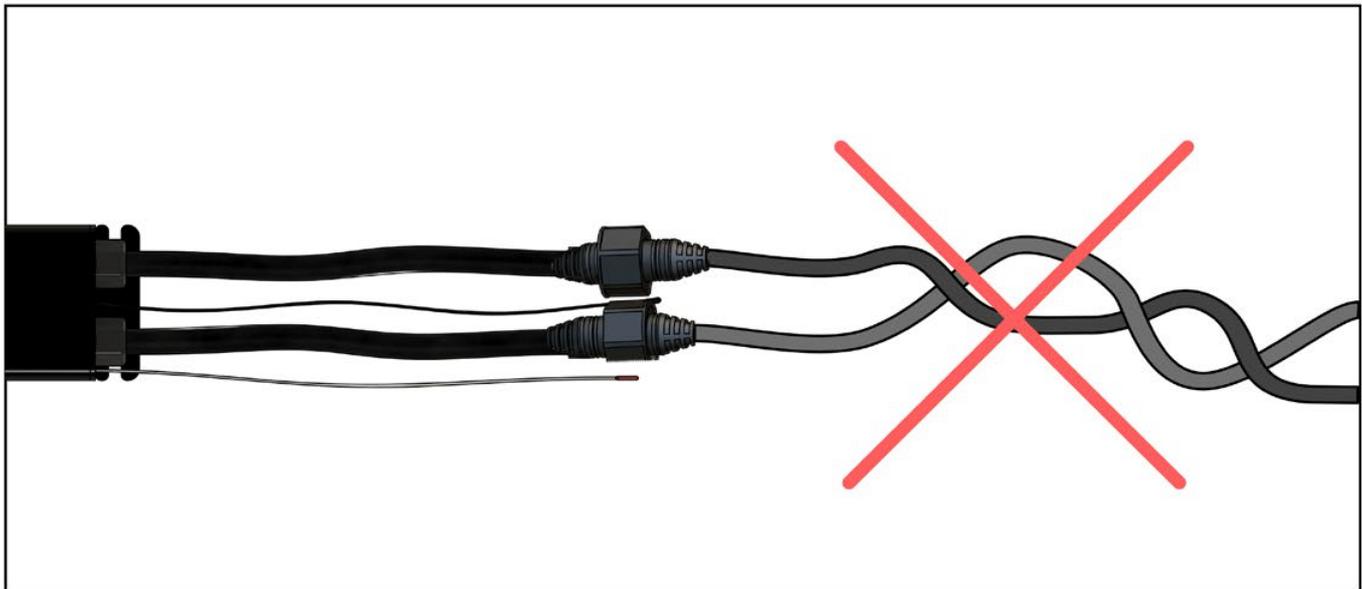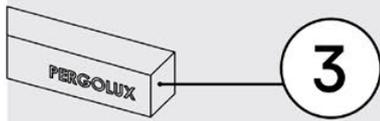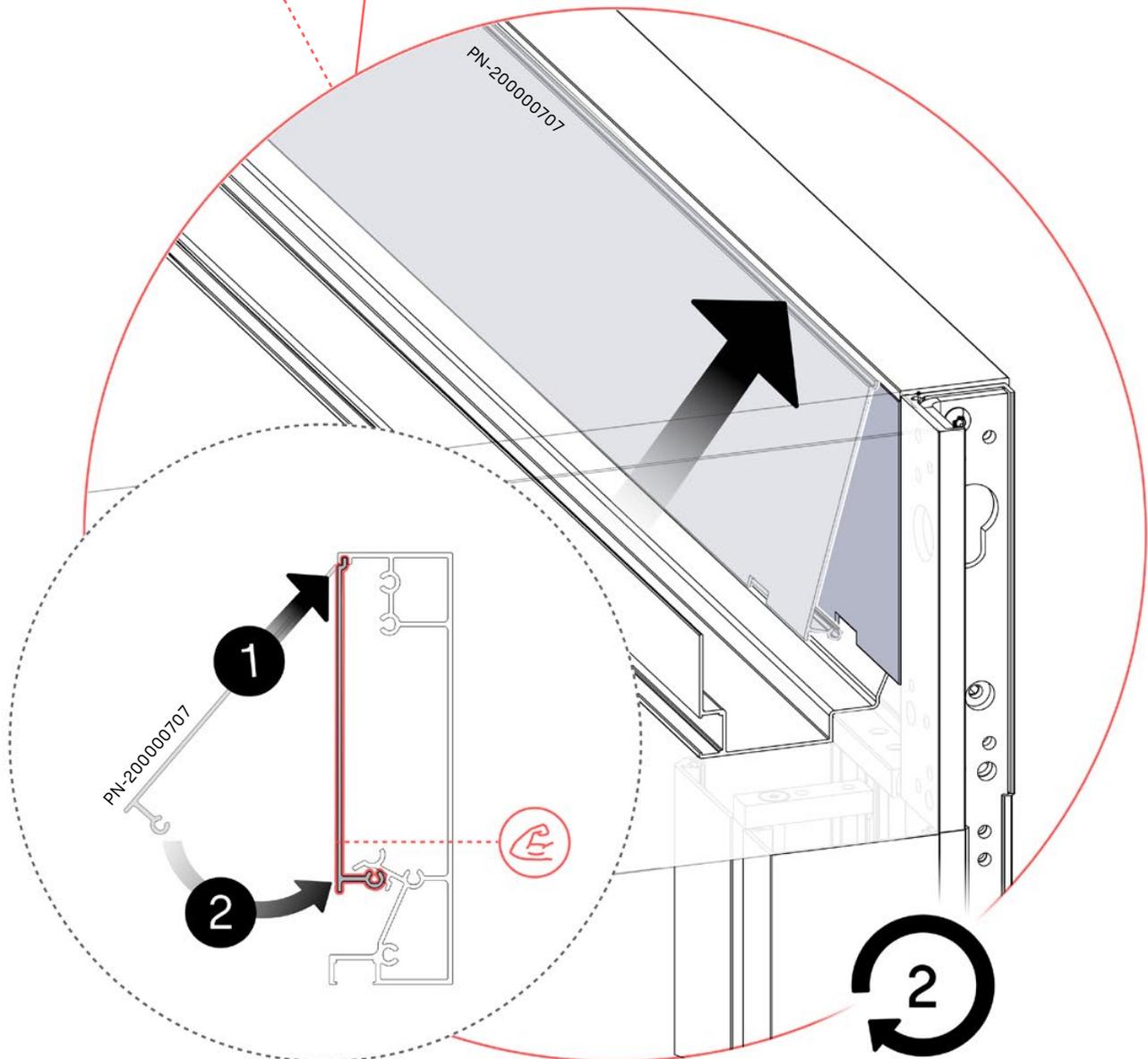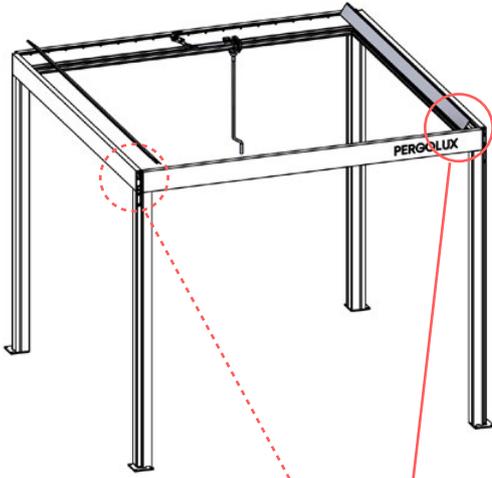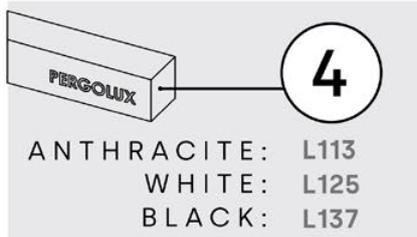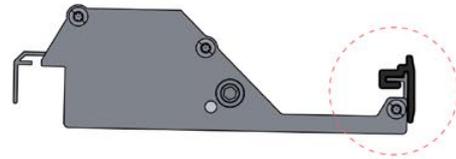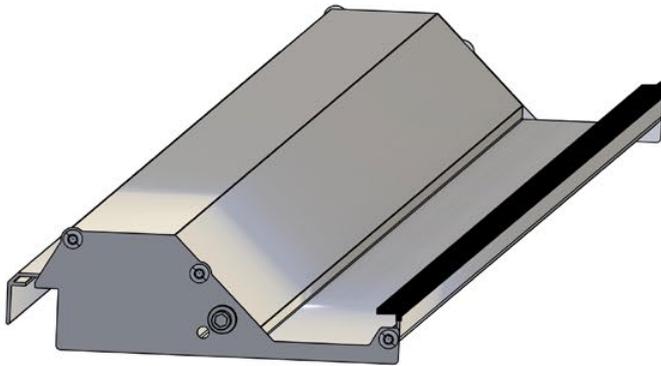
PERGOLA LOUVERS

P.PERGOLA 3M FS END LOUVER
PN-200000718

4

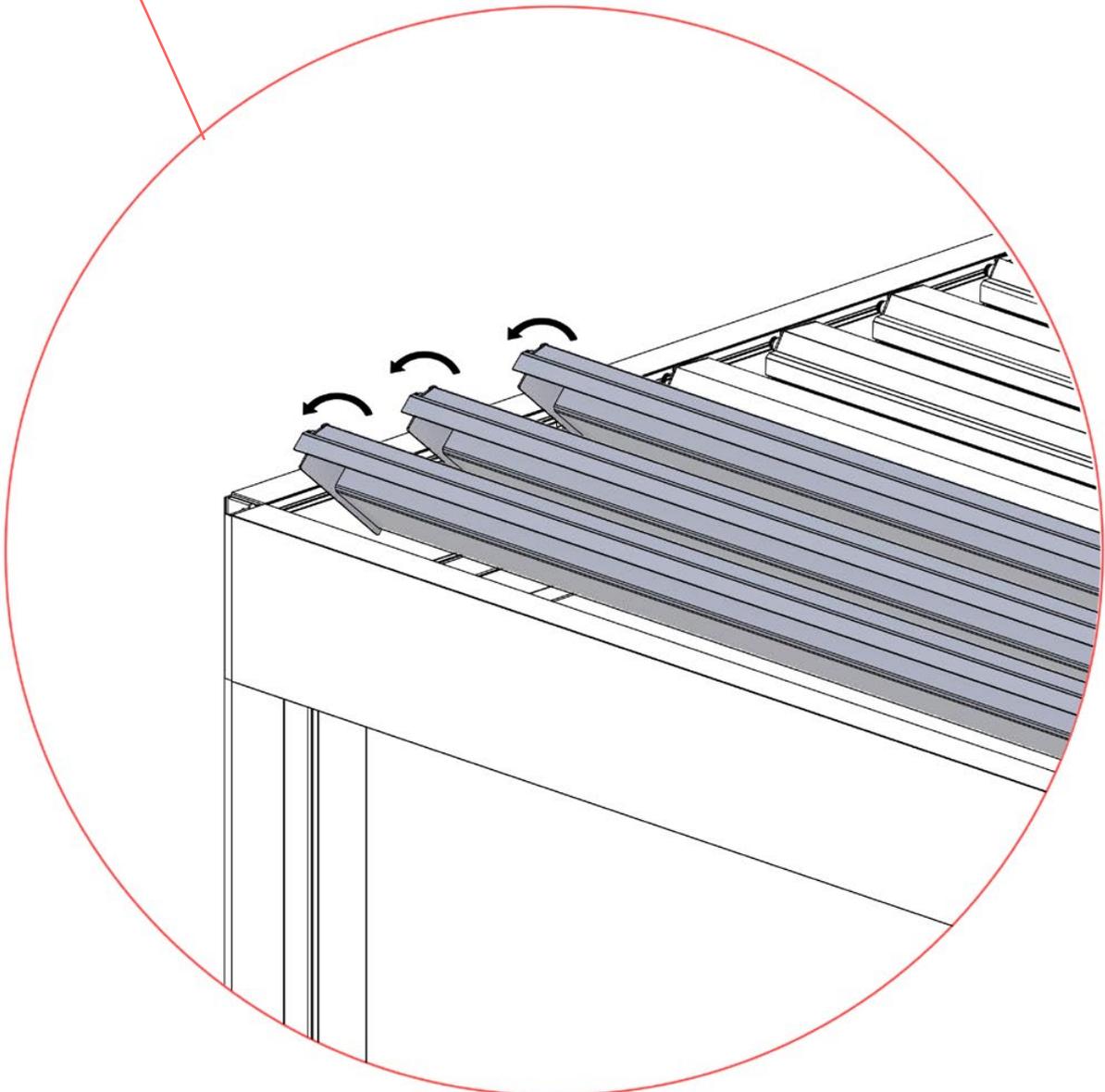ANTHRACITE: L113
WHITE: L125
BLACK: L137

1x
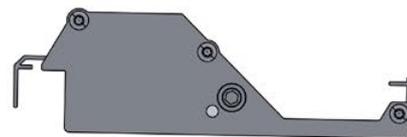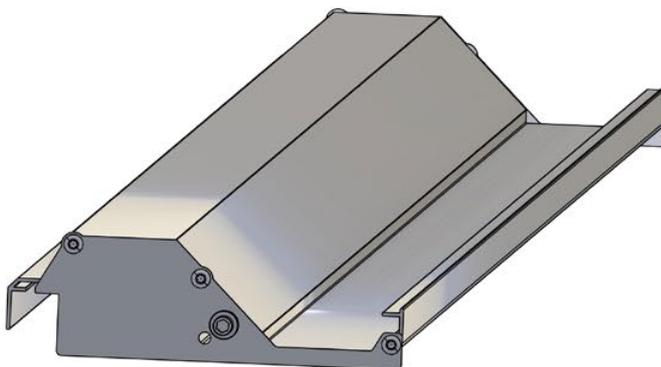
Standard
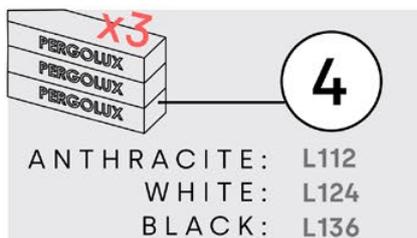
P.PERGOLA 3M FS LOUVER
PN-200000717

x3

4

ANTHRACITE: L112
WHITE: L124
BLACK: L136

18x

24

PN-200000718

1x

END
LOUVER

1

2

3
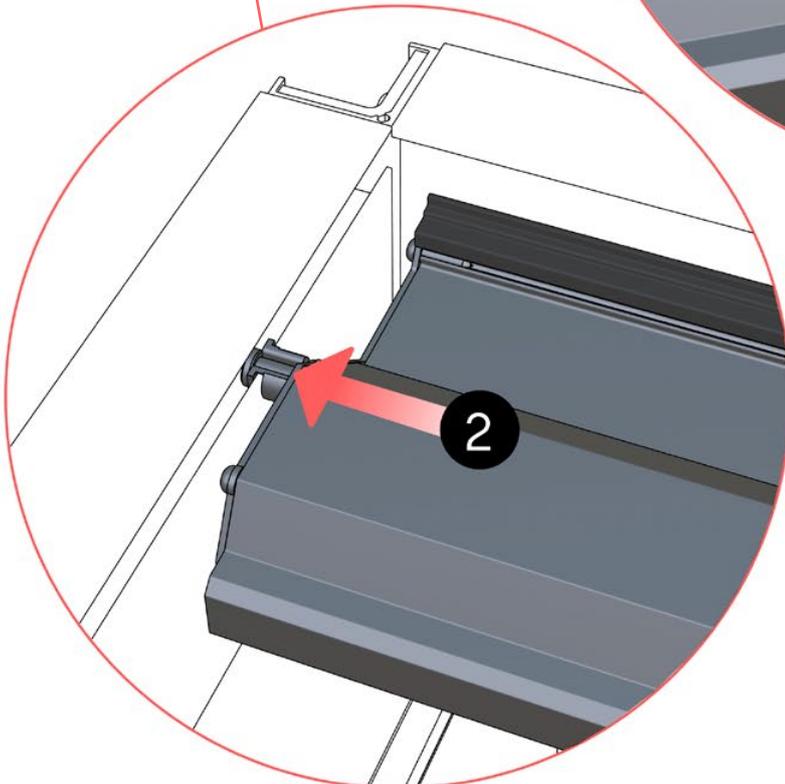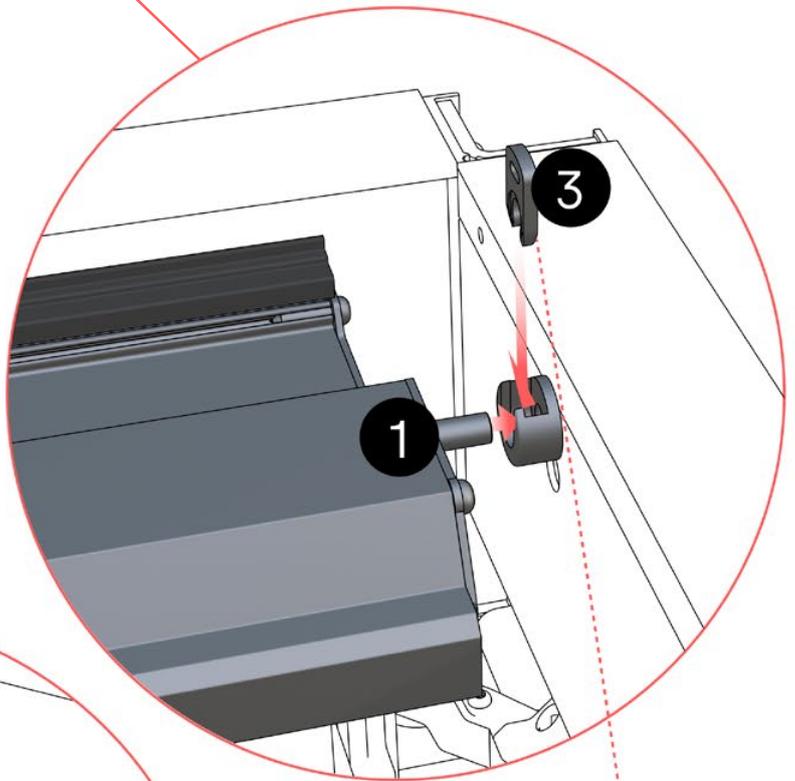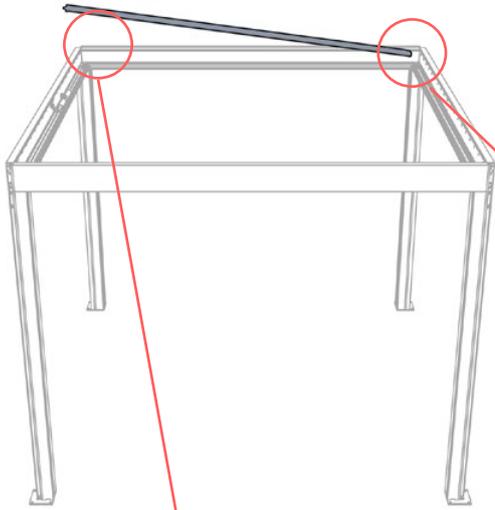
i See next
page

25

PN-200000677

H 1x

ⓘ
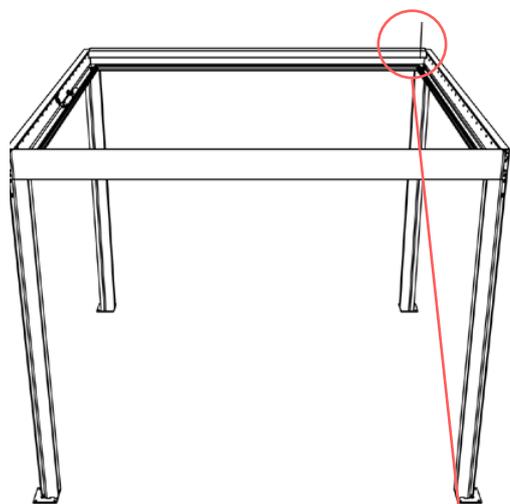
Important:
Place one clip
(PN-200000677)
immediately after each
installment of louver.

PN-200000677

Click!
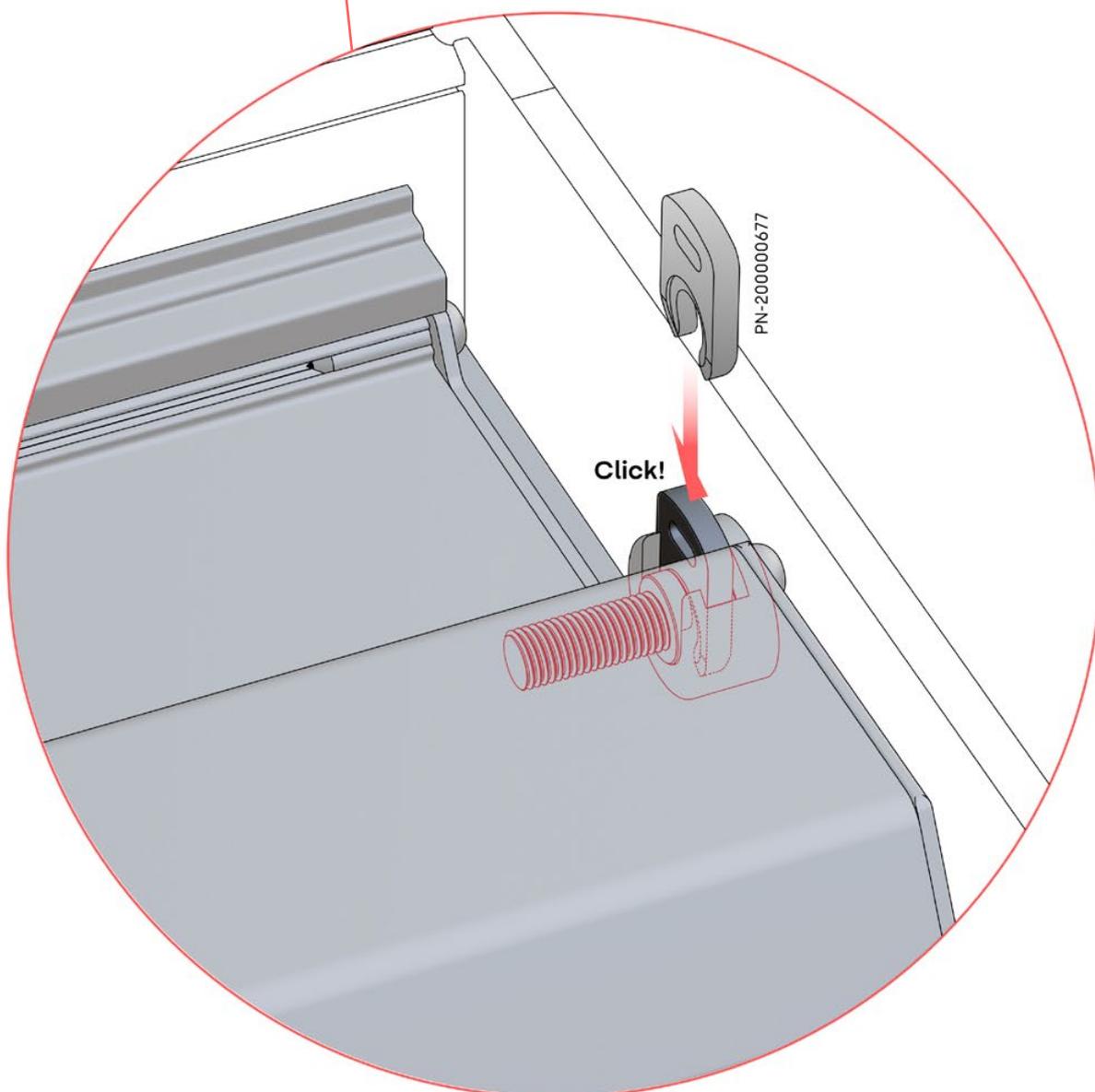
26

x4

PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

(5)

ANTHRACITE: **L112**
WHITE: **L124**
BLACK: **L136**

PN-200000717

21x

PN-200000677

H | **21x**

1

2

3

15

27

x3

PERGOLUX
PERGOLUX
PERGOLUX

(5)

ANTHRACITE: **L112**
WHITE: **L124**
BLACK: **L136**

PERGOLUX

PN-200000717

3x

PN-200000677

H | **3x**

ⓘ

L90°

3

28

29

Hand Crank
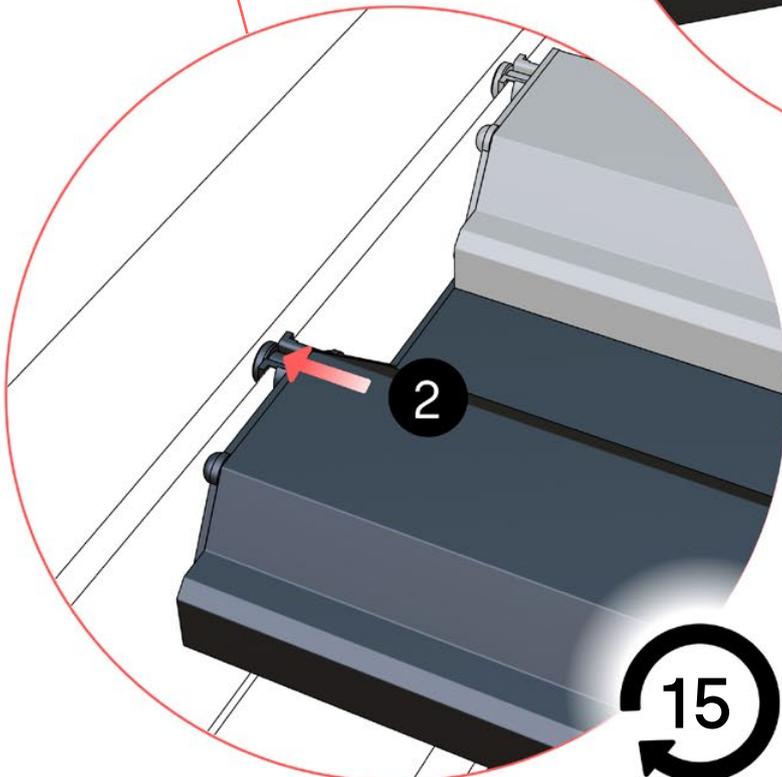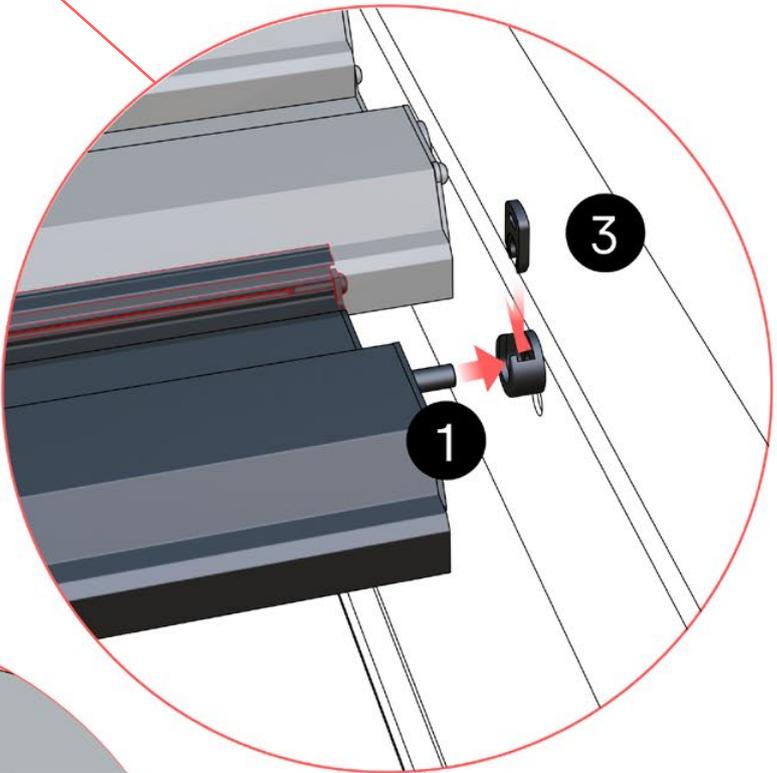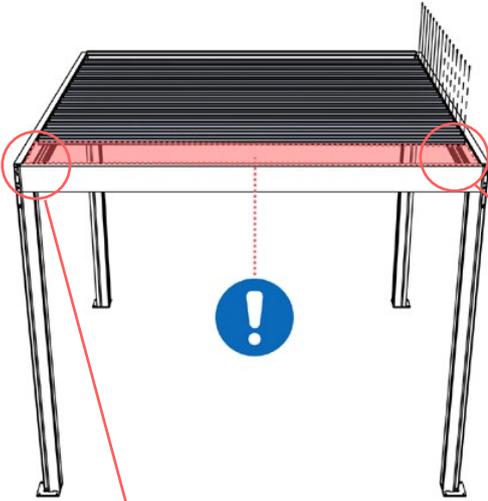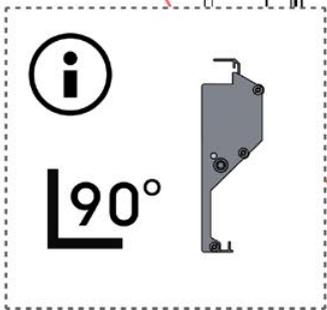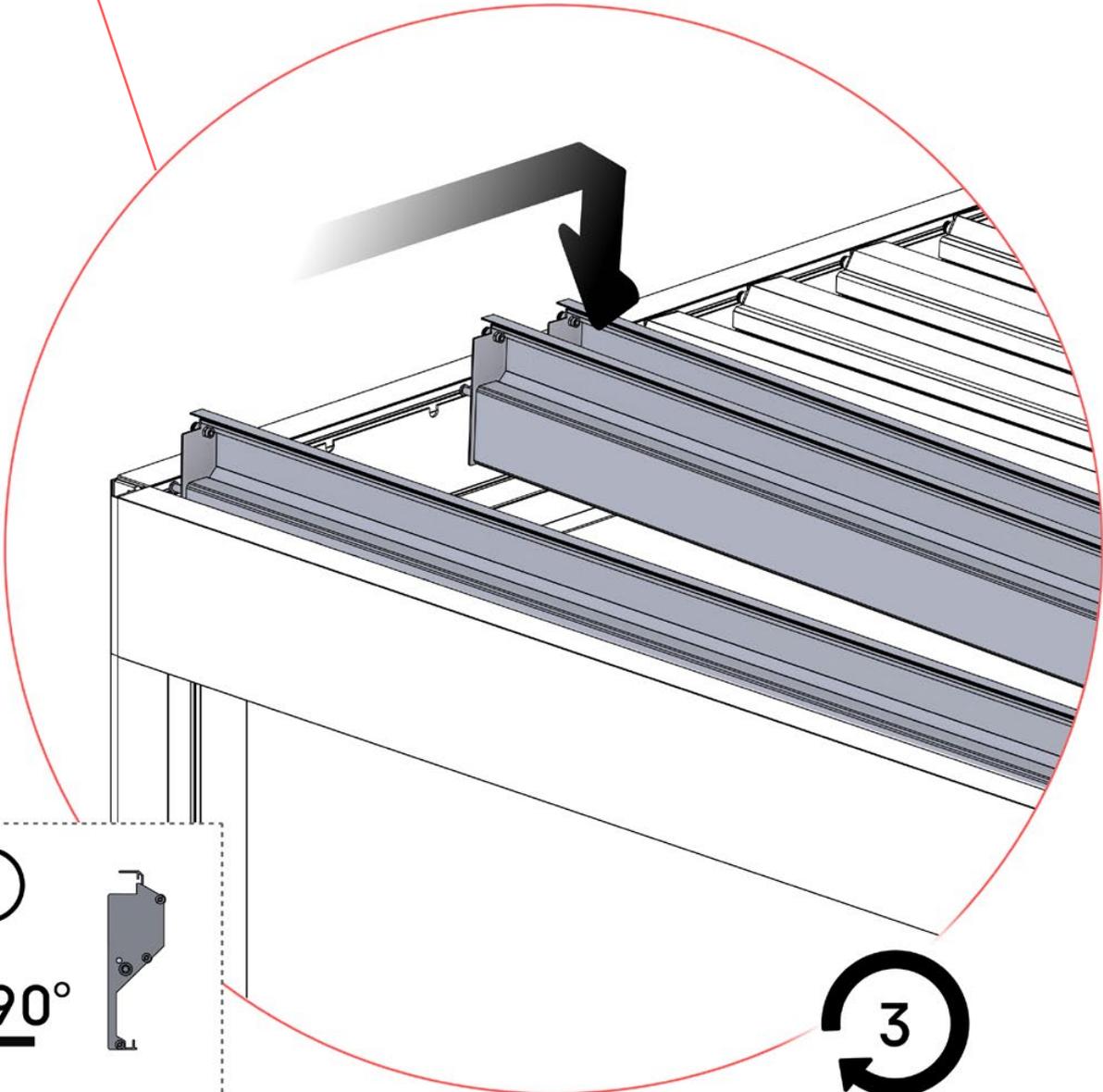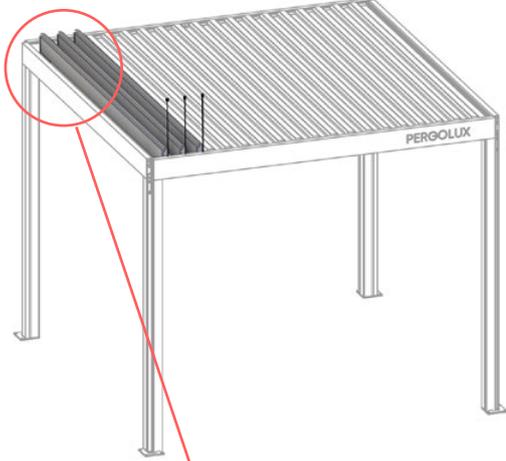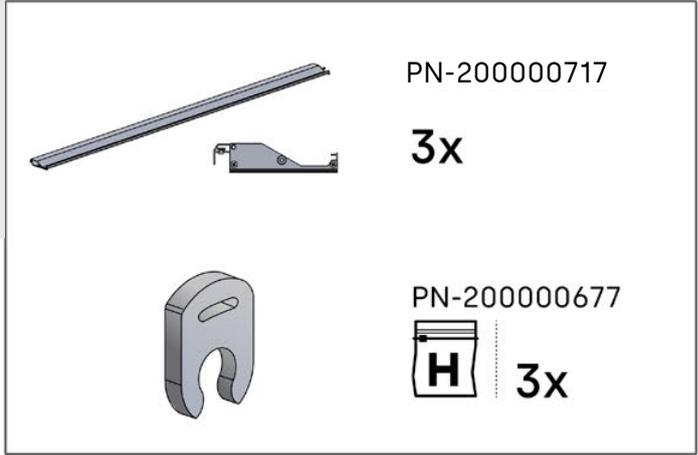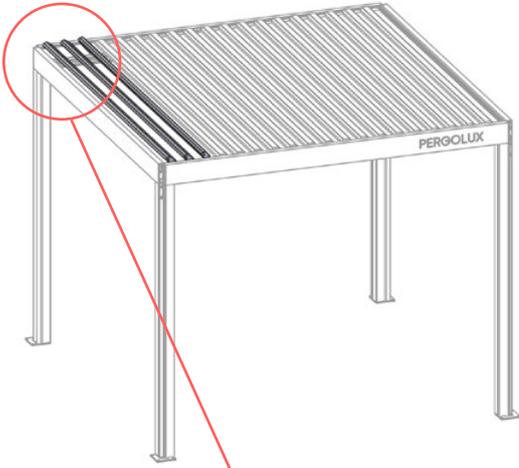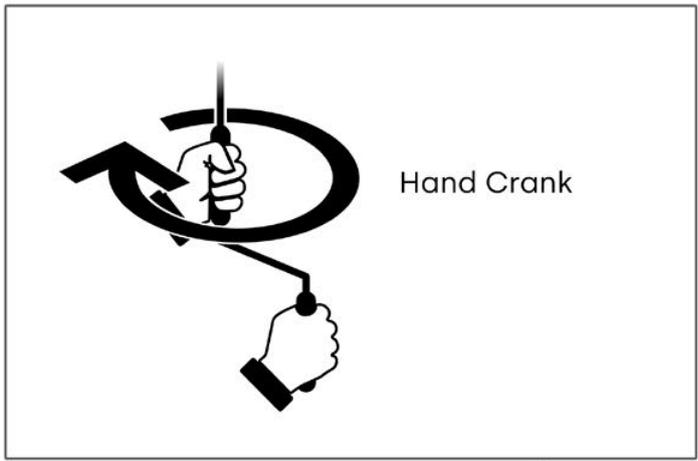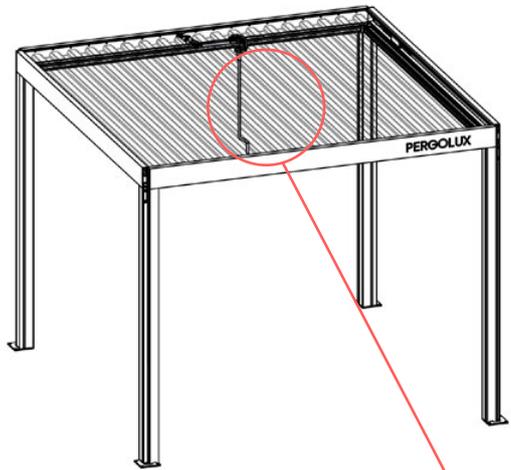
ℹ️ **Adjust motor to prepare for assembly on step 30**

30

PERGOLUX

(2)
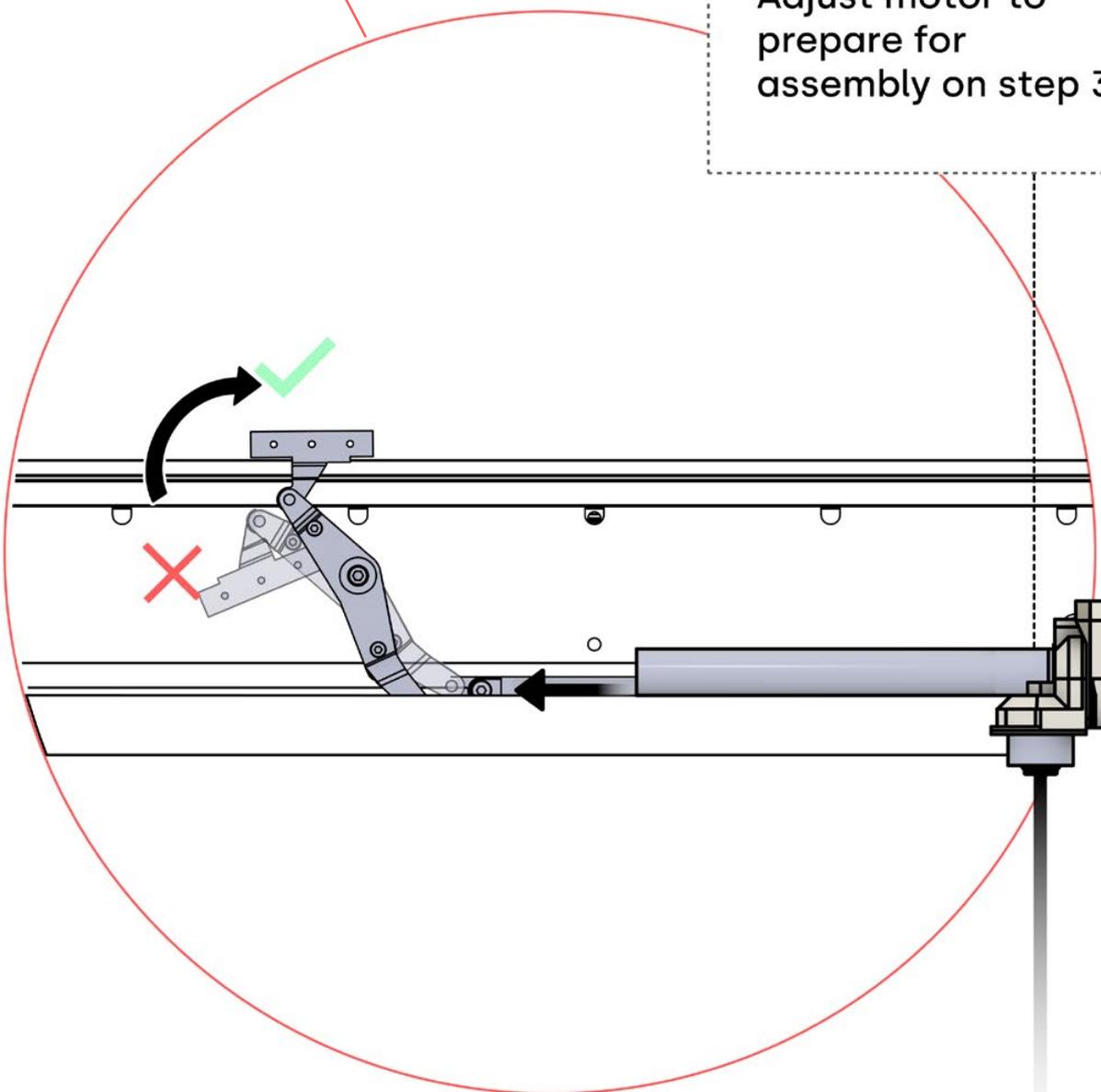
ANTHRACITE: **B115**
WHITE: **B127**
BLACK: **B139**

PN-200000582

2x
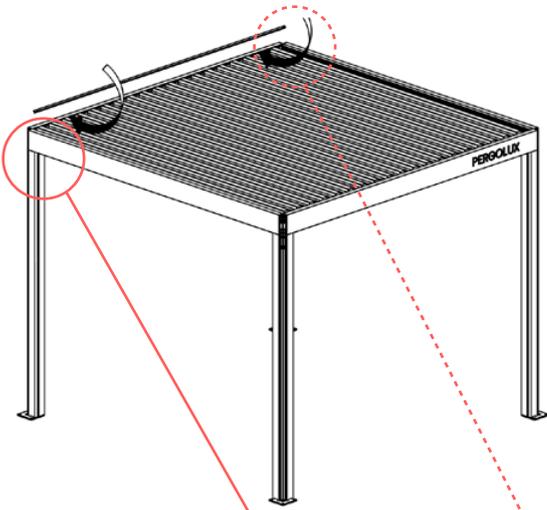
Click!

PN-200000582

L2 BEAM

(2)

31

ⓘ
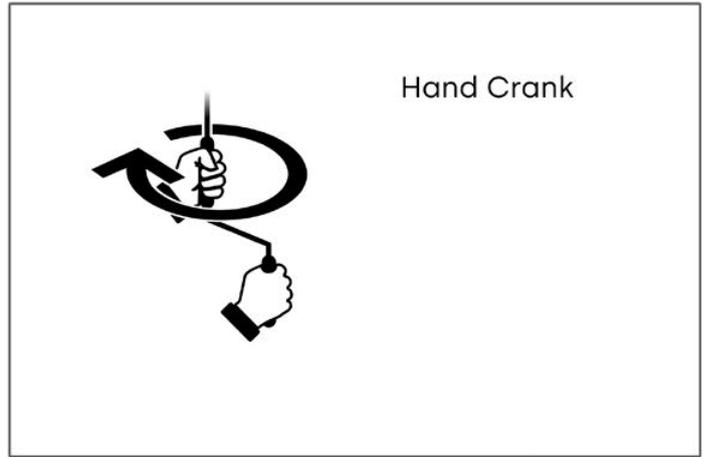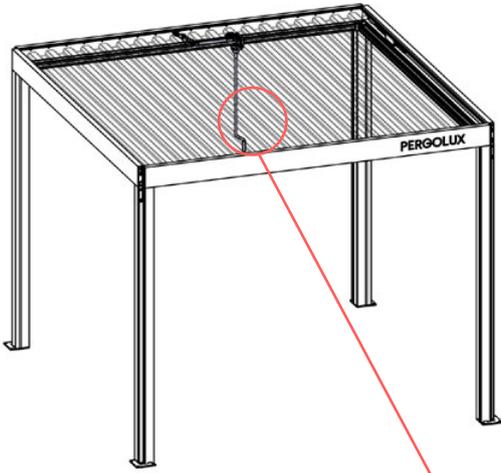
Adjust motor to prepare for assembly on step 32

32

PERGOLUX (2)

ANTHRACITE: **B115**
WHITE: **B127**
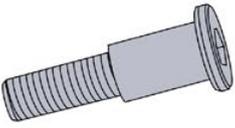BLACK: **B139**

PN-200000585

1x

6x8
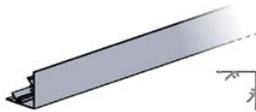1/4" x 5/16"

PN-200000573

S | **3x**

PN-200000585

PN-200000573

PN-200000585

PN-200000573

33

PN-200000532

R 19x

PN-200000529

R 19x

PN-200000666

R 19x

ⓘ

19

34

x2
PERGOLUX
PERGOLUX

(1)
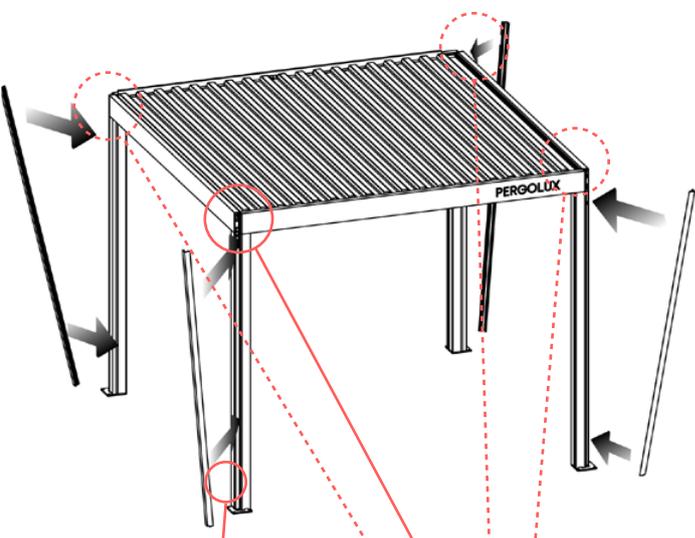
ANTHRACITE: **C103**
WHITE: **C105**
BLACK: **C107**

PERGOLUX

PN-200000546

4x

PN-200000546

3

Click!

2

1

4

35

x2

PERGOLUX
PERGOLUX

(1)

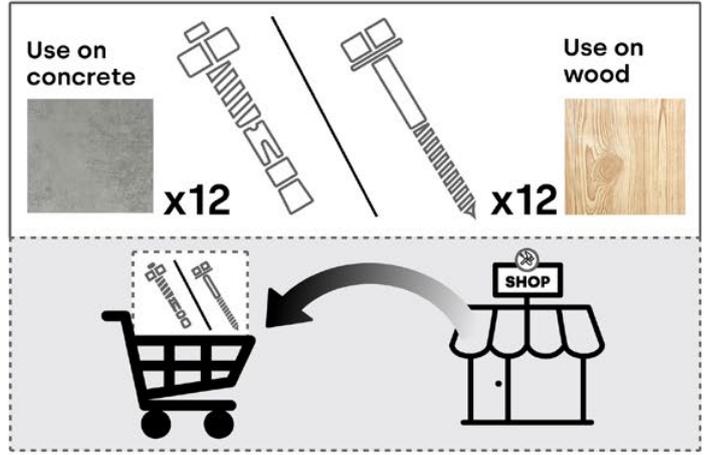ANTHRACITE: **C103**
WHITE: **C105**
BLACK: **C107**

PERGOLUX

PN-200000518

K | **4x**

4.2x16
5/32" x 5/8"

PN-200000840

K | **12x**

PN-200000840

PN-200000518

4

36

37

Use on concrete

x12

Use on wood

x12

SHOP

4

Designed and developed by PERGOLUX

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reddot winner 2024

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