PERGOLA

3x5m / 10'x16'
WALL MOUNTED

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

INFORMATION

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

pergoluxshop.com

pergolux.se

Australia

pergolux.ch

pergolux.nl

pergolux.cl

pergolux.co.uk

pergolux.dk

pergolux.no

pergolux.fr

pergolux.it

at.pergolux.de

pergolux.com.br

INFORMATION

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

Submit a request

Anfrage einreichen

Send oss en henvendelse

Een aanvraag indienen

Skicka oss en förfrågan

Submit a request

Send os en forespørgsel

Submit a request

Enviar una solicitud

Envoyer une demande

Enviar una solicitud

Invia una richiesta

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 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
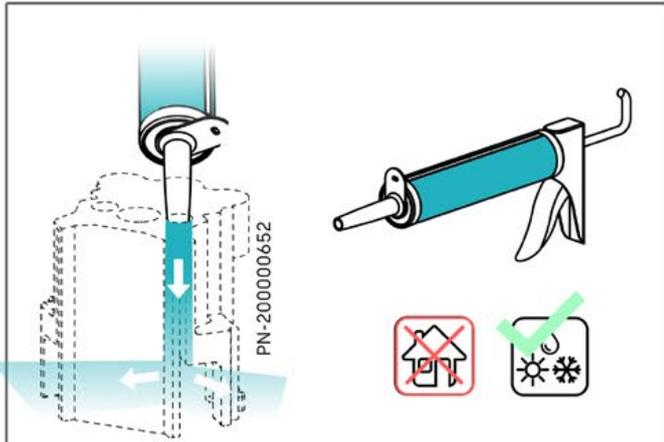
PN-200000652

Use a high-quality, 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.
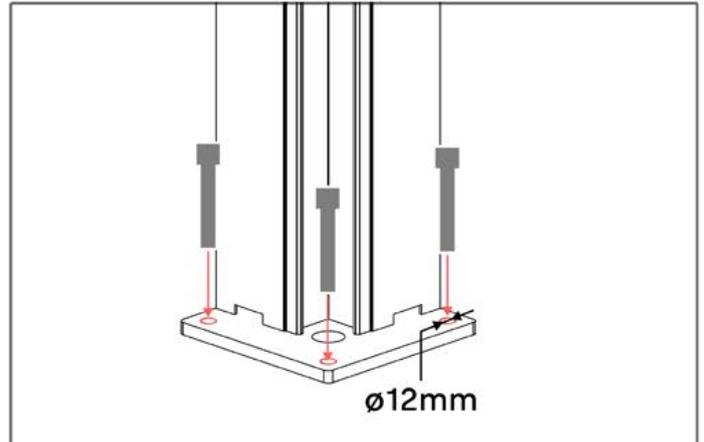
ø12mm

Use on concrete x6

Use on wood x6

You need to buy your needed screws to attach the pergola to the ground
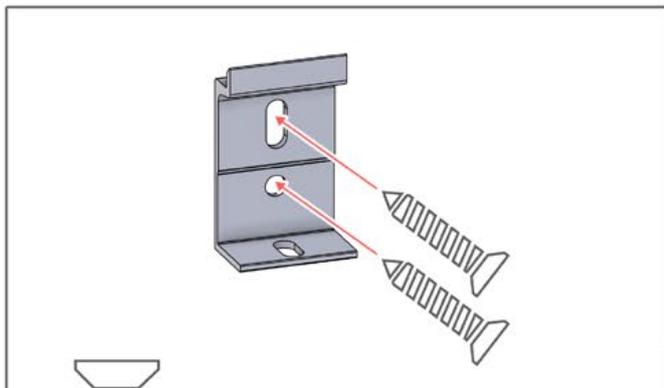
x12

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

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.

T O O L S
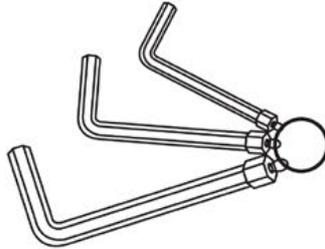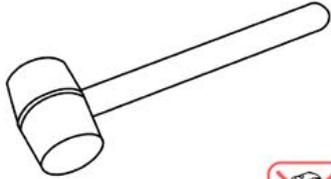
3mm, 4mm, 5mm
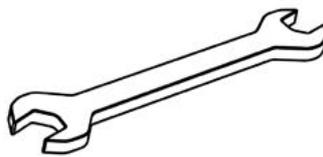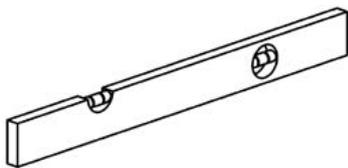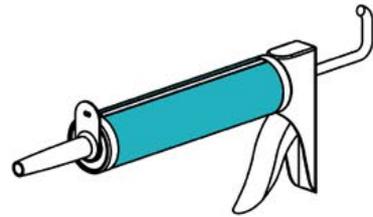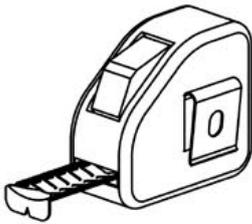
5,5mm, 7mm, 8mm, 10mm, 13mm
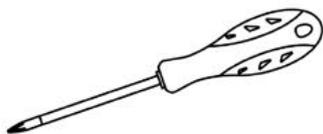
TX15, TX20, TX25, TX30

P A C K A G E   O V E R V I E W
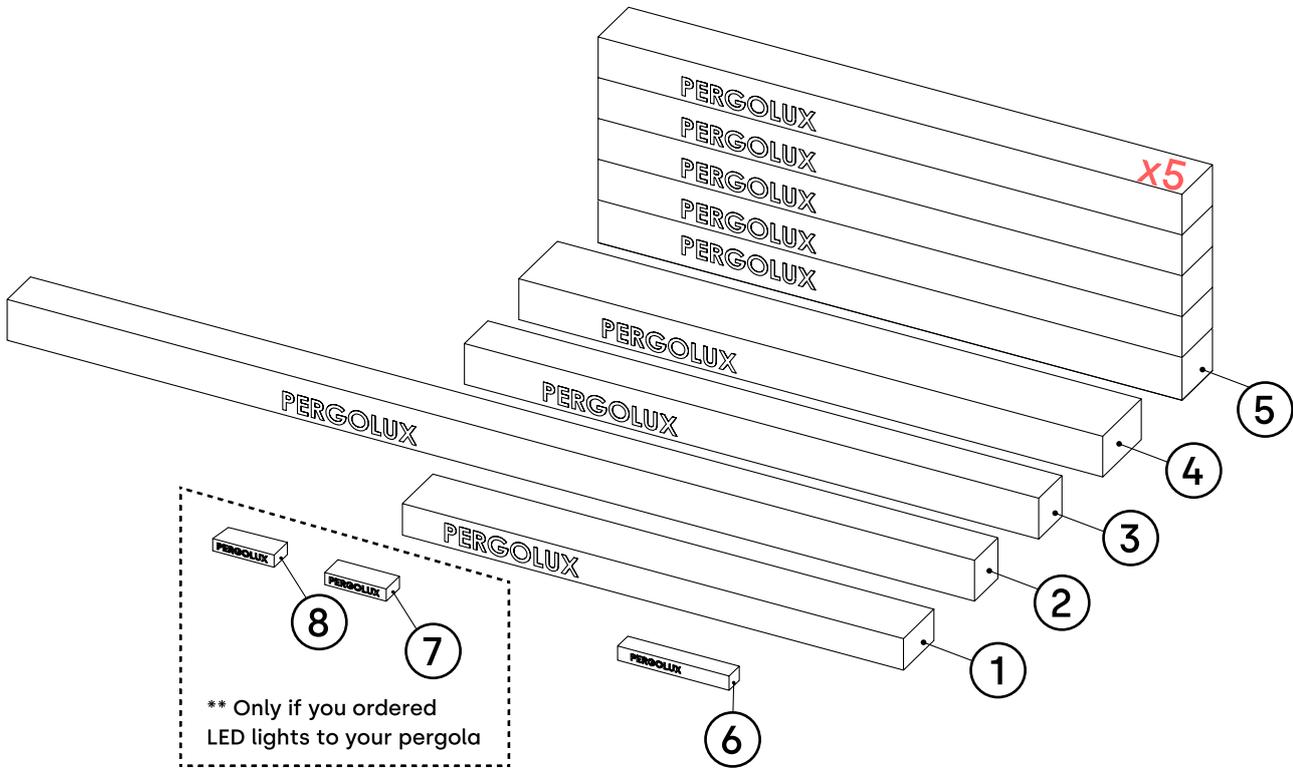
** Only if you ordered
LED lights to your pergola

ORDER	ANTHRACITE	WHITE	BLACK
①	C103	C105	C107
②	B123	B135	B147
③	B125	B137	B149
④	L119	L131	L143
⑤	L118	L130	L142
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

	ANTRACITE	WHITE	BLACK
1	C103	C105	C107

CORNER POLE
PN-200000559
2x

PN-200000546
2x
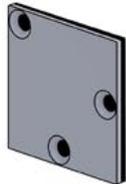
PN-200000518
K **2x**

PN-200000535
B **2x**

4.2x16
5/32" x 5/8"
PN-200000840
K **6x**
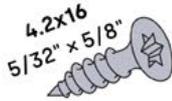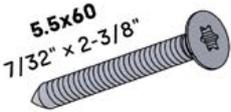
5.5x60
7/32" x 2-3/8"
PN-200000560
B **10x**

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
2	B123	B135	B147

L2 BEAM
PN-200000689

1x
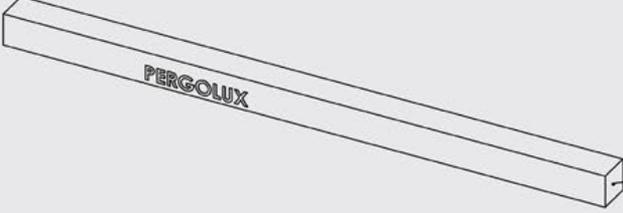
L1 BEAM
PN-200000690

1x

BEAM WITH
PERGOLUX
LOGO

PN-200000688

2x

Pre-assembled part

PN-200000592

2x

PN-200000596

1x

I T E M S   I N   B O X

	ANTHRACITE	WHITE	BLACK
2	B123	B135	B147

5.5x38
7/32" × 1-1/2"
PN-200000668
J 4x

3.5x12
9/64" × 1/2"
PN-200000660
M 8x

PN-200000667
J 4x

PN-200000652
O 2x

5.5x50
7/32" × 2"
PN-200000568
E 32x

5.5x48
7/32" × 1-7/8"
PN-200000663
O **W** 4x

6x20
1/4" × 3/4"
PN-200000658
J 8x

8x25
5/16" × 1"
PN-200001334
T 1x

PN-200000653
M 2x

PN-200000969
T 1x

PN-200000650
L 4x

PN-200000677
H 31x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
2	B123	B135	B147

PERGOLUX
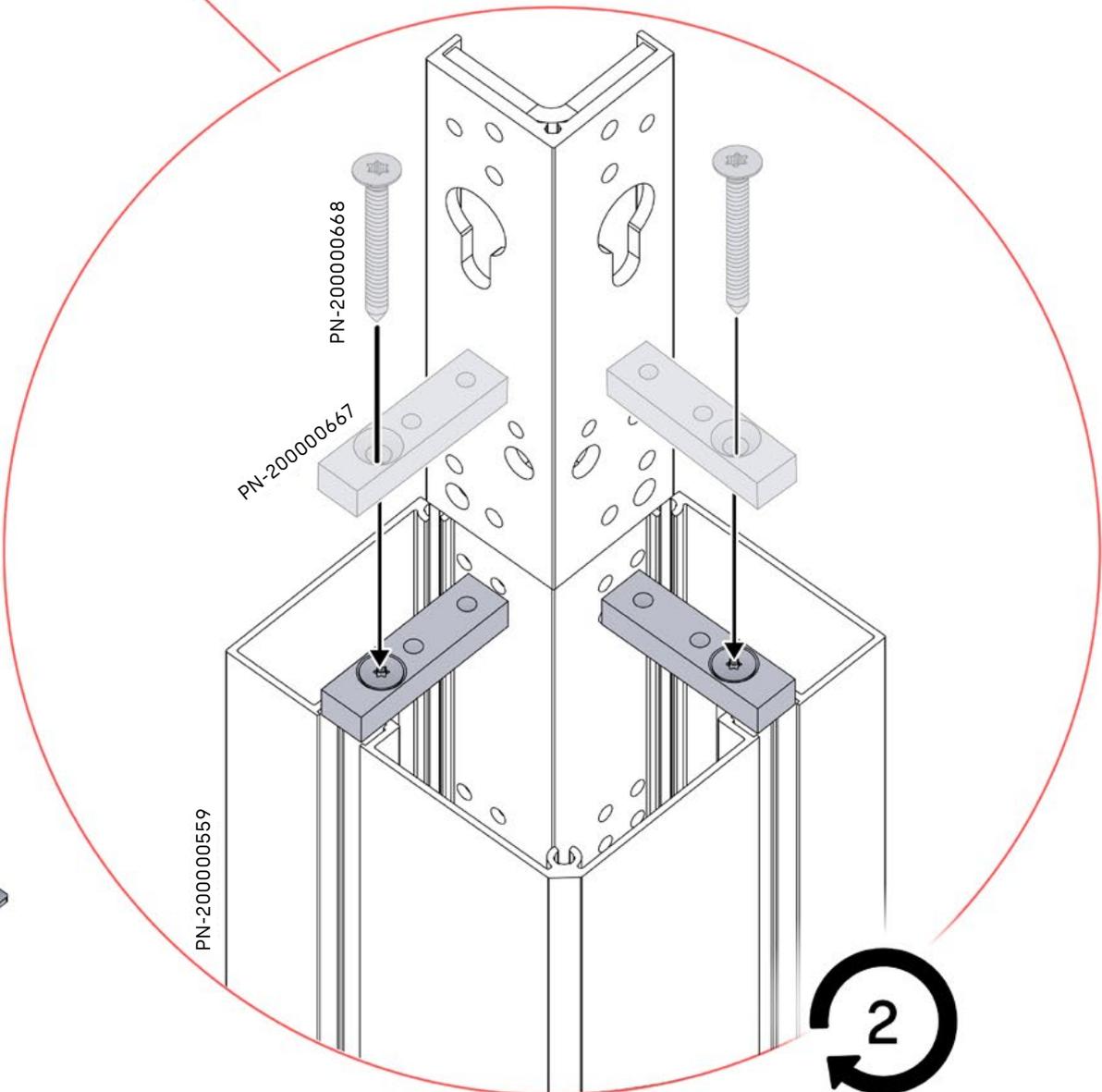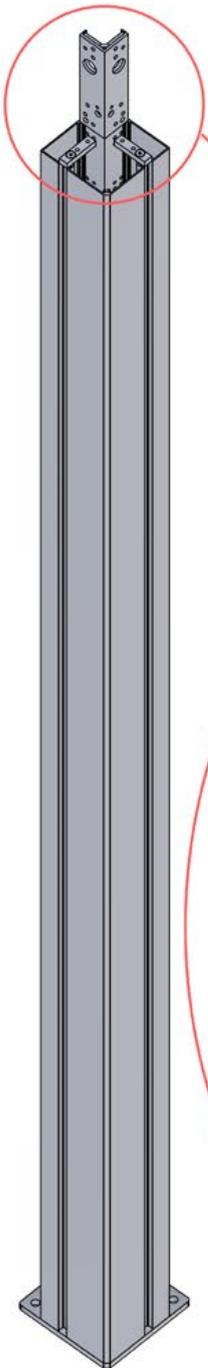
6x8
1/4" x 5/16"

PN-200000573
S 3x

PN-200000532
R 31x

PN-200000565
X 2x

PN-200000529
R 31x

PN-200000510
Z 6x

PN-200000666
R 31x

PN-200000669
Z 6x

PN-200000647
V 2x

8x12
5/16" x 1/2"

PN-200000655
Z 6x

PN-200000649
W 2x

3.5x40
9/64" x 1-9/16"

PN-200000662
U 2x

PN-200000648
U 2x

ITEMS IN BOX

	ANTRACITE	WHITE	BLACK
2	B123	B135	B147

PN-200000541
2x

PN-200000598
1x
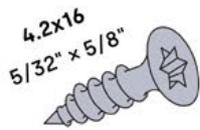
4.2x16
5/32" x 5/8"
PN-200000840
Y | 12x

LUBRICANT
TOOLS | 1x
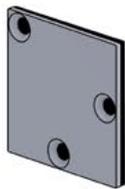
PN-200000518
Y | 4x
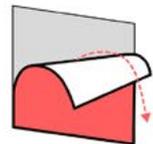
PN-200001861
TAPE | 8x

ITEMS IN BOX
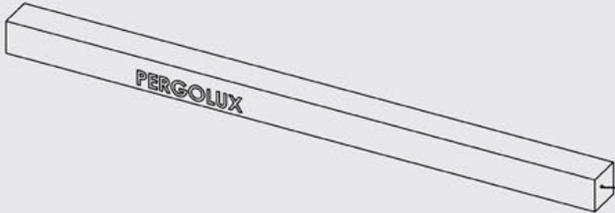
	ANTHRACITE	WHITE	BLACK
3	B125	B137	B149

PN-200000661

2x

Pre-assembled part
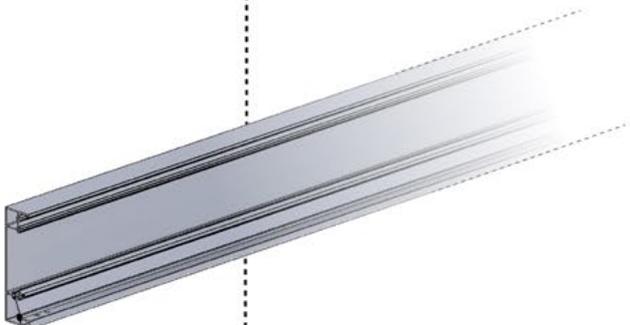
W BEAM
PN-200000672

2x
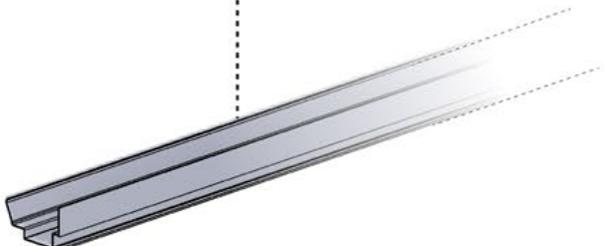
PN-200000657

2x

Pre-assembled part

ITEMS IN BOX
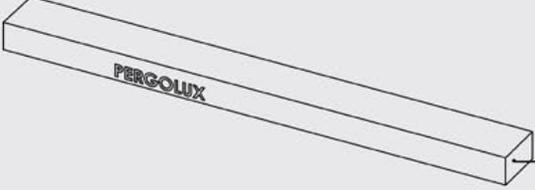
	ANTHRACITE	WHITE	BLACK
4	L119	L131	L143
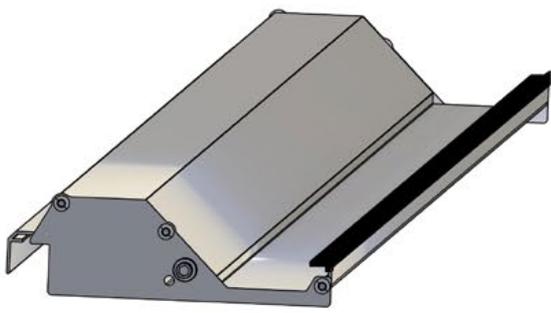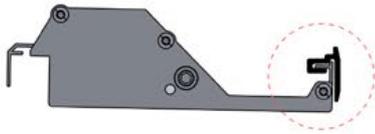
PN-200000683

1x
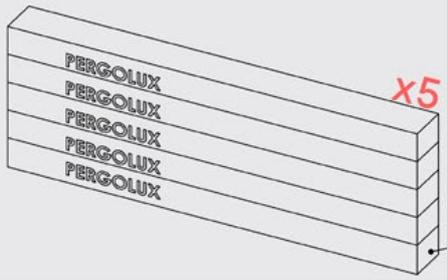
	ANTHRACITE	WHITE	BLACK
5	L118	L130	L142

x5
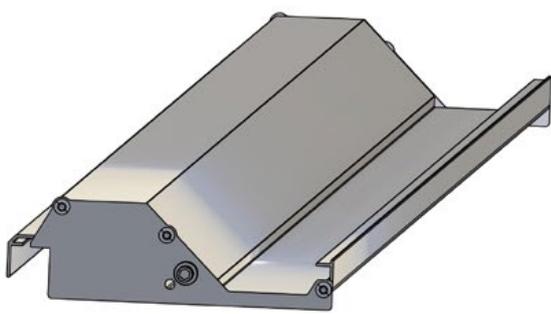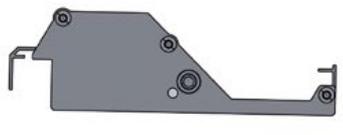
PN-200000675

30x

ITEMS IN BOX

6 MANUAL MOTOR
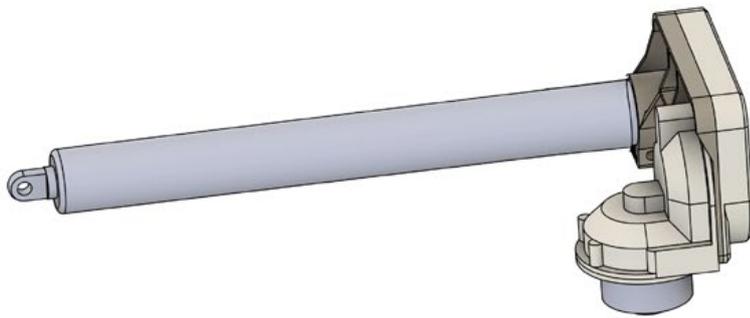
Manual motor
PN-200001563
1x

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
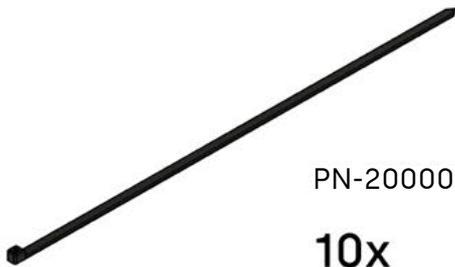
PN-200002684
10x

PN-200002758
1x

PN-200002683
5x

PN-200002753
2x

QR-code
1x

PN-200002759
2x
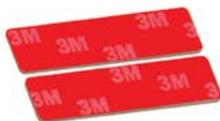
3M tape
1x

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 5 M / 10'x16'

L2 BEAM
PN-200000689

W BEAM
PN-200000672

W BEAM
PN-200000672

L1 BEAM
PN-200000690

CORNER POLE
PN-200000559

PERGOLUX

3 x 5 M / 10'x16'

A

$92\frac{33}{64}$" H=**2525** H=**99**$\frac{13}{32}$" 2350

2606 $102\frac{37}{64}$" OPEN POSITION

B

4560 $179\frac{17}{32}$"

MOTOR

A

LOUVER
DRAIN
SLOPE

A

W=**2880** W=**148**$\frac{13}{16}$" 2920

$150\frac{25}{64}$" OUTSIDE BASEPLATE

C

L=**4800** L=**188**$\frac{31}{32}$"

4880 $192\frac{1}{8}$"

OUTSIDE BASEPLATE
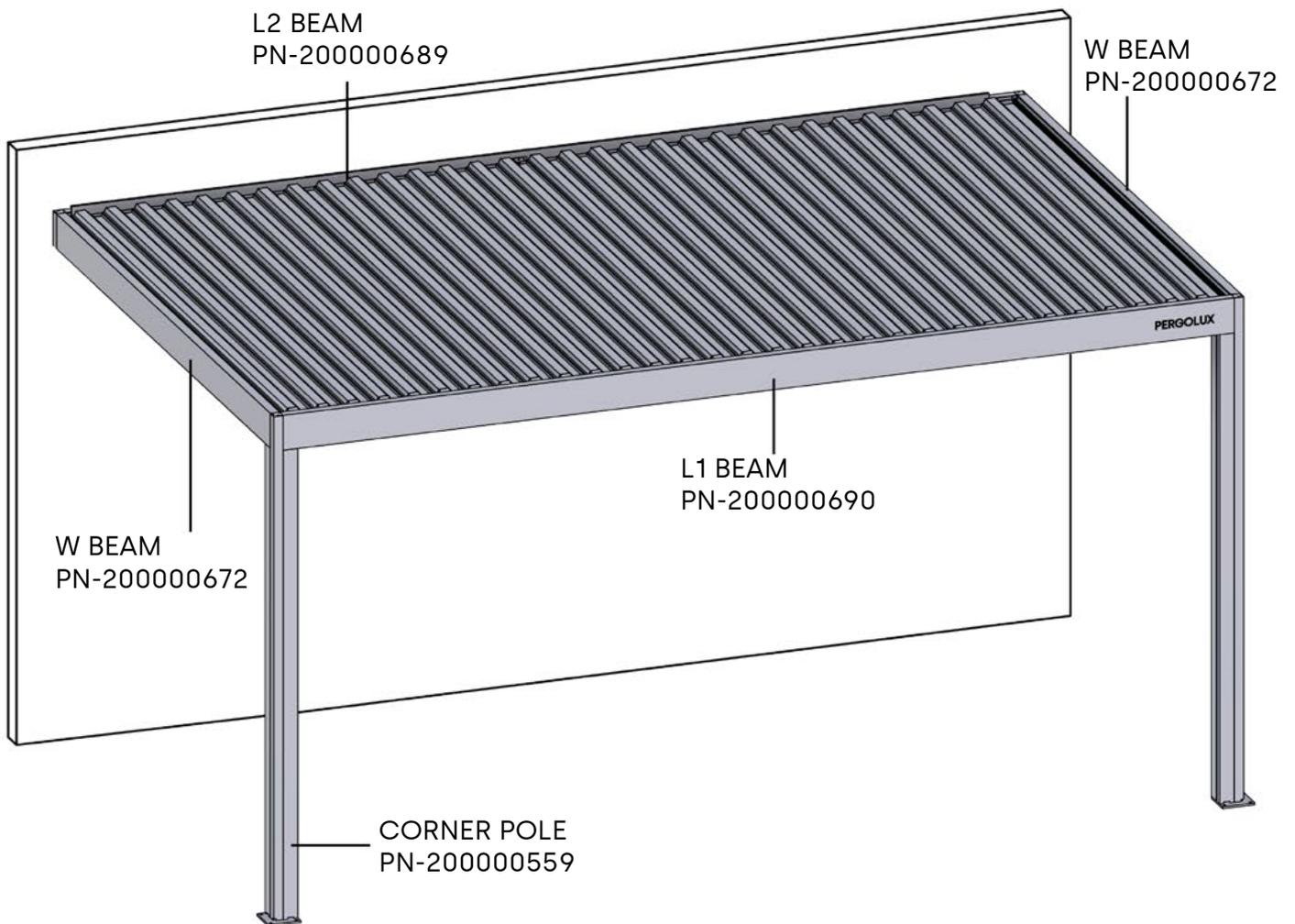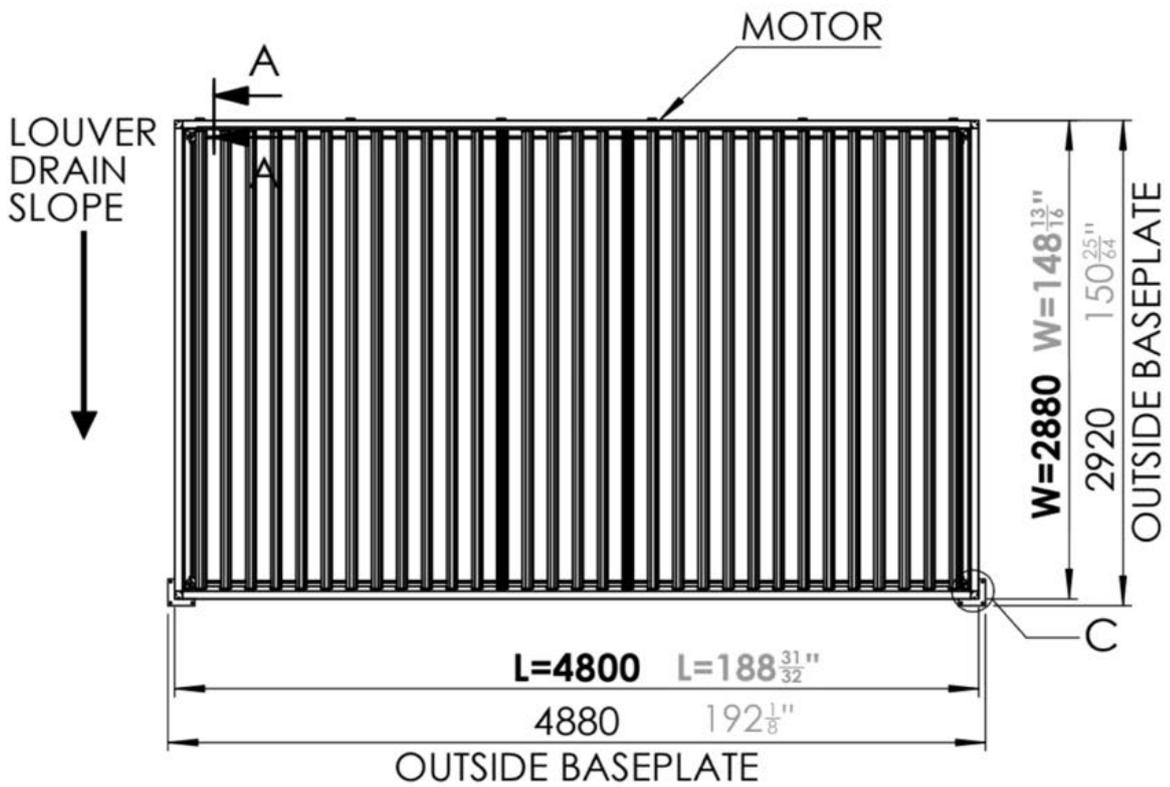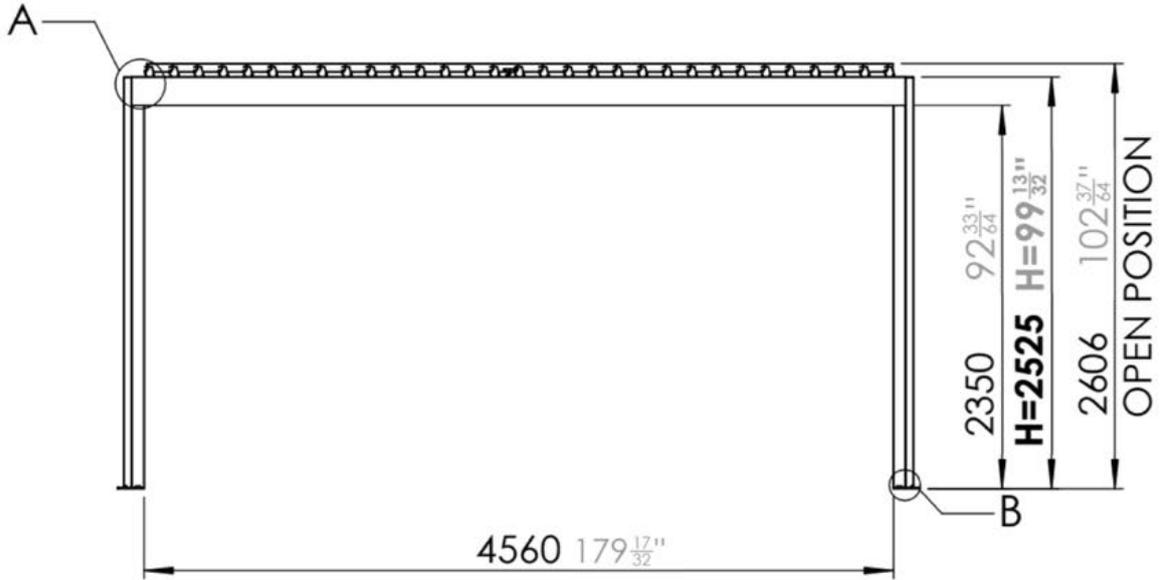
1

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
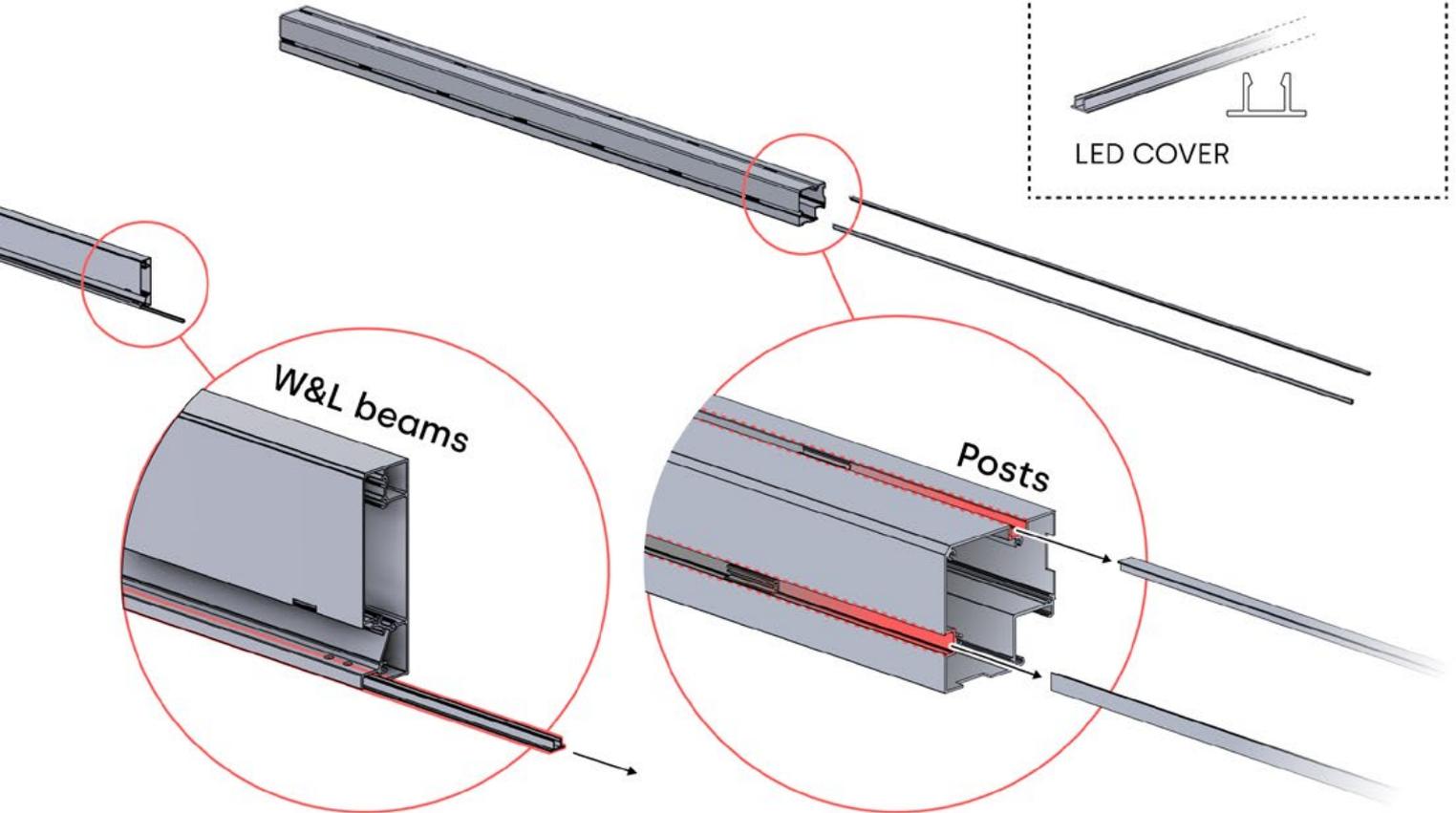
W&L beams

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: **B125**
WHITE: **B137**
BLACK: **B149**

2x

W BEAM
PN-200000672

W BEAM COVER
PN-200000693

W BEAM COVER
PN-200000661

W BEAM
PN-200000672

② ↻

23

3
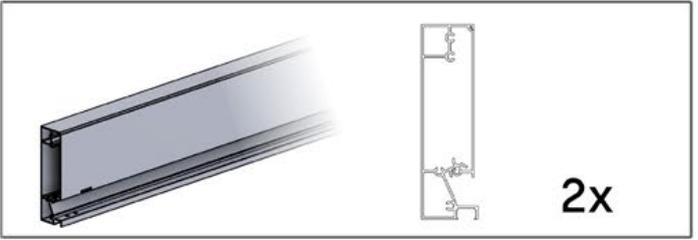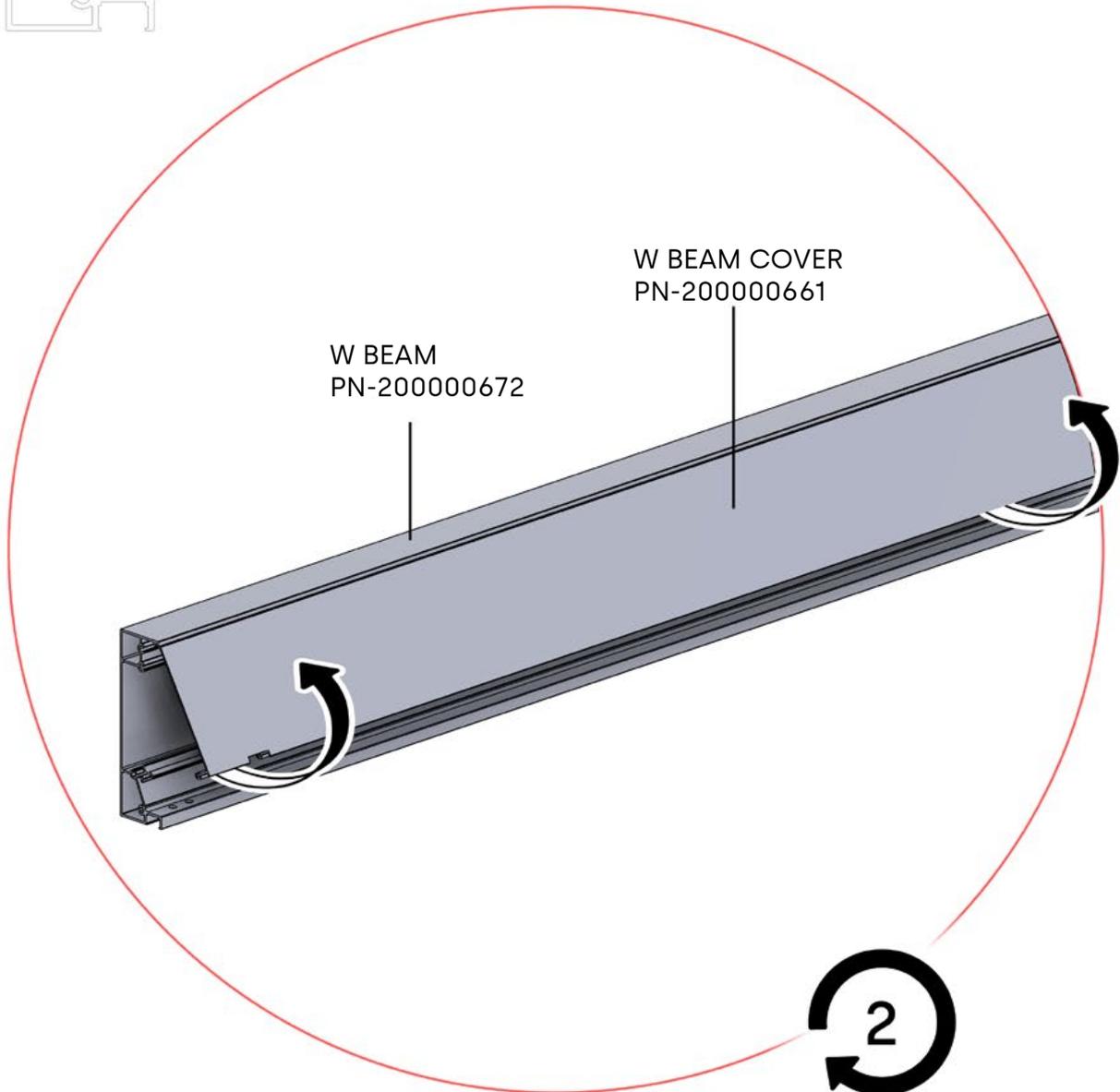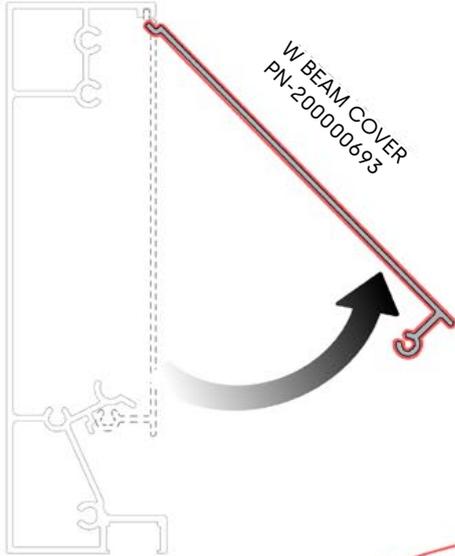
PERGOLUX ——— ①

ANTHRACITE: C103
WHITE: C105
BLACK: C107

PN-200000559
2x

PN-200000535
B 2x

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

PN-200000560
B 10x

PN-200000560

PN-200000559

PN-200000535

PN-200000560

②

24

4
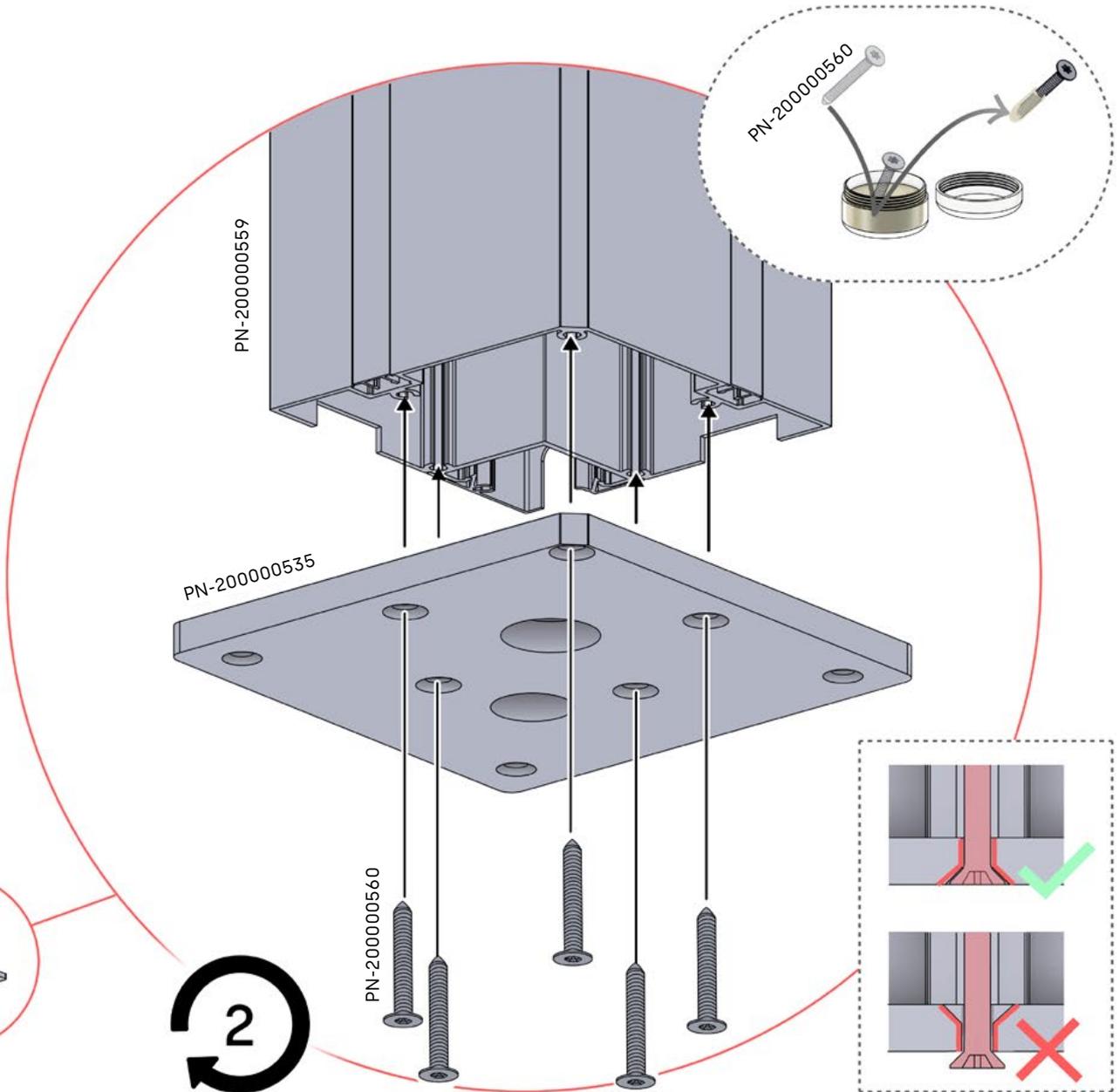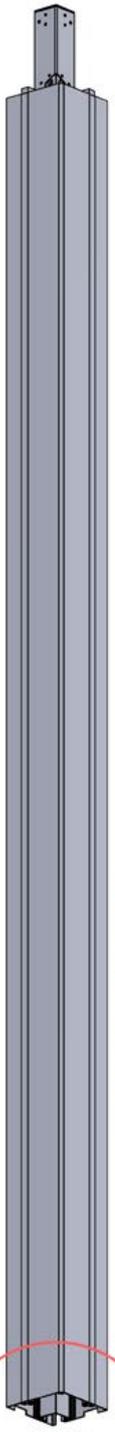
PERGOLUX

ANTHRACITE:	C103
WHITE:	C105
BLACK:	C107

(1)

PN-200000667

J 4x

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

PN-200000668

J 4x

PN-200000668

PN-200000667

PN-200000559

(2)

5

~900 mm
35 7/16"

~900 mm
35 7/16"

~900 mm
35 7/16"

~900 mm
35 7/16"

~900 mm
35 7/16"

2356 mm
92 3/4"

PN-200000510
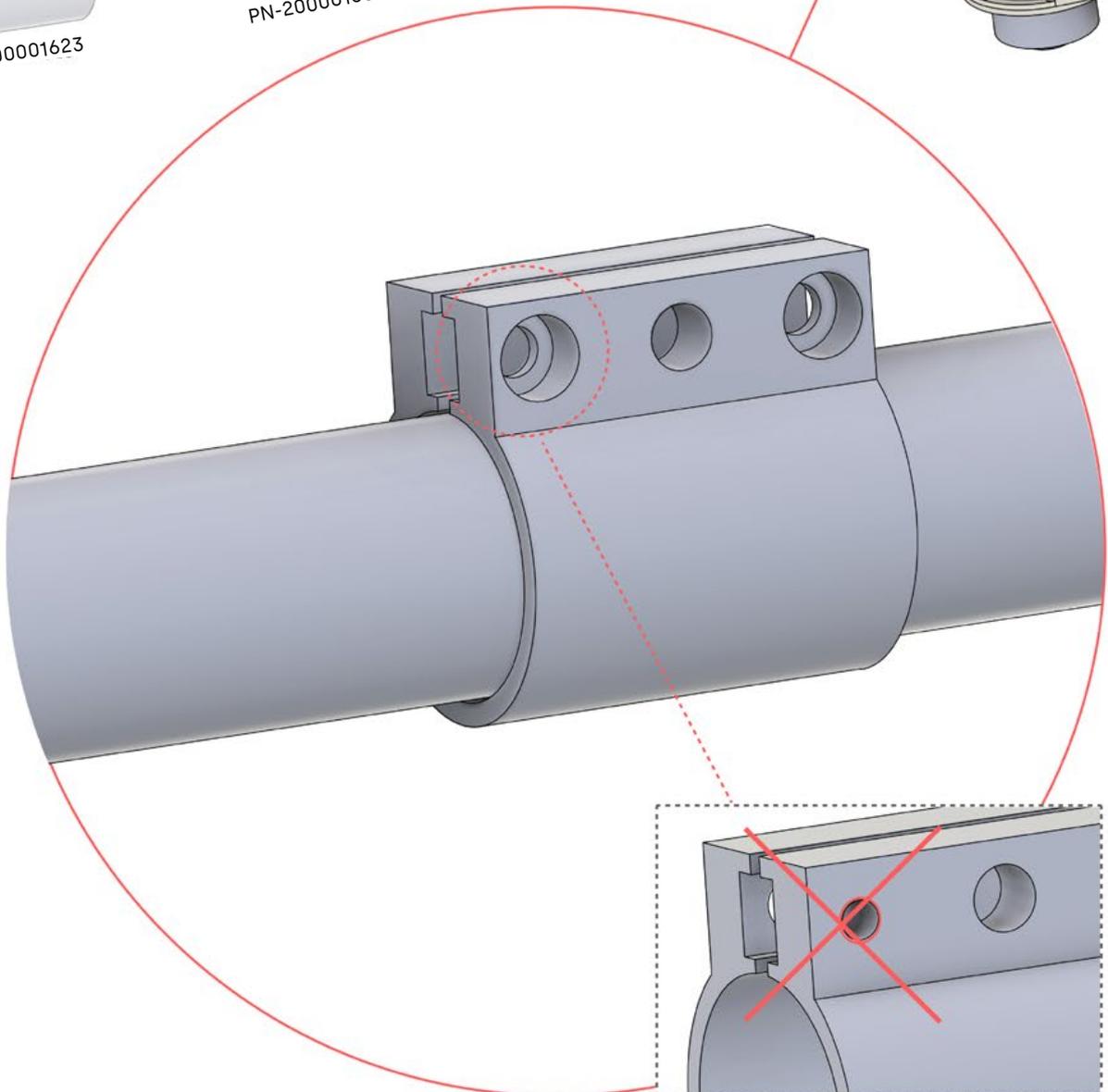
6x

12x

SHOP

900 mm
35 7/16"

2356 mm
92 3/4"

6

26
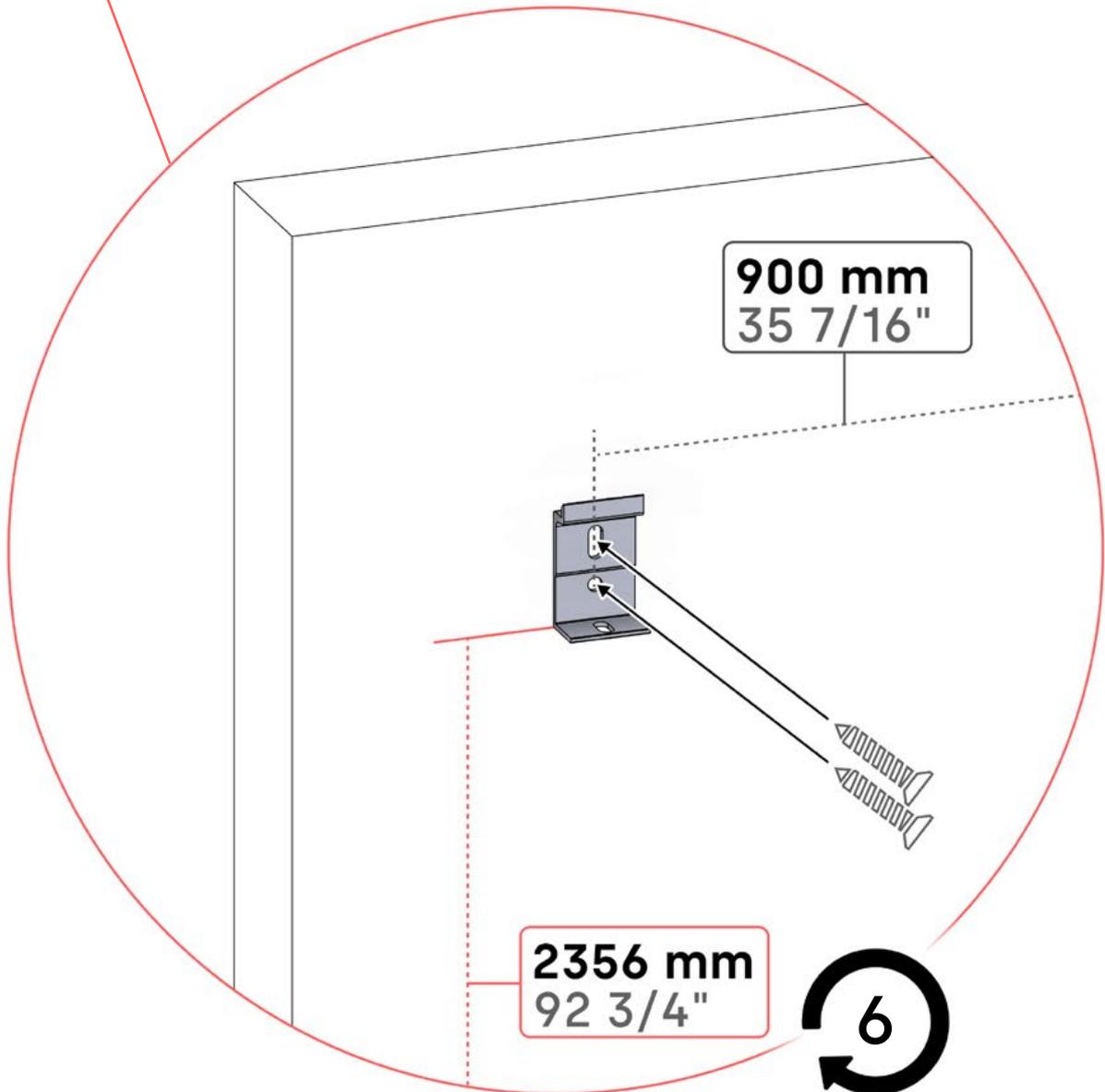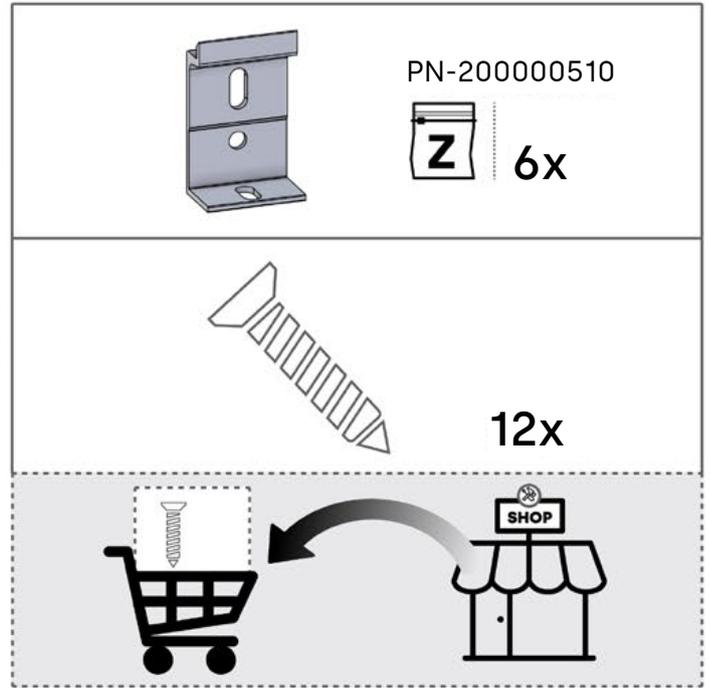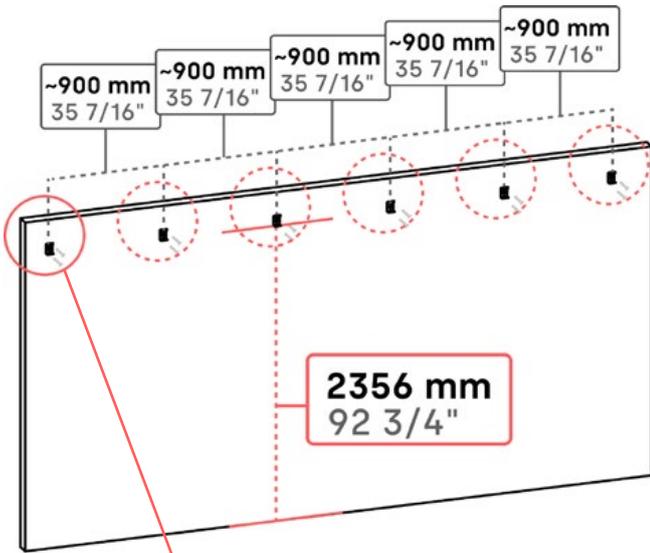
6

PERGOLUX ②

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

L2 BEAM
PN-200000689
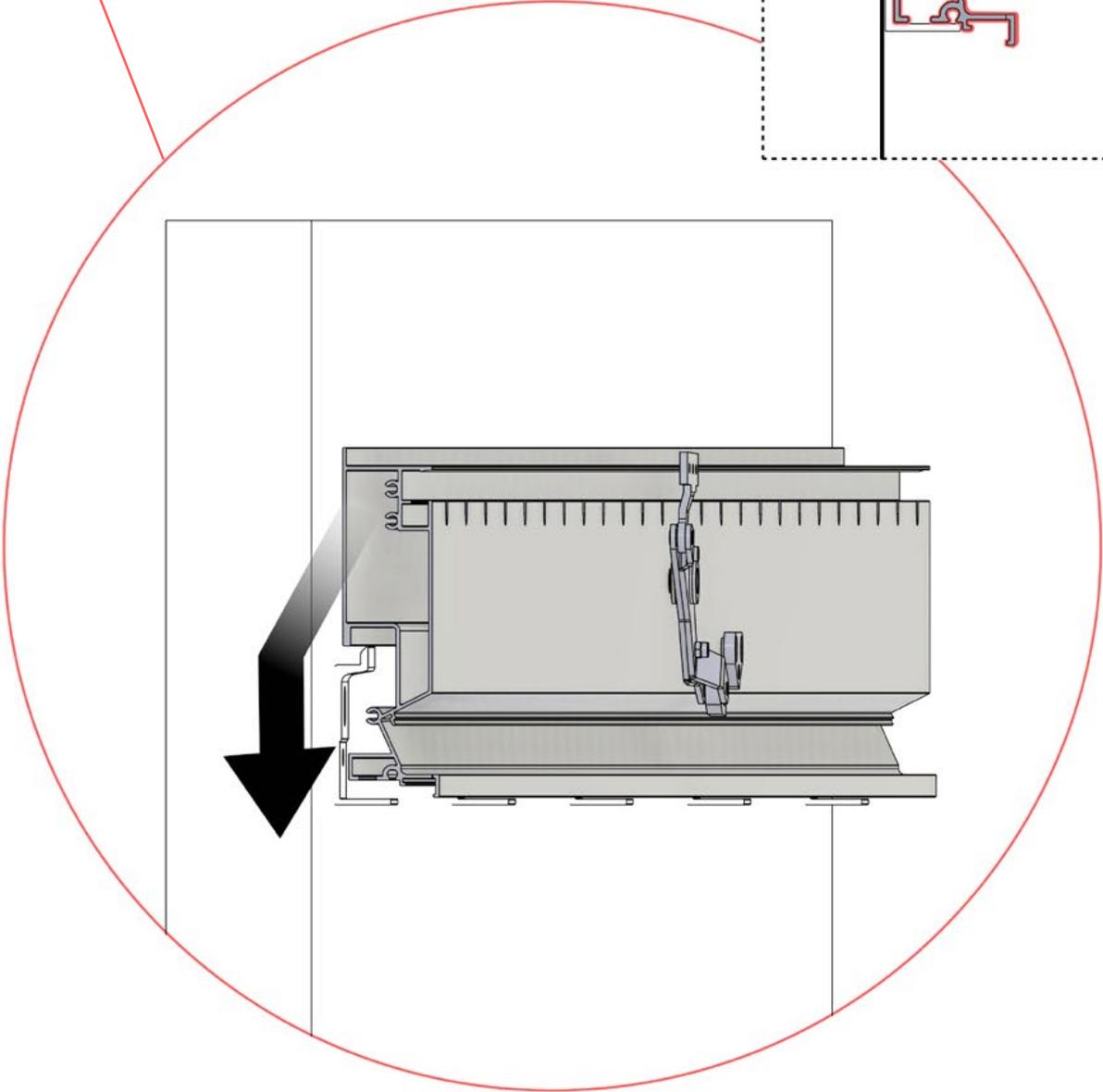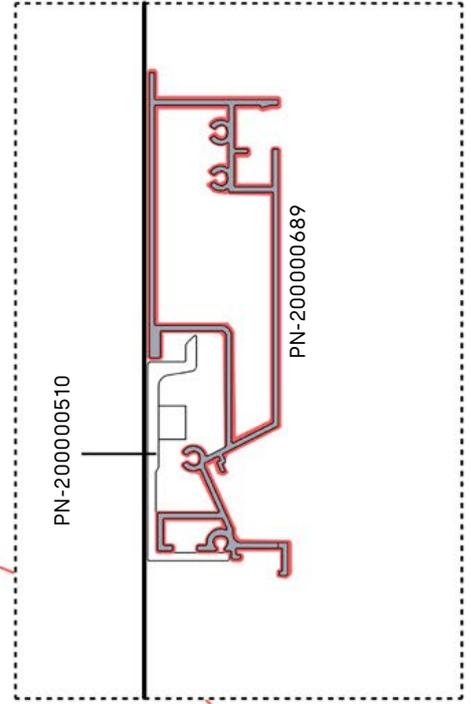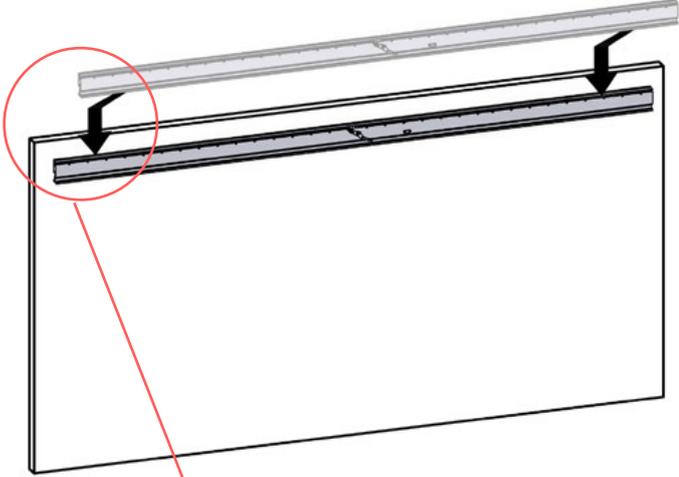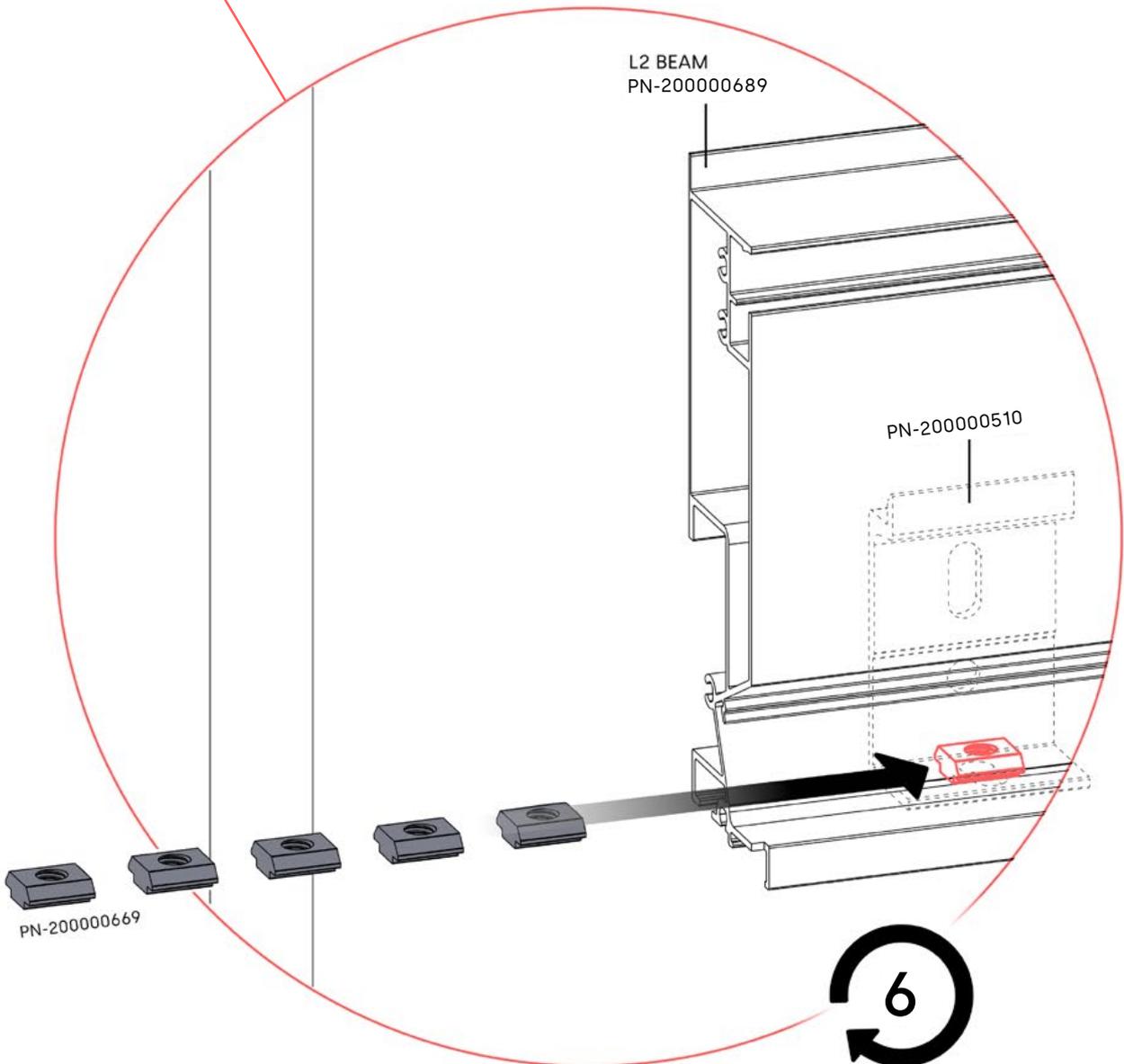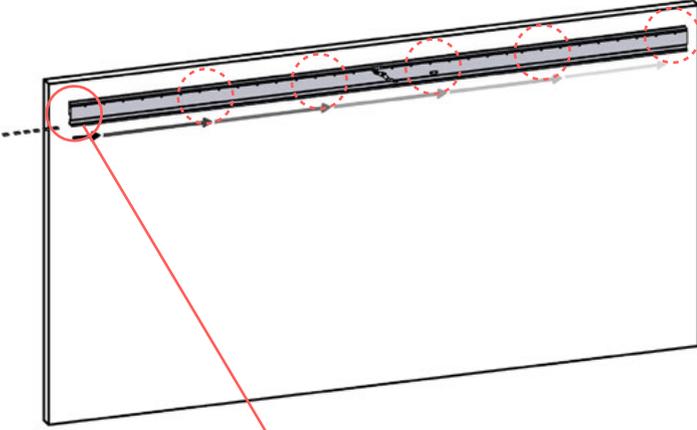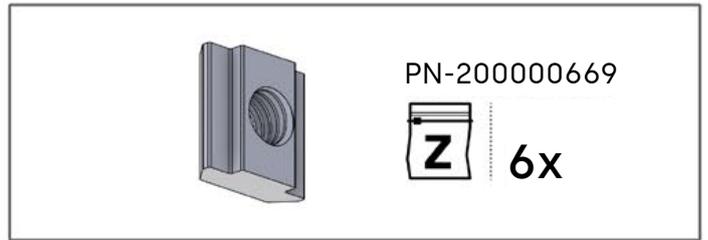
1x

PN-200000689

PN-200000510

7

PN-200000669

Z | 6x

L2 BEAM
PN-200000689

PN-200000510

PN-200000669

6

8

8x12
5/16" x 1/2"

PN-200000655

z | 6x

PN-200000510

PN-200000669

PN-200000655

PN-200000655

6

29

9
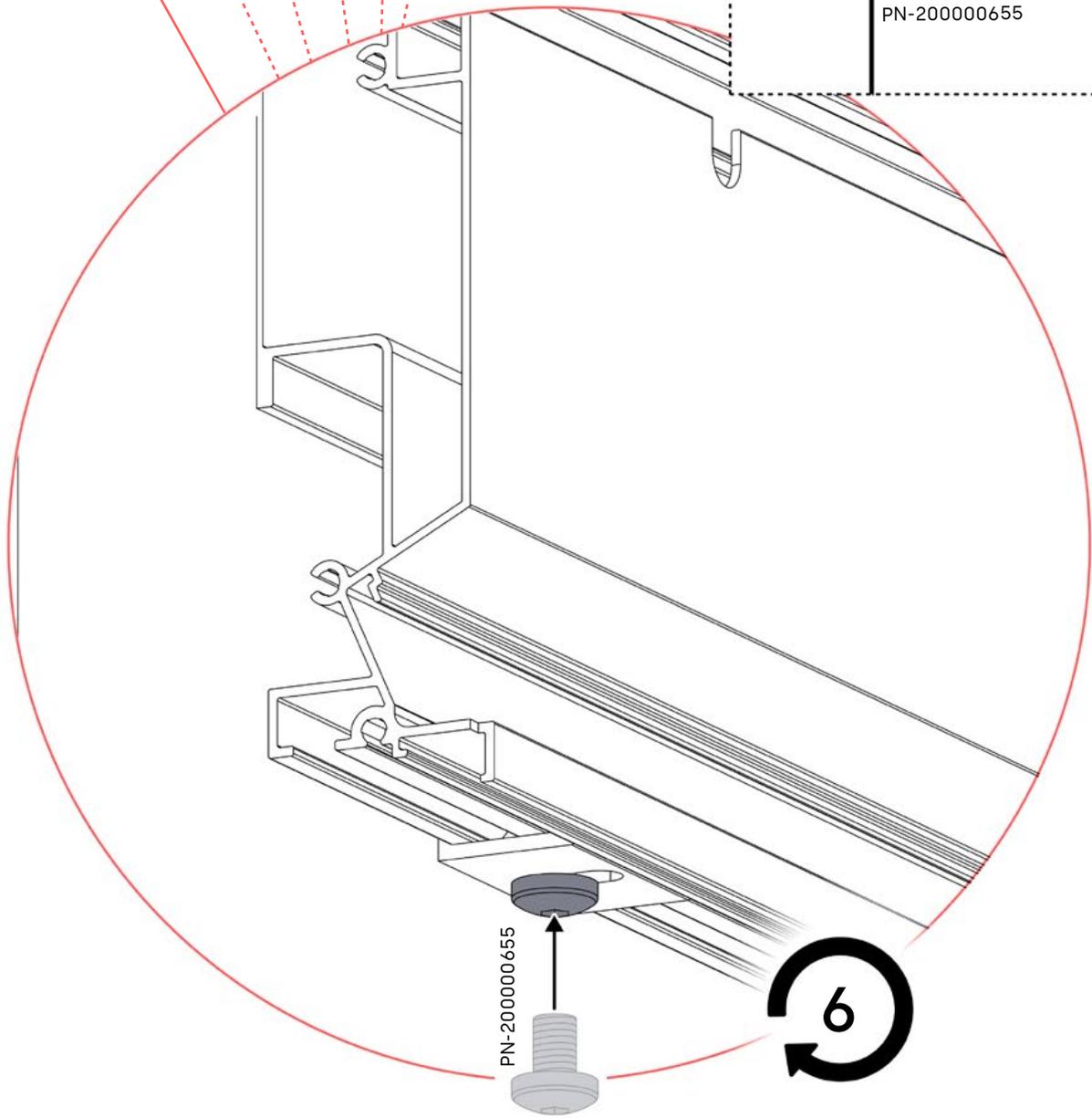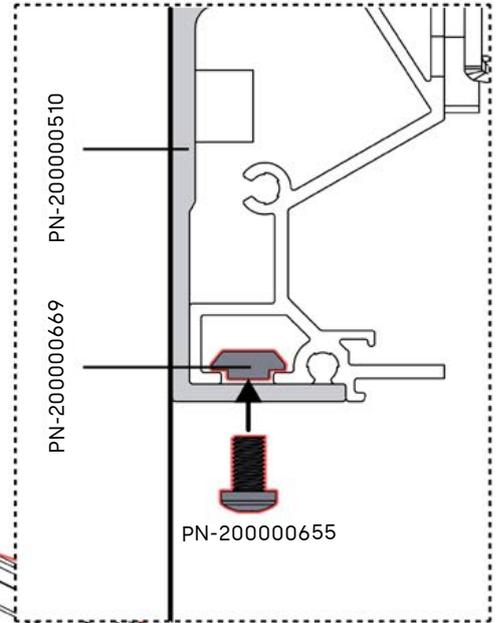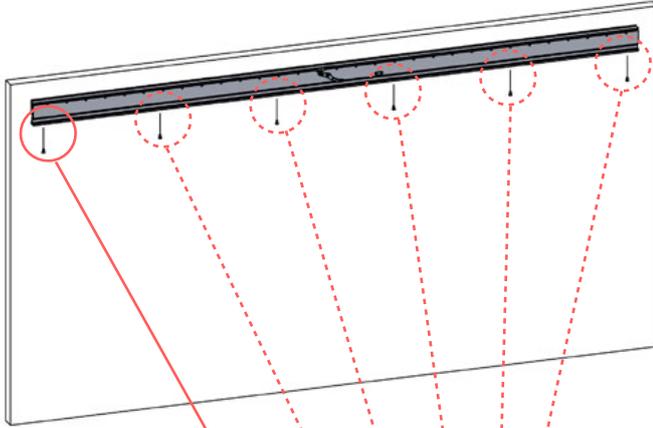
PERGOLUX ③

ANTHRACITE: **B125**
WHITE: **B137**
BLACK: **B149**

W BEAM
PN-200000672
2x

PN-200000565
X | **2x**

5.5x50
7/32" x 2"

PN-200000568
E | **8x**

PN-200000568

↺ 2

30

10

PN-200000559
2x

5.5x50
7/32" x 2"

PN-200000568
E 8x

PN-200000568

PN-200000672

PN-200000559

PN-200000568

2
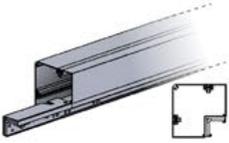
11

5.5x50
7/32" x 2"

PN-200000568

E 8x

PN-200000568

PN-200000568

12

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

BEAM WITH **PERGOLUX** LOGO

PN-200000690

1x

5.5x50
7/32" x 2"

PN-200000568

E | **8x**

PN-200000568

PN-200000568

2

13

PERGOLUX **2**

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

6x20
1/4" × 3/4"

PN-200000658

J 8x

PN-200000658

2

34

14

PN-200000653

M | 2x

PN-200000653

PN-200000653

1

2

2

15

PN-200000648

U 2x

PN-200000648

PN-200000648

PN-200000648

1

2

2

16

PN-200000688
2x

PN-200000657
2x

PERGOLUX

PN-200000657

4

17

PN-200001861

TAPE 8x

PN-200001861

PN-200001861

4
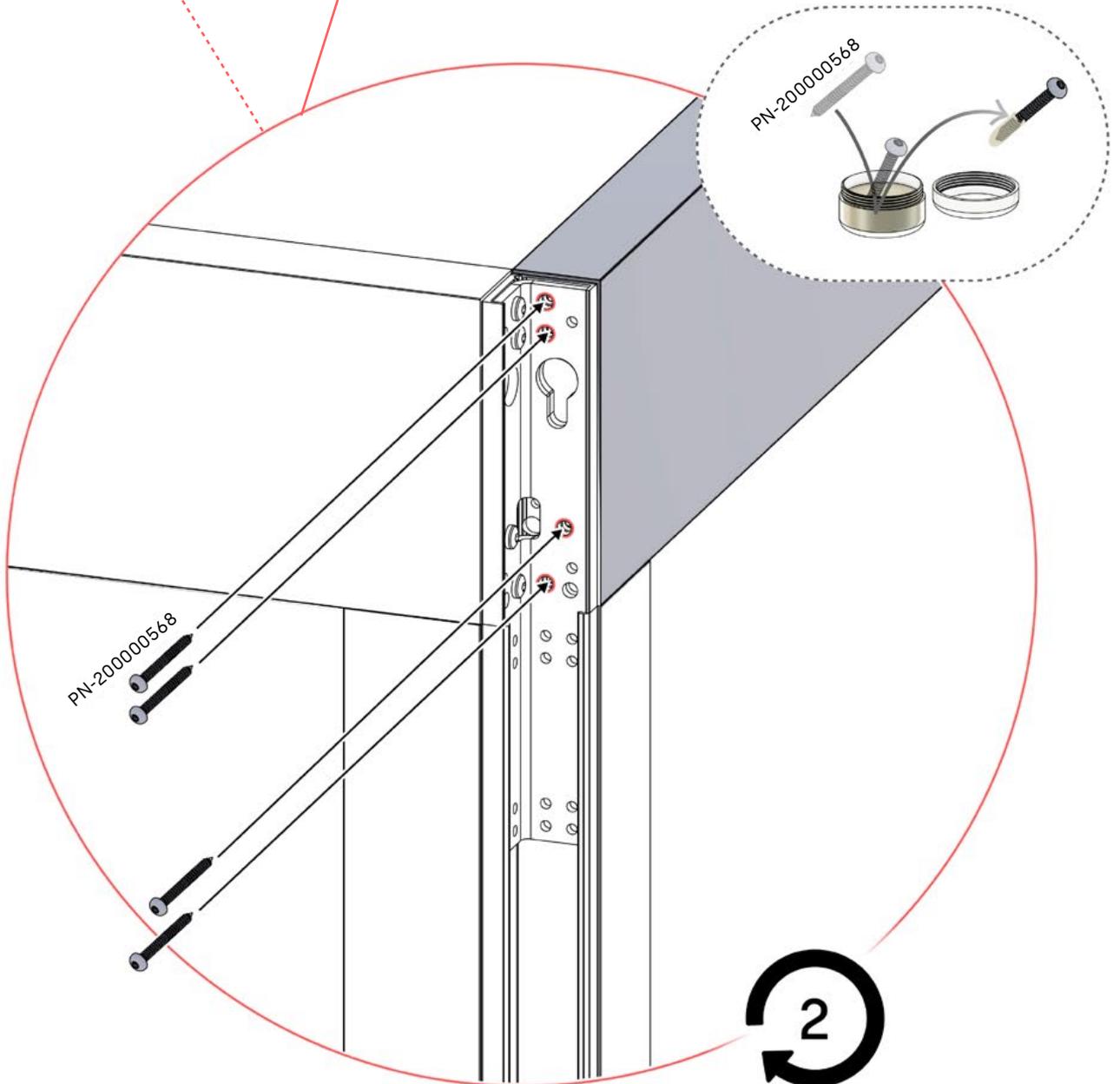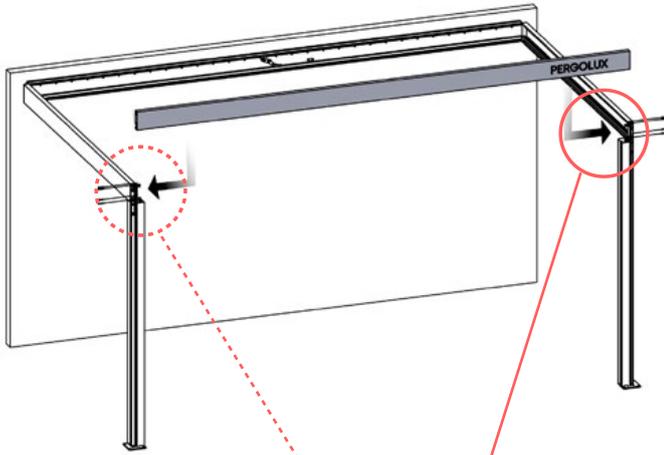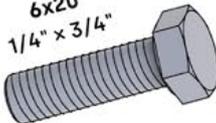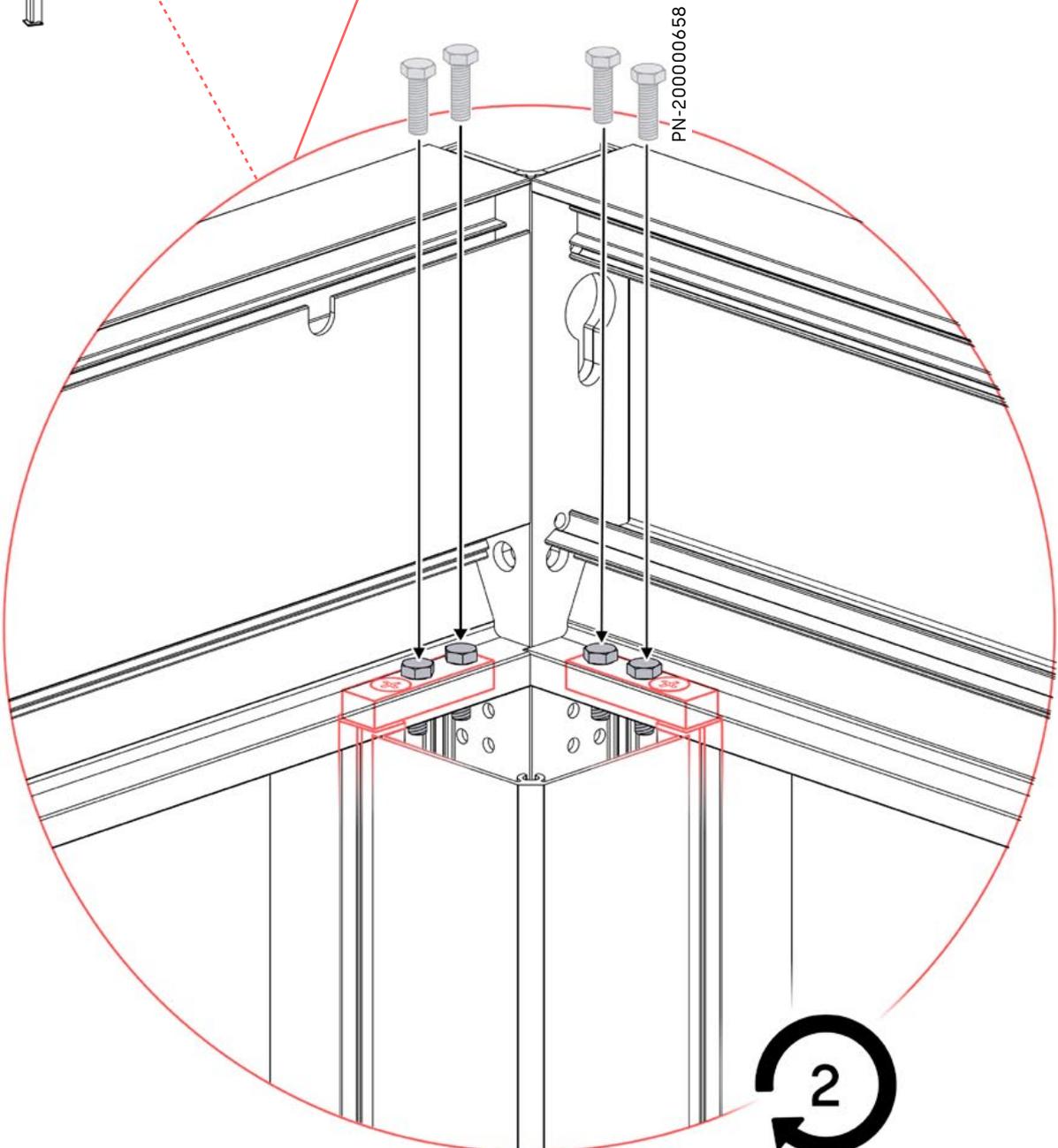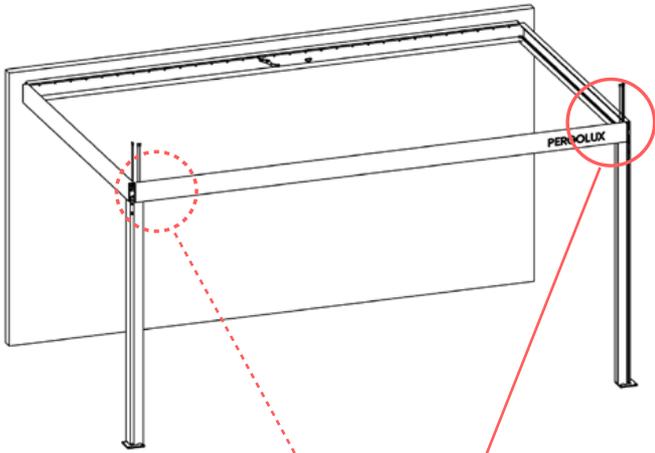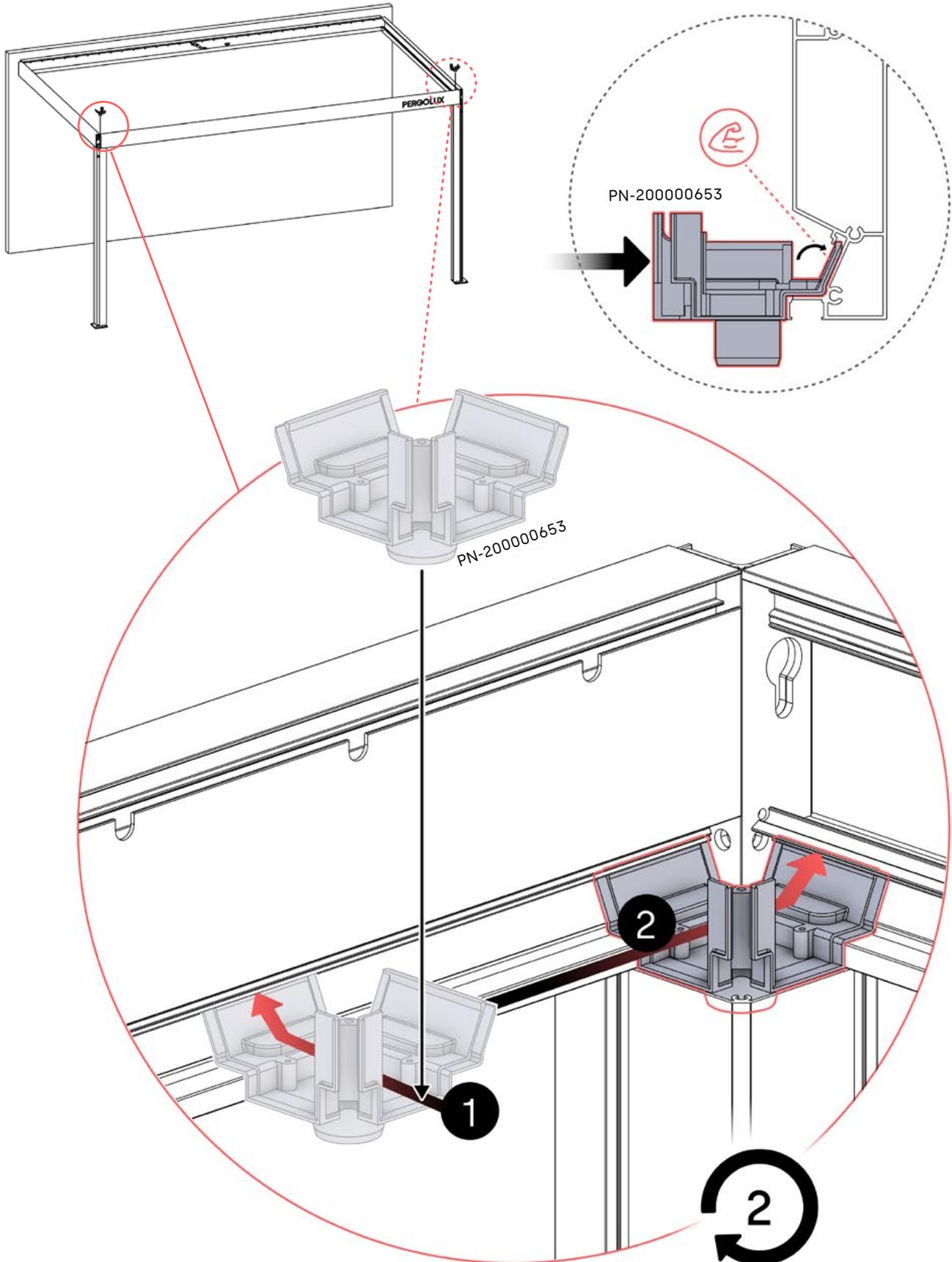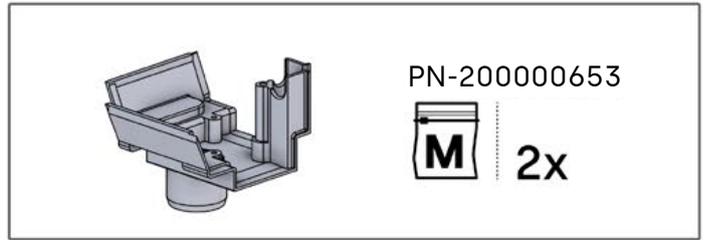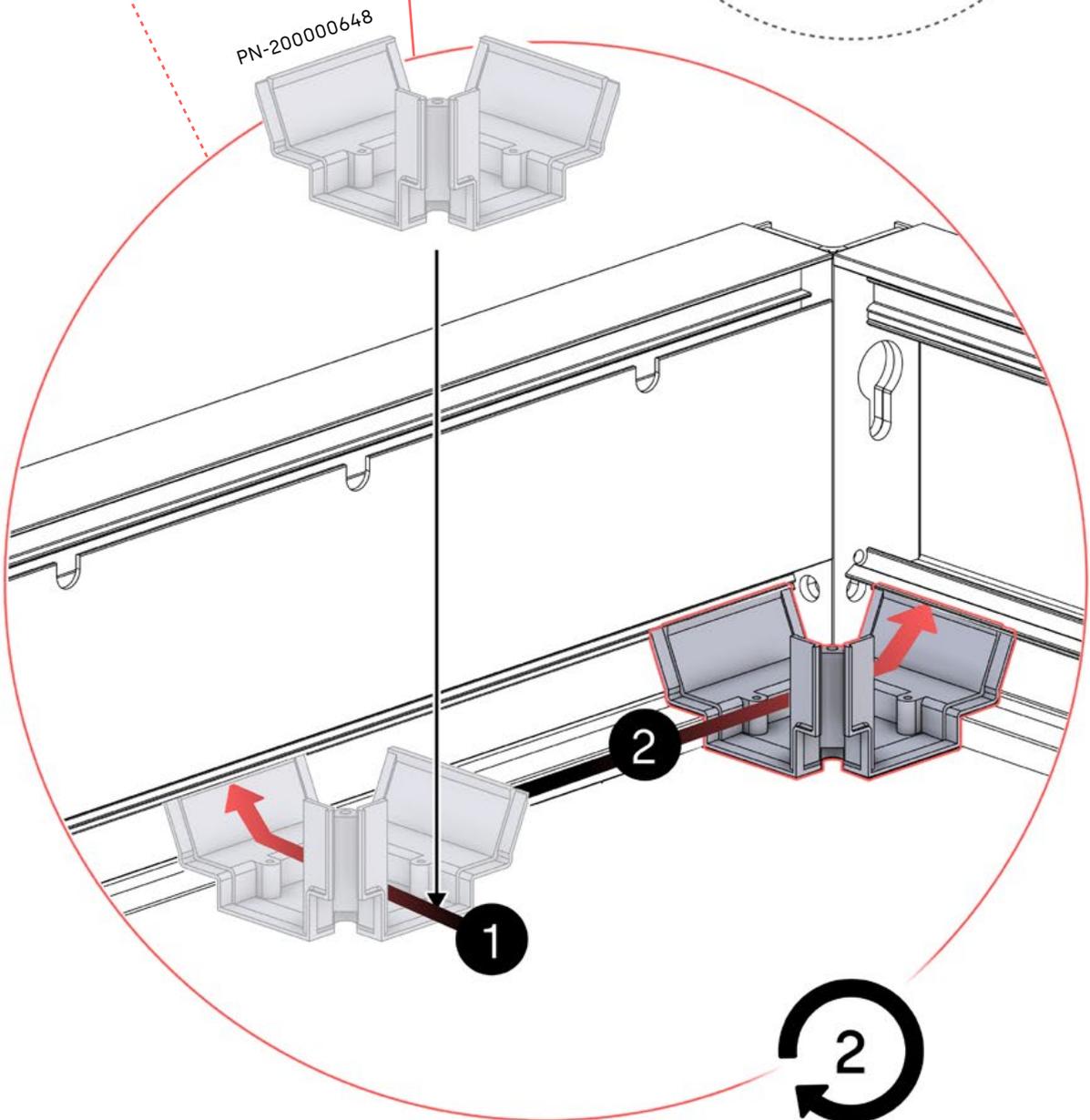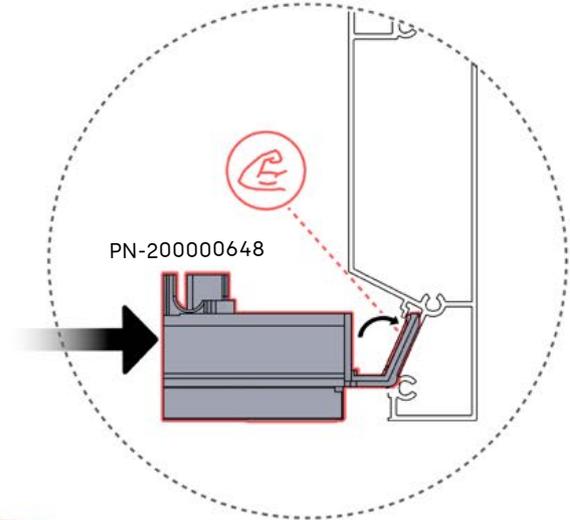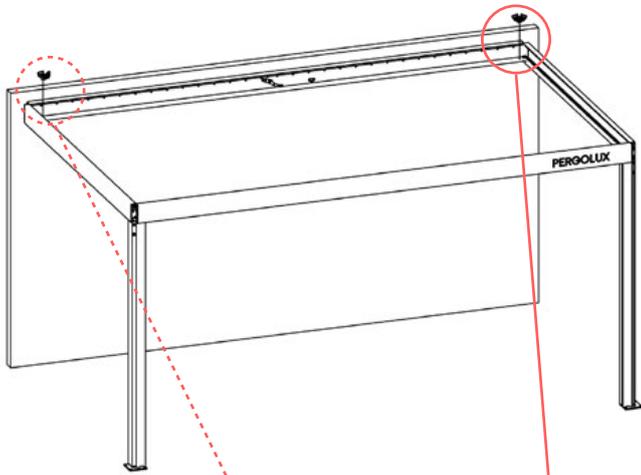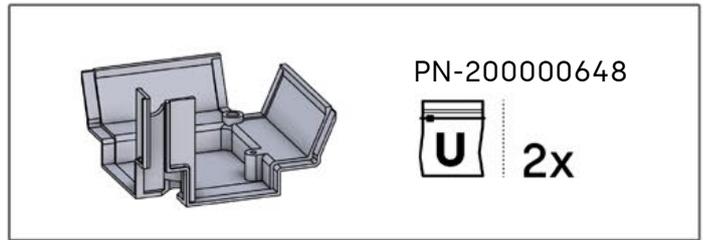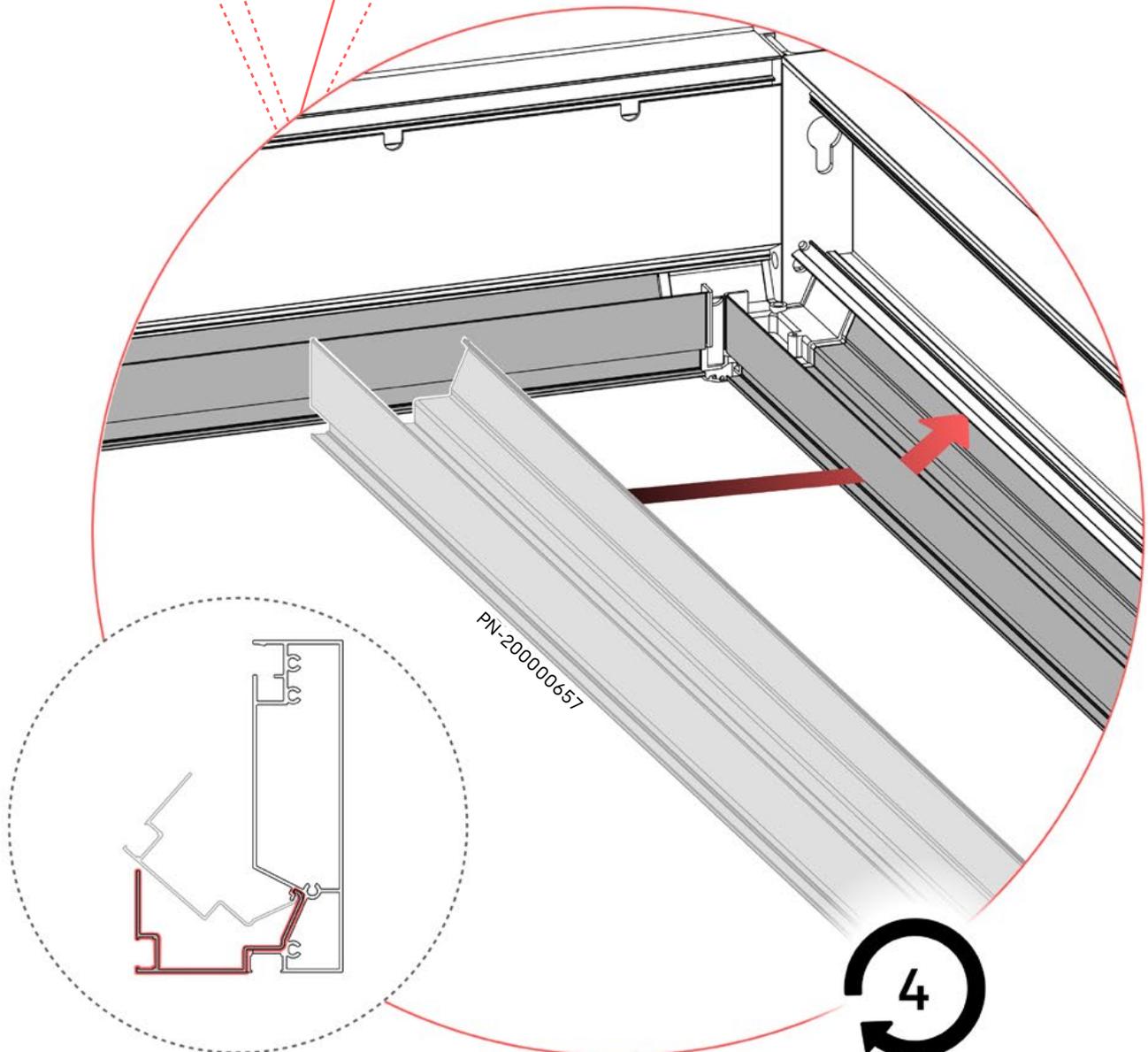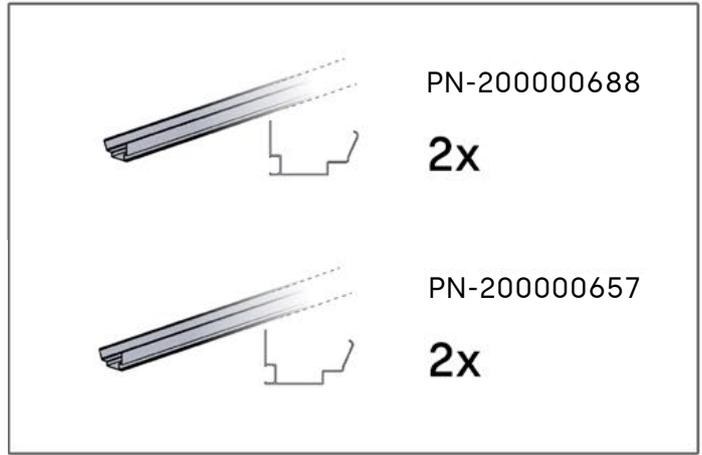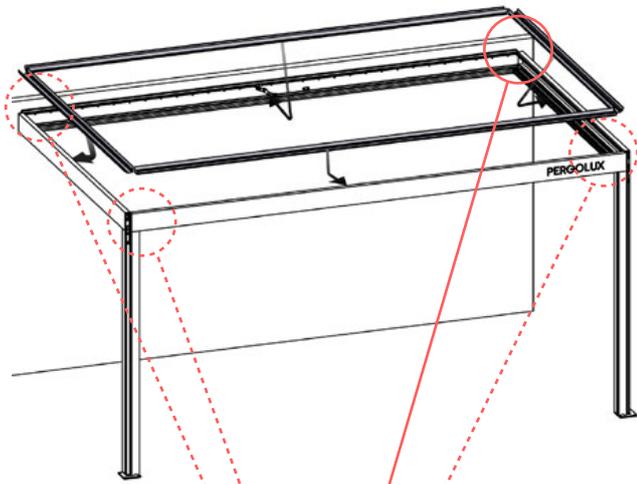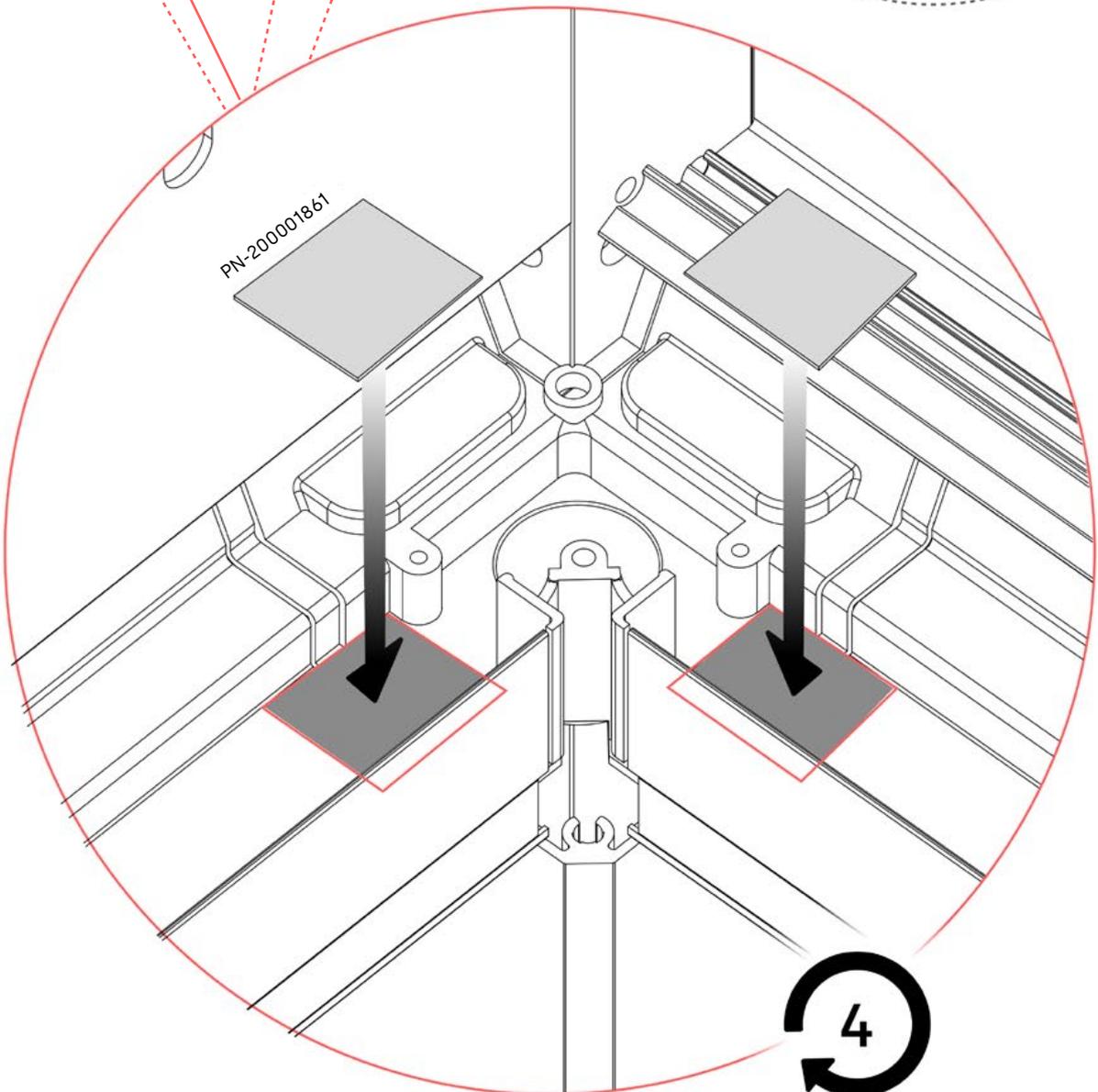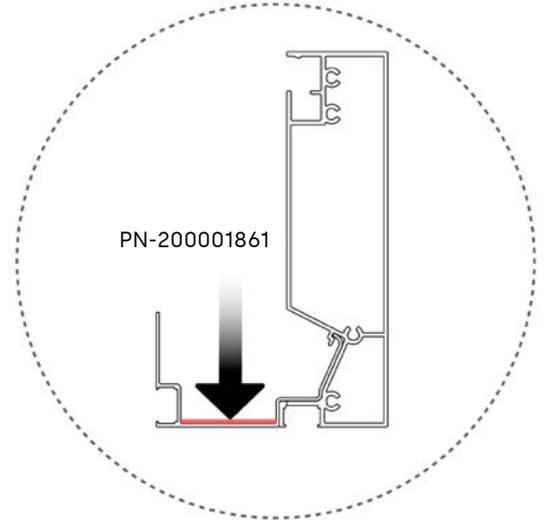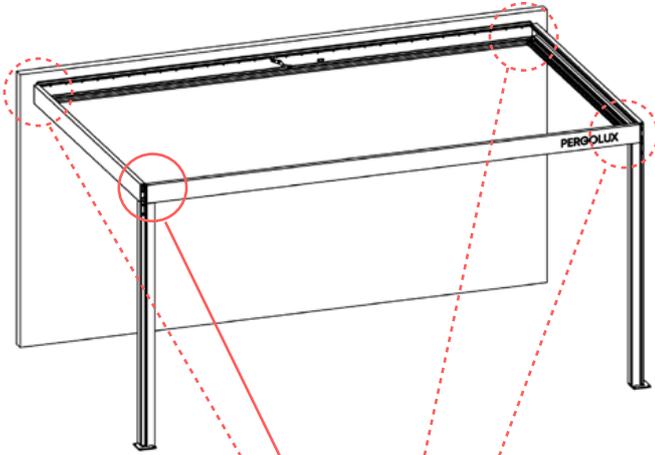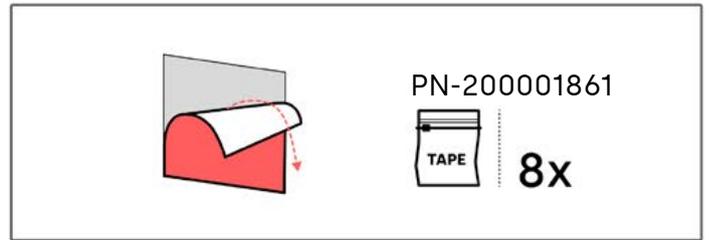
18

PN-200000650

L 4x

3.5x12
9/64" x 1/2"

PN-200000660

M 8x

PN-200000660

PN-200000650

4
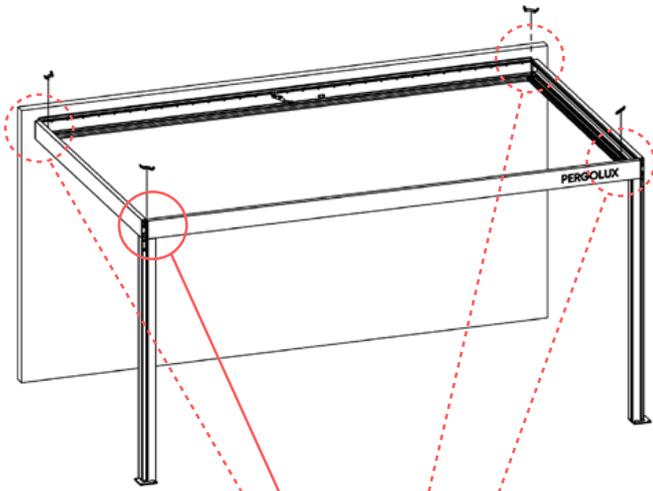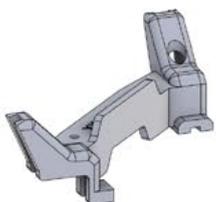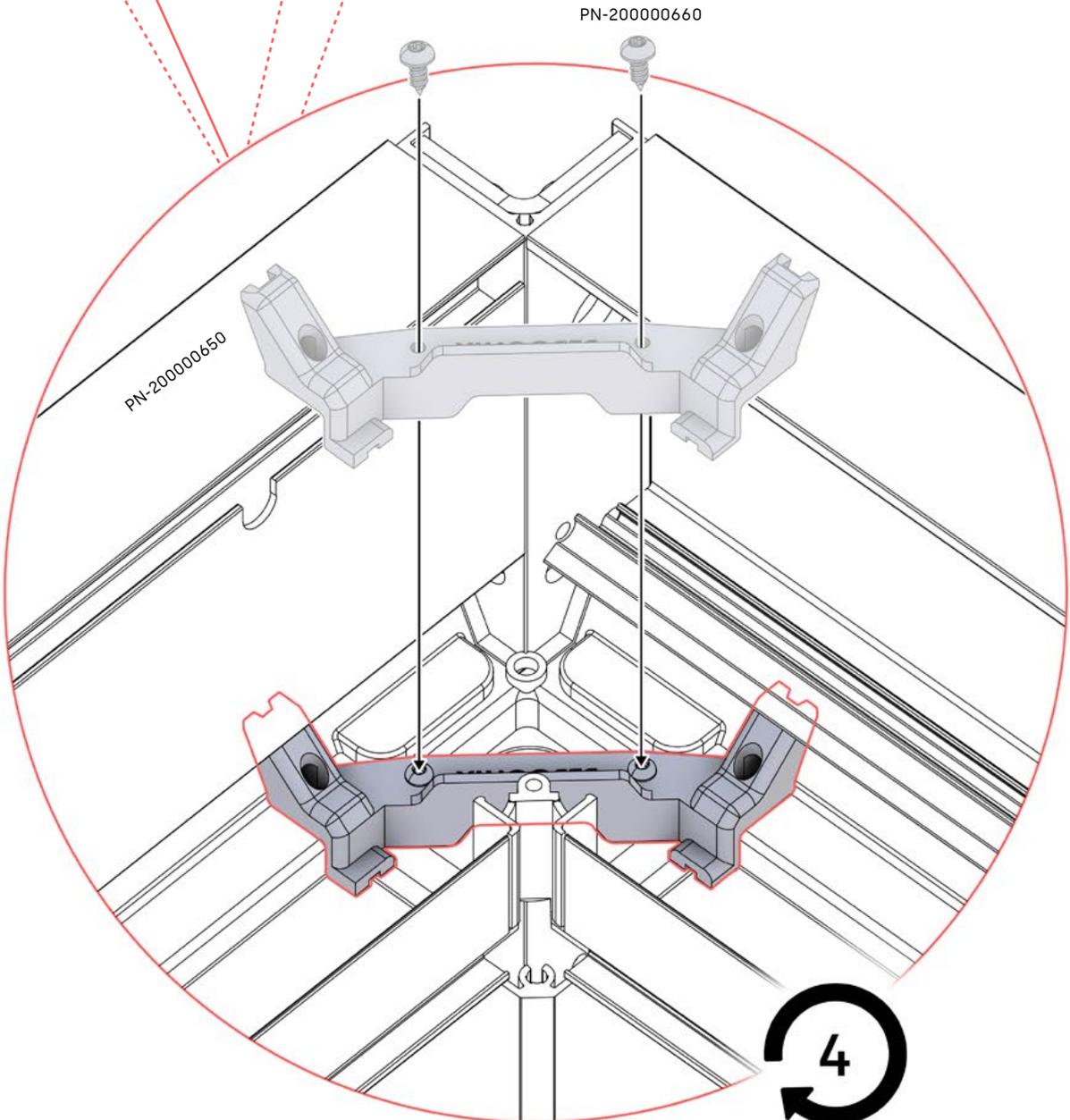
Have you ordered LED-Lights?

Now is the time to start the assembling. ⚒

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

19

PN-200000647

| V | 2x |

PN-200000662

| U | 2x |

PN-200000662

PN-200000662

PN-200000647

PN-200000647

2

20

PN-200000649
W 2x

PN-200000652
O 2x

5.5x48

PN-200000663
O W 4x

PN-200000663

PN-200000652

4

21

Use enough
silicone and
press until the
silicone
comes out

PN-200000652

SHOP

PERGOLUX

4

22

PERGOLUX

(6)

MANUAL MOTOR

Manual motor
PN-200001563
1x

PN-200001623

1x

PN-200001623
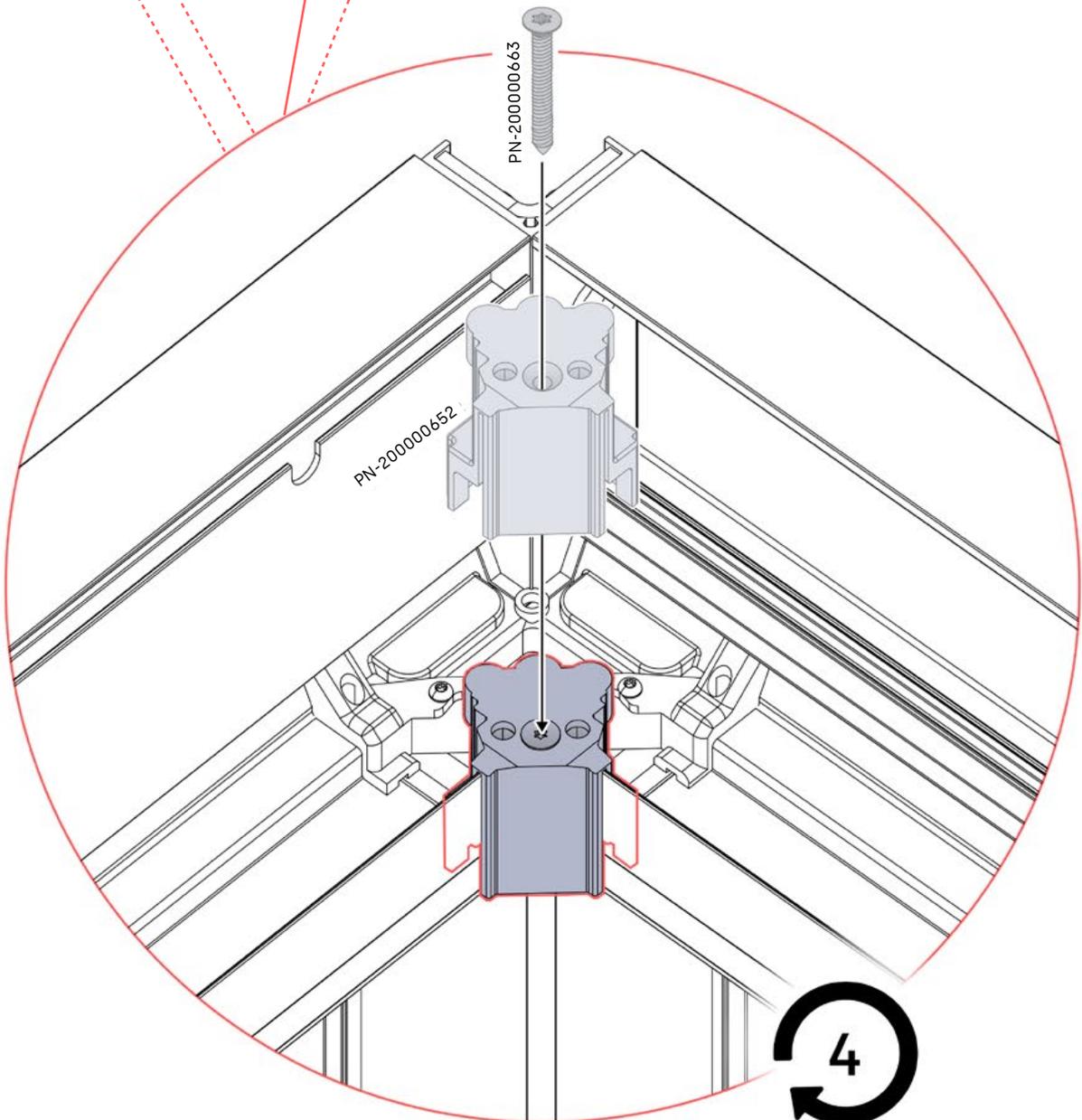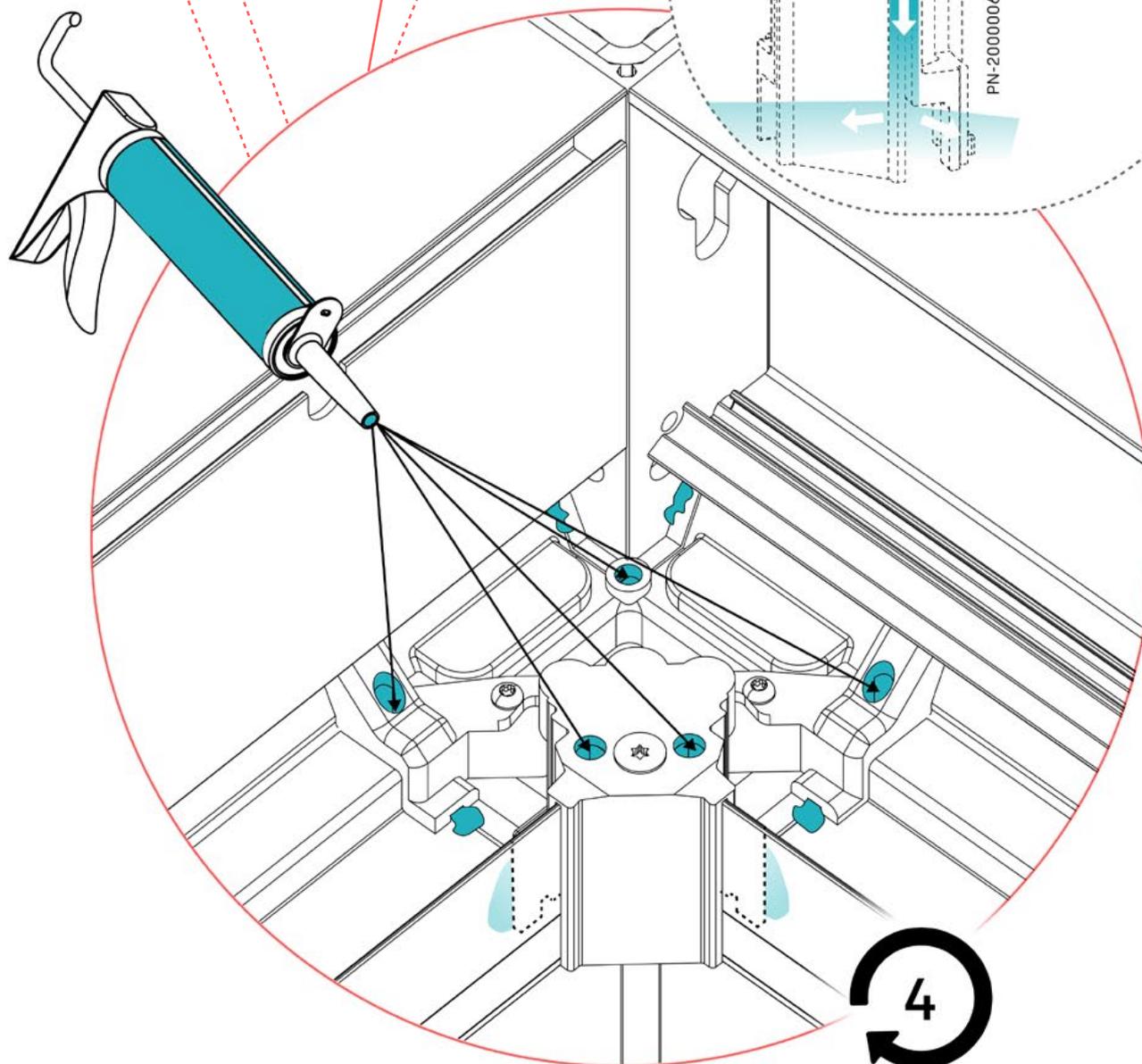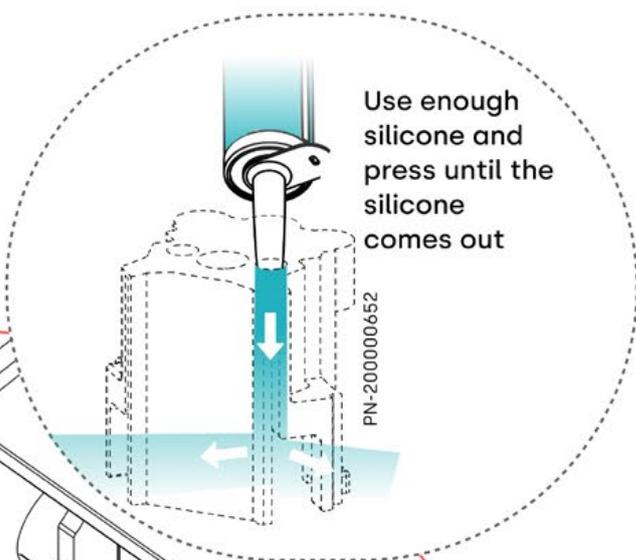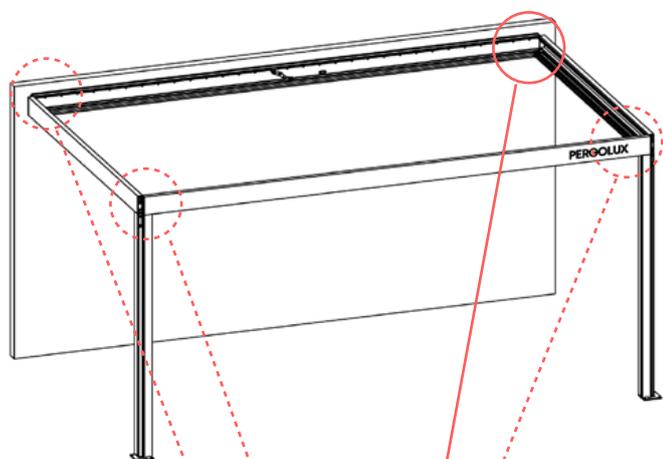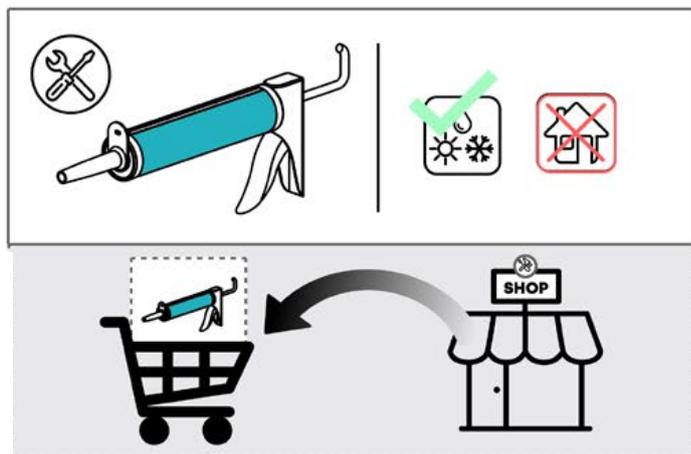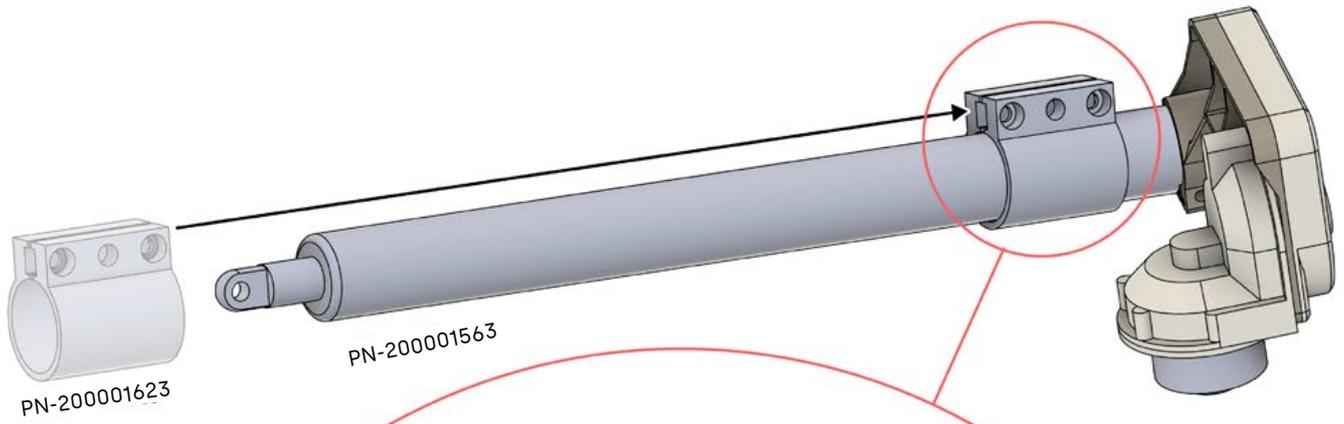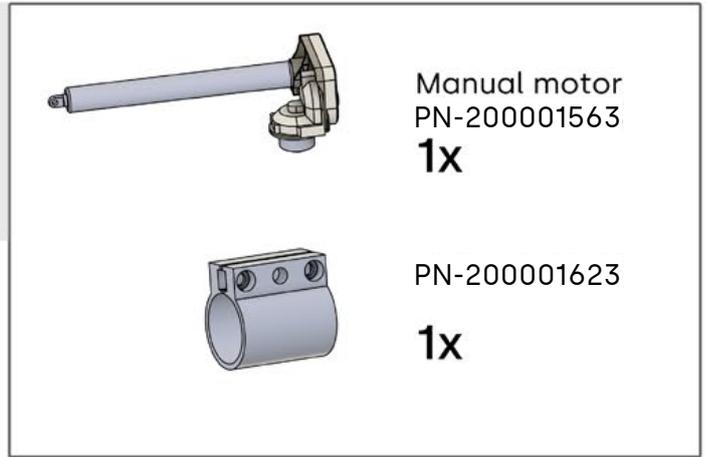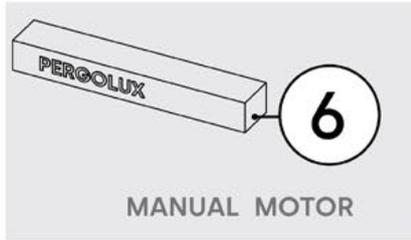
PN-200001563

23
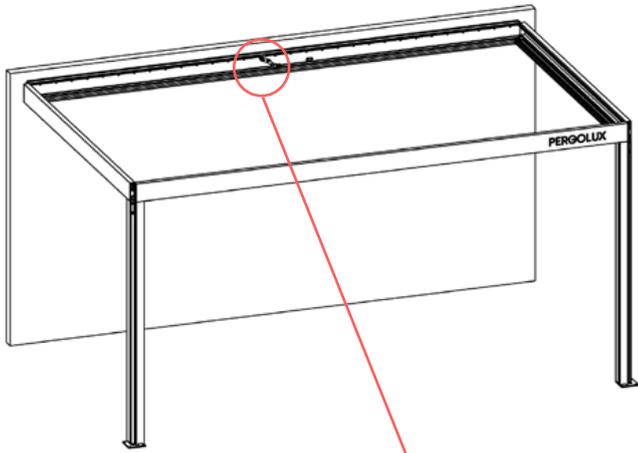
PN-200001563
PN-200001334
1x

8x25
5/16" × 1"
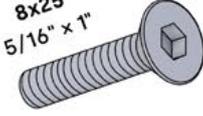
PN-200001334
1x

PN-200000969
1x

PERGOLUX

PN-200001334

PN-200001563

PN-200000969

24

PN-200001625

2x

PN-200001624

1x

PERGOLUX

PN-200001563

PN-200001625

PN-200001624

PN-200001625
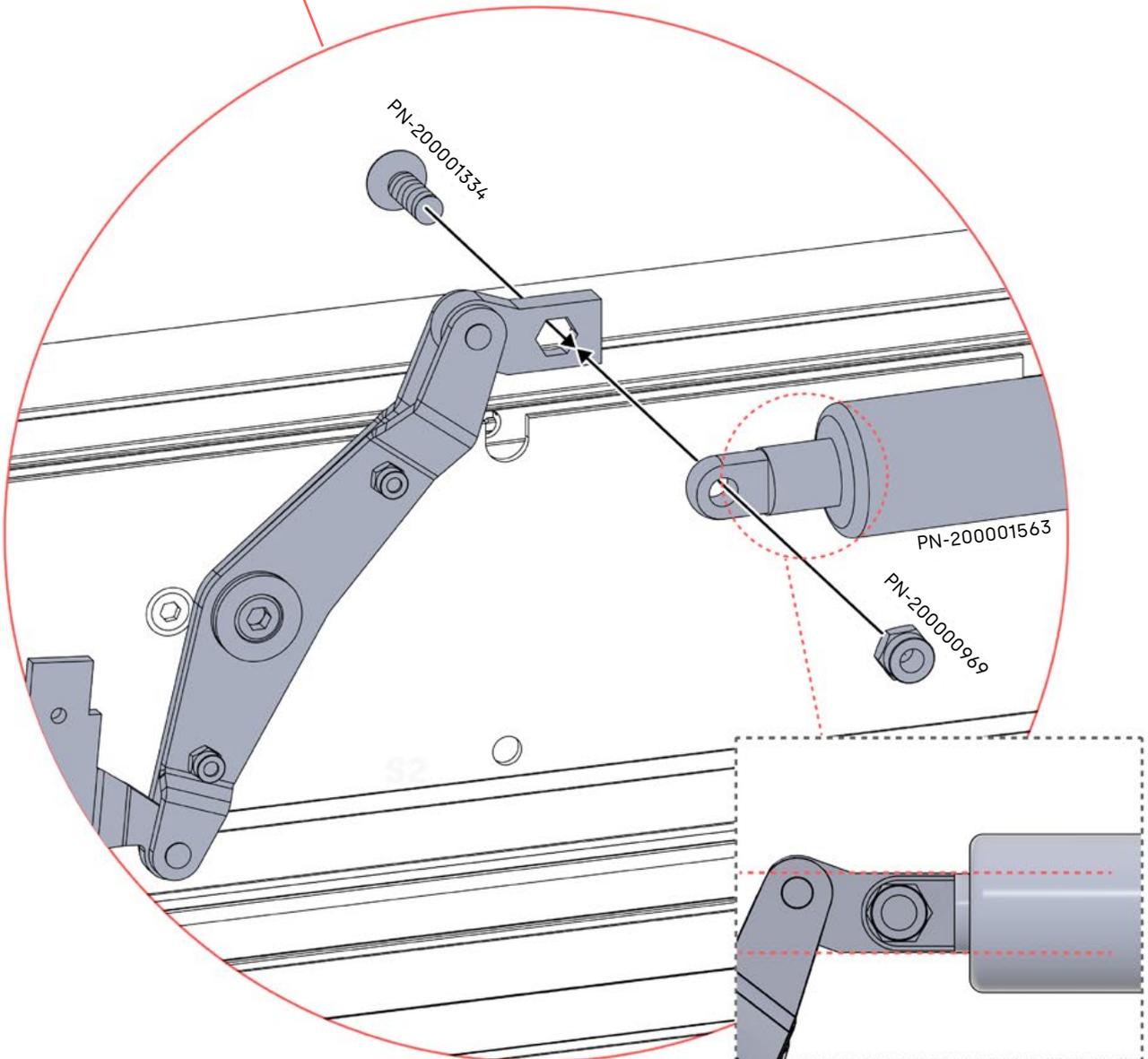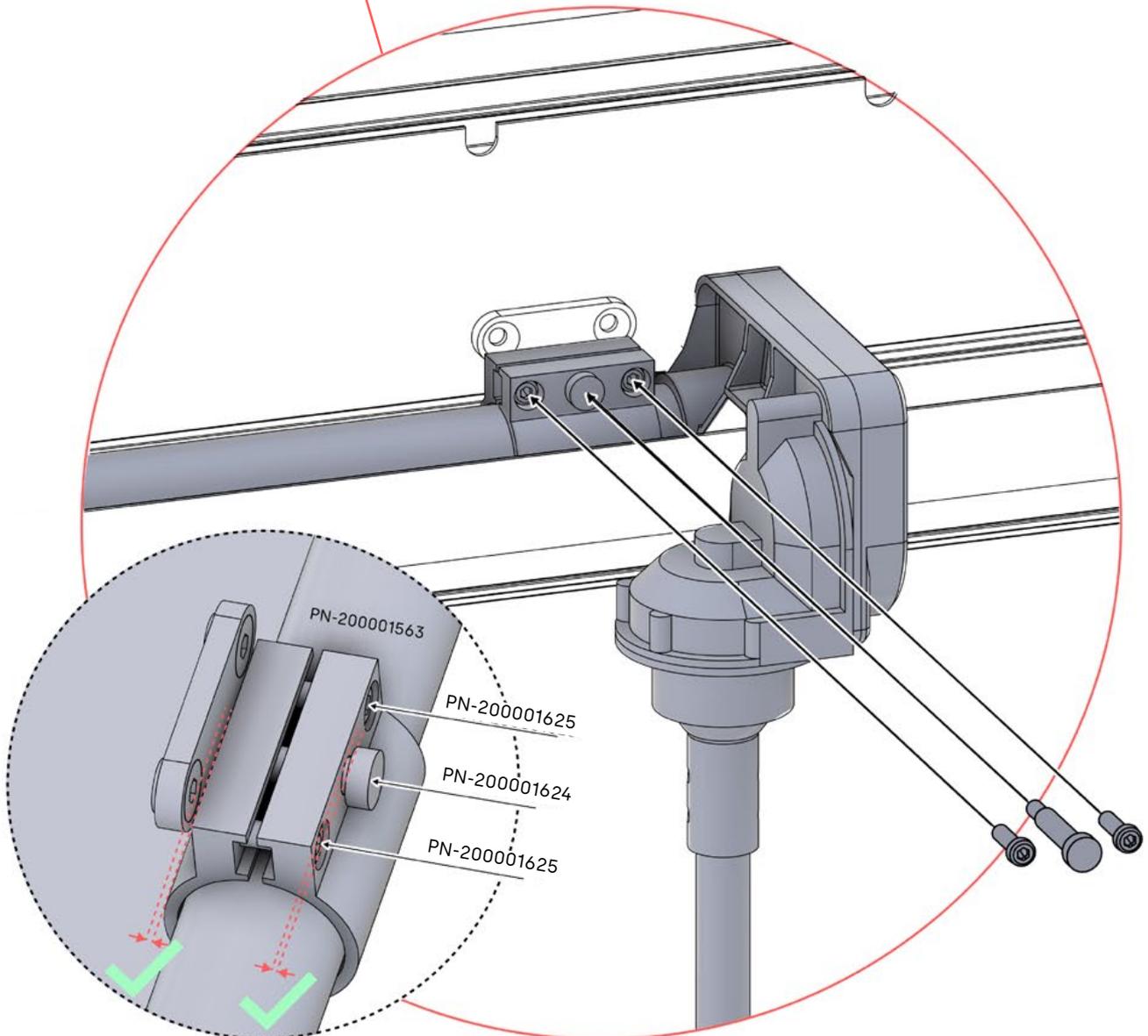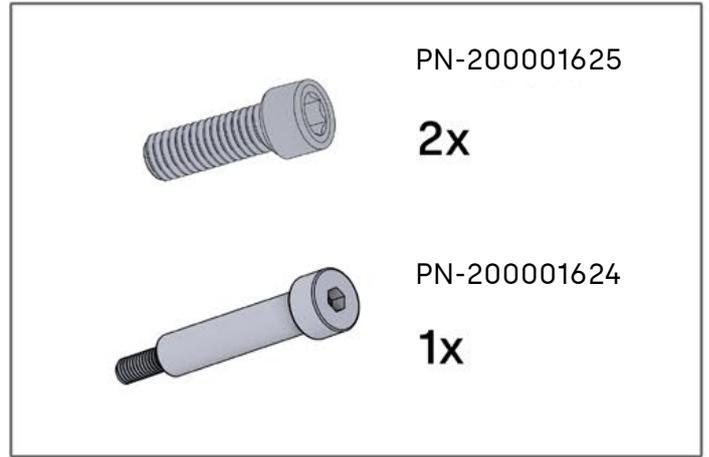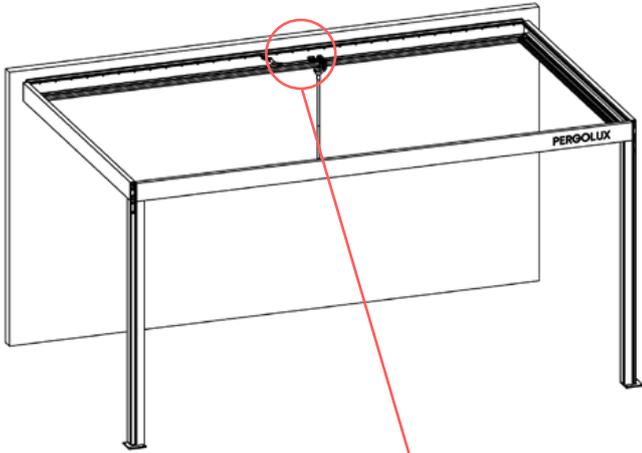
INPUTS AND OUTPUTS

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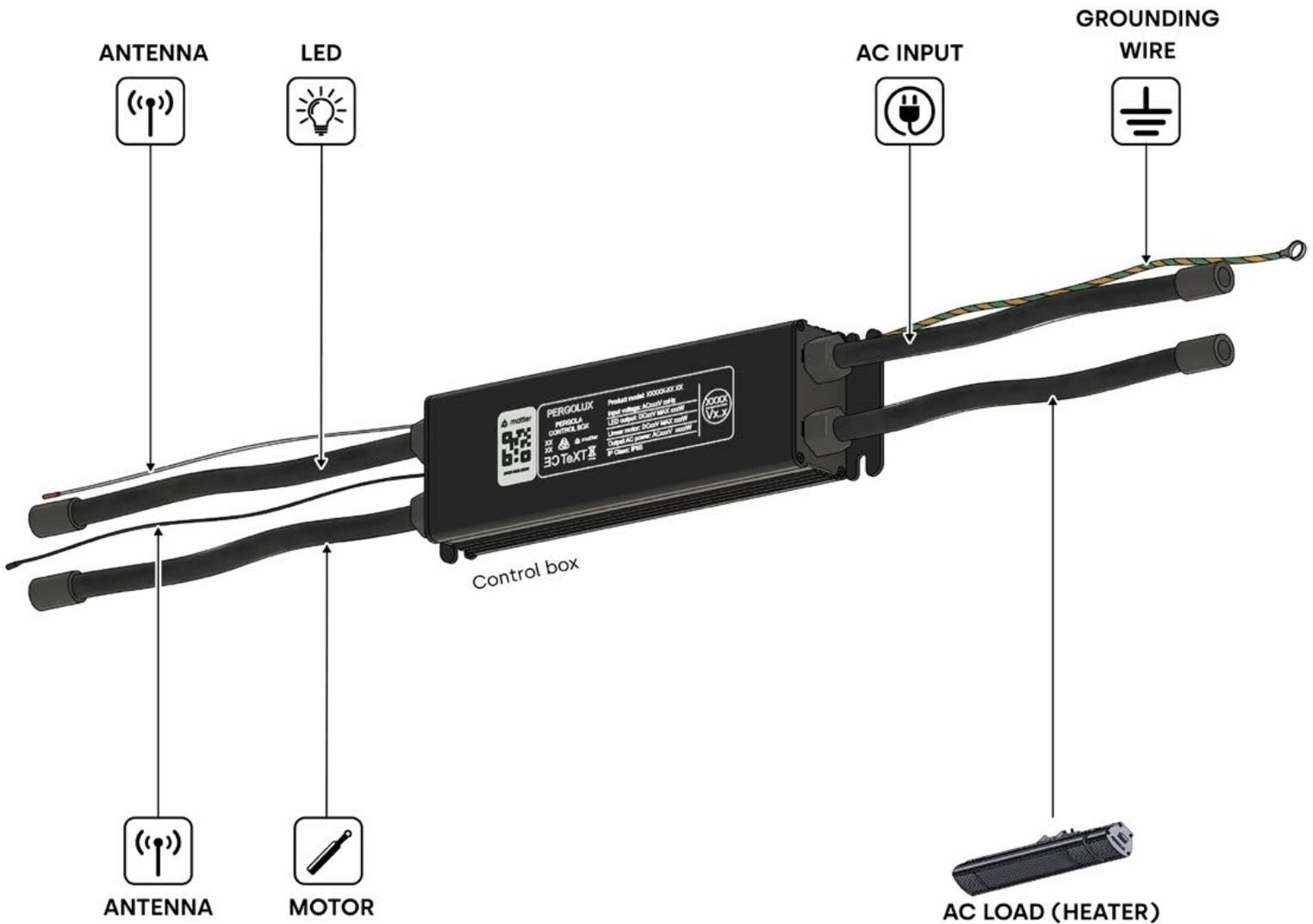
ANTENNA

LED

GROUNDING WIRE

AC INPUT

Control box

ANTENNA

MOTOR

AC LOAD (HEATER)

25

PERGOLUX — (7)

CONTROL BOX

Control box

1x

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

ℹ️

26

Connect grounding wire before connecting to power!

GROUNDING

27

PERGOLUX (8)

POWER CABLE

Power cable

1x

Power cable

28

Power cable
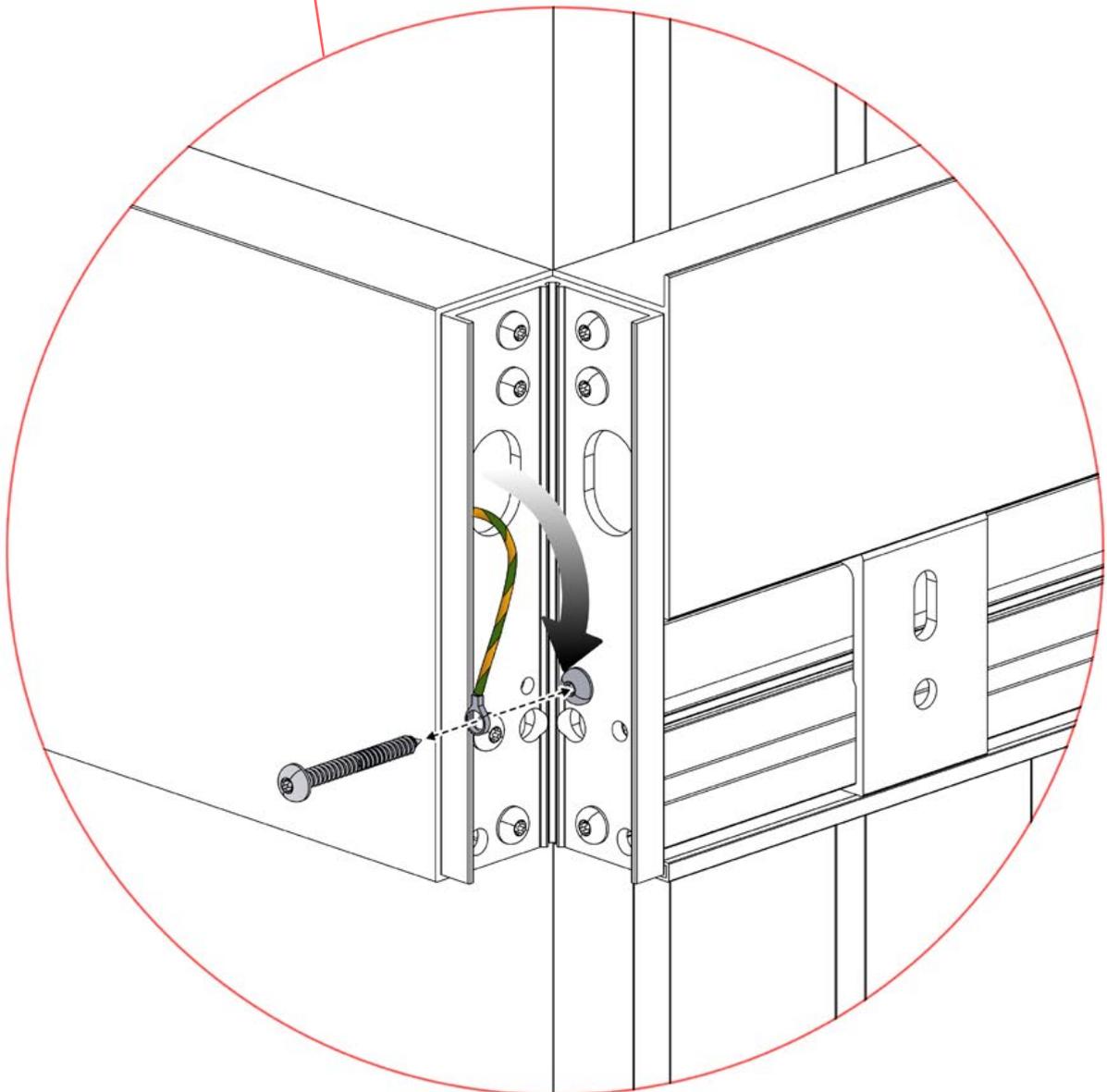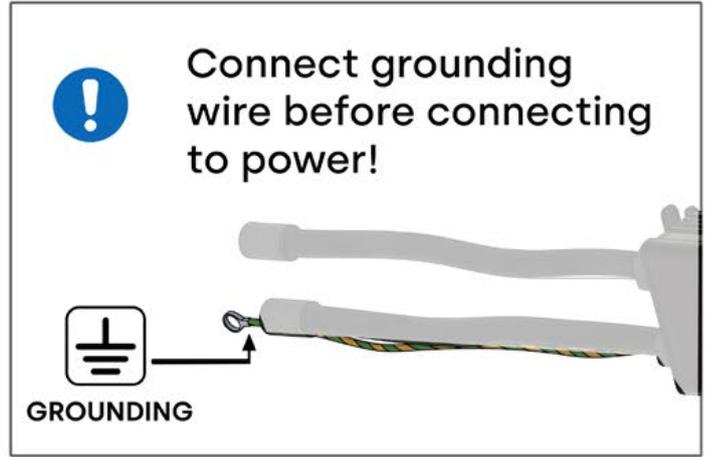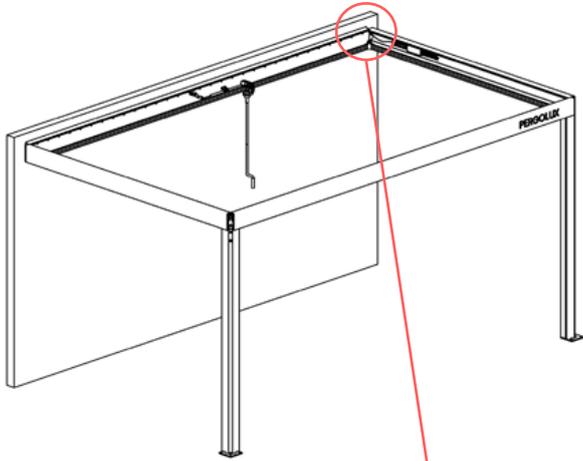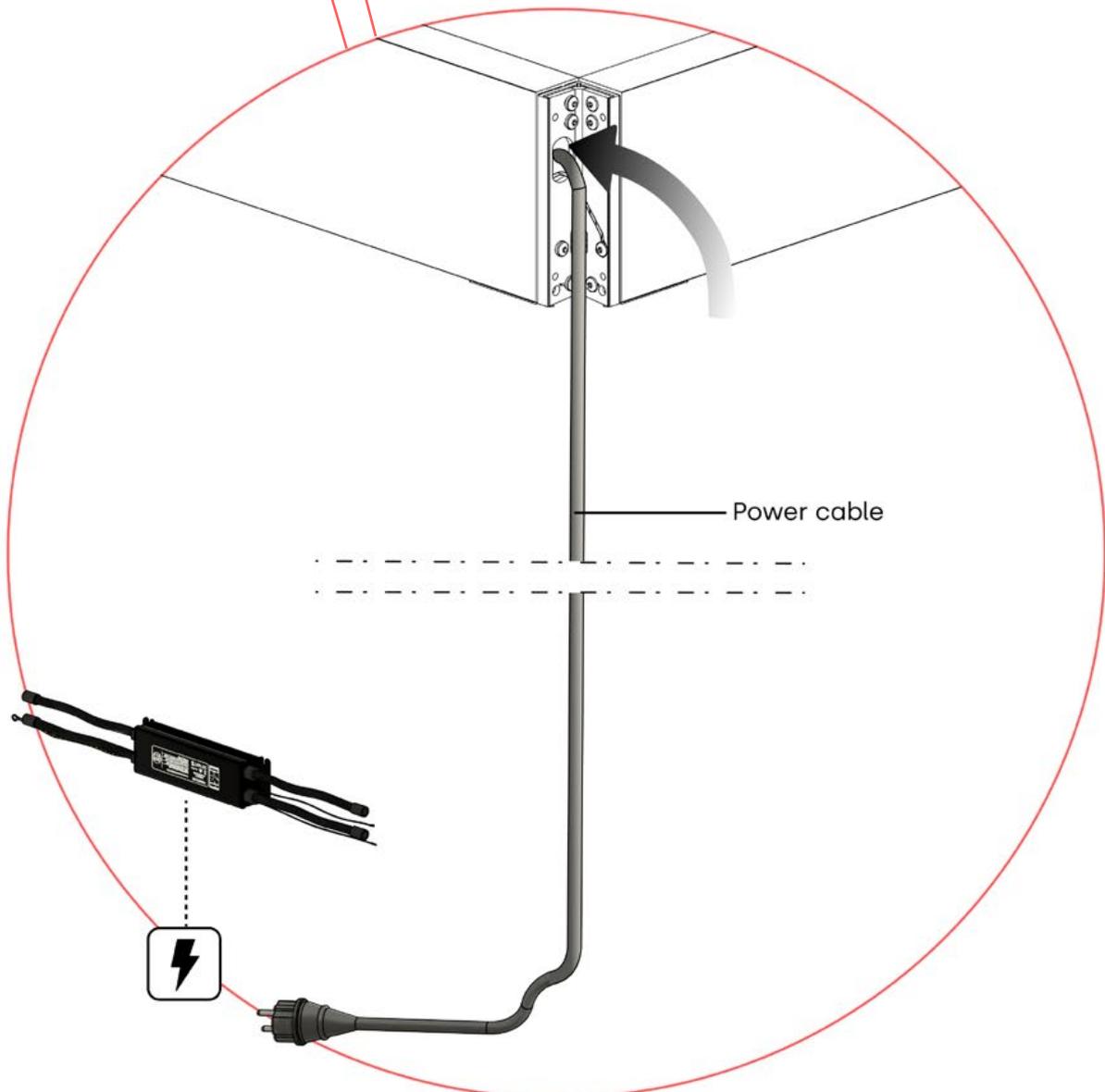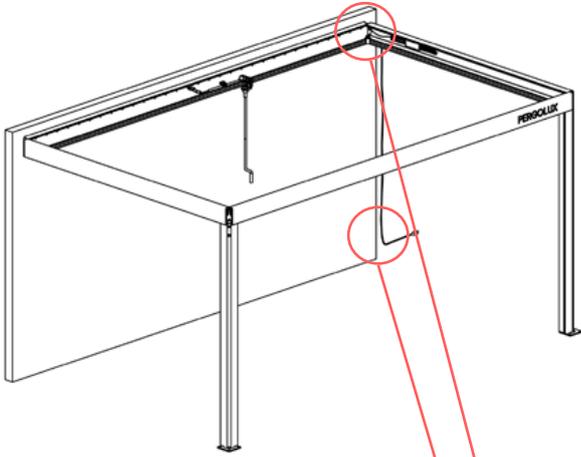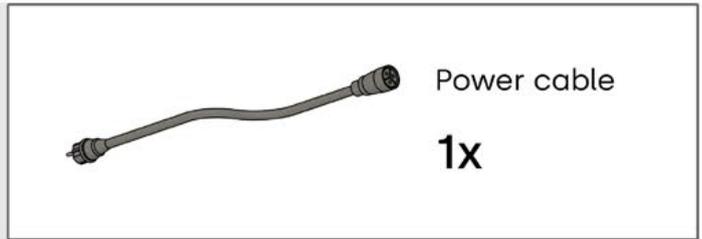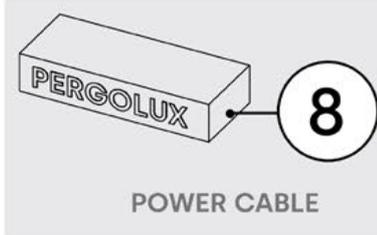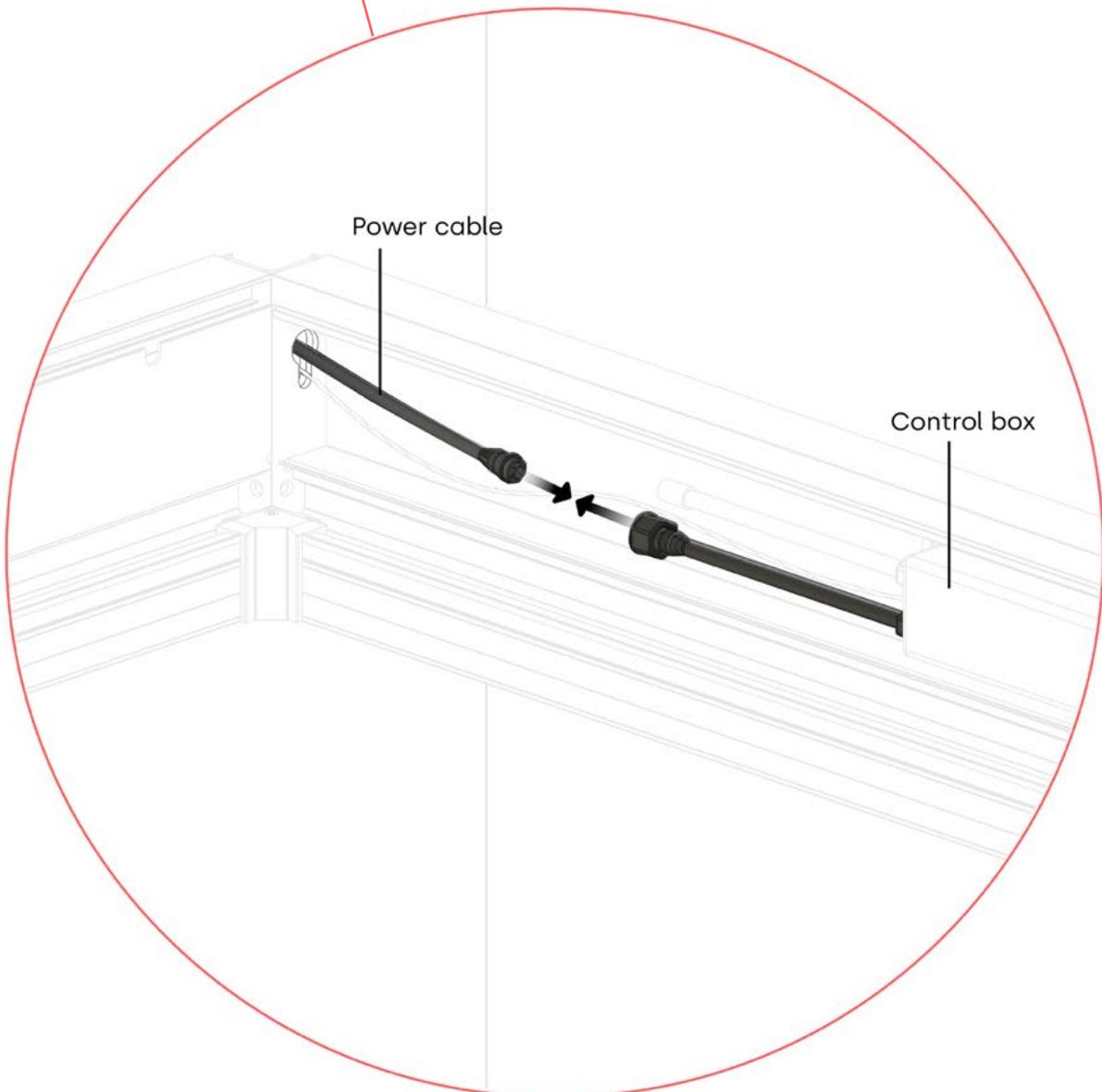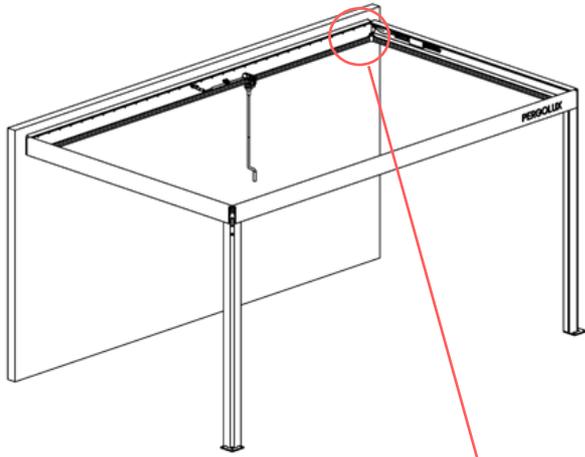
Control box

29

1

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

Follow the instructions in the heater assembly manual.
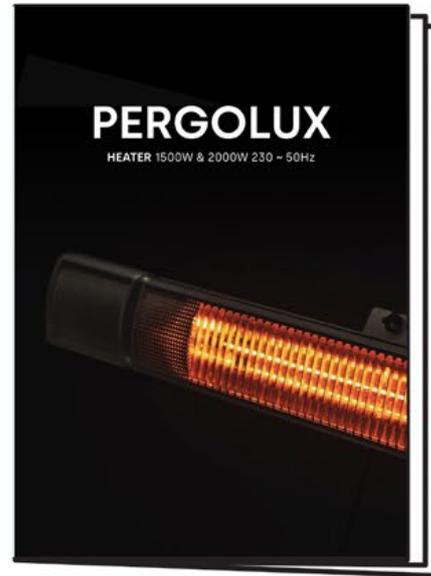
2

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

Follow the instruction in the assembly manual.

30

PERGOLUX — (7)

CONTROL BOX
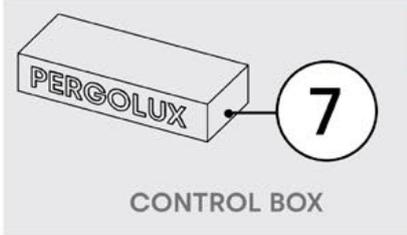
S3

PN-200002683

5x

PN-200002684

10x
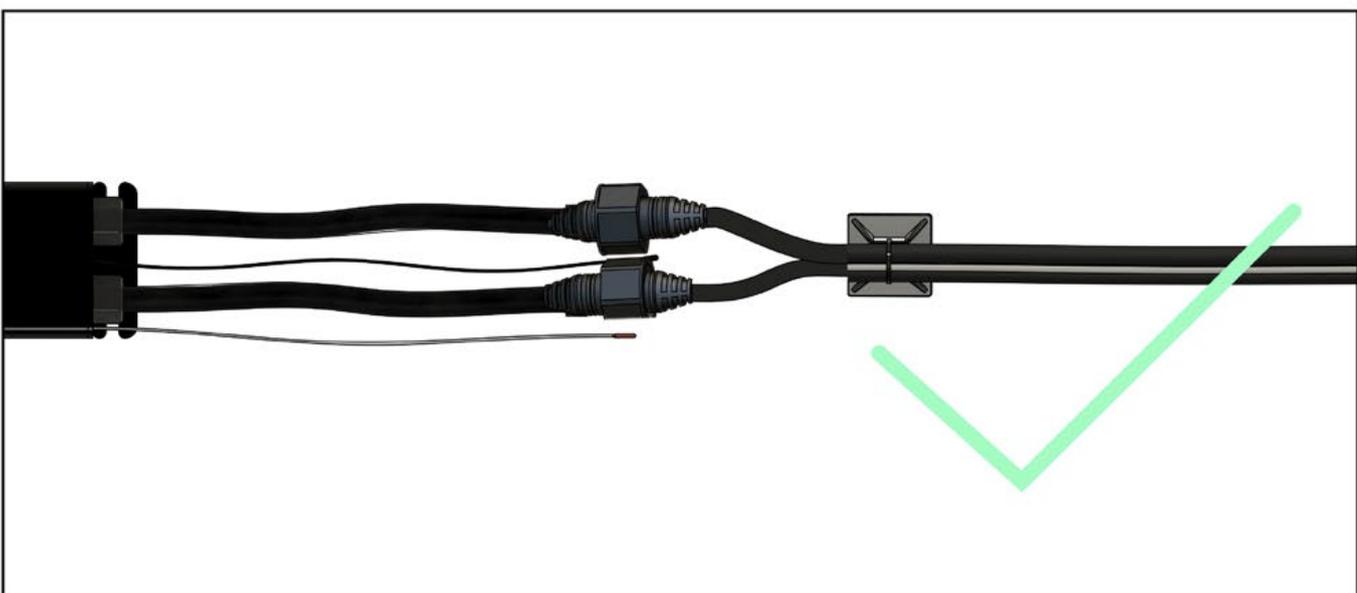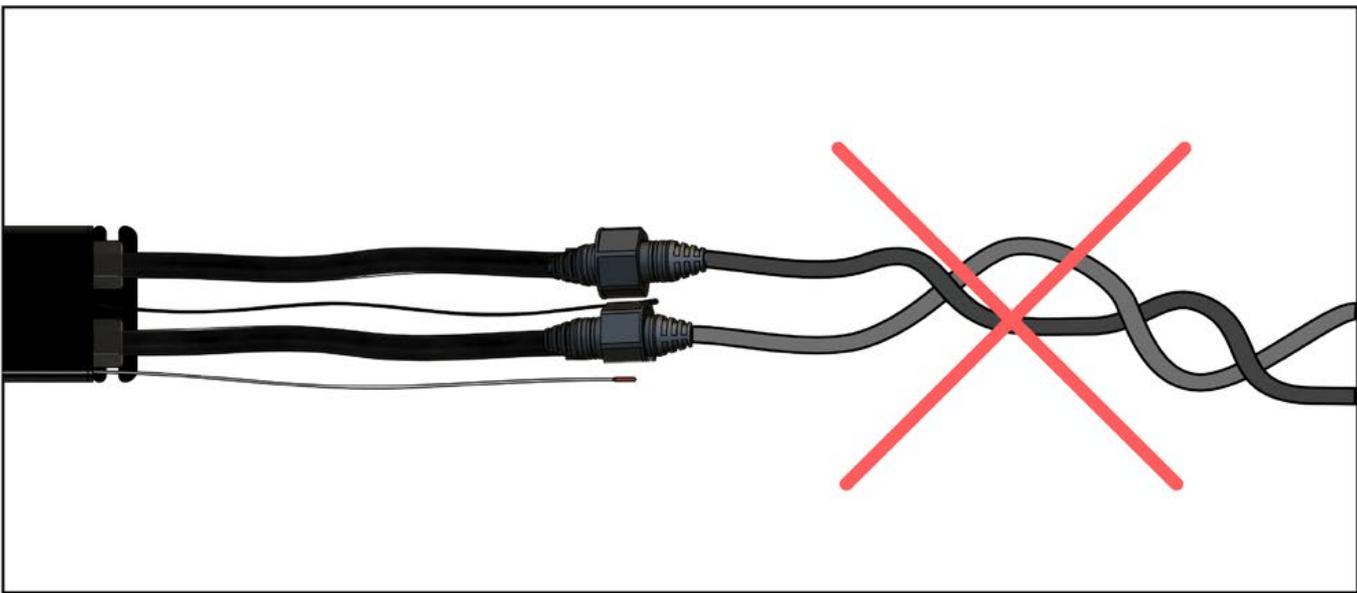
31

PERGOLUX
2

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

PN-200000598
1x
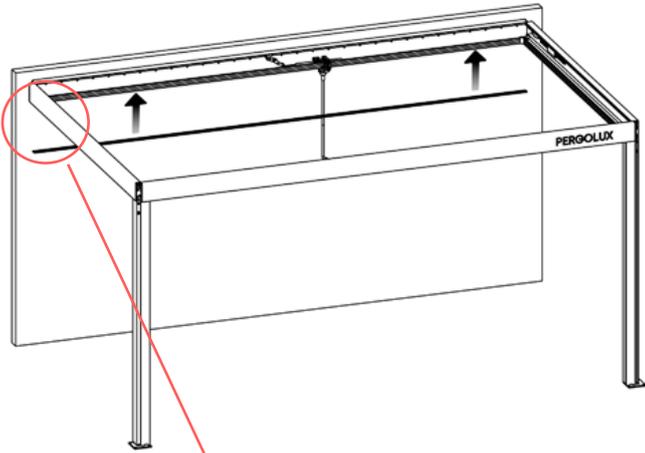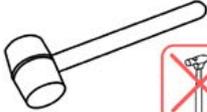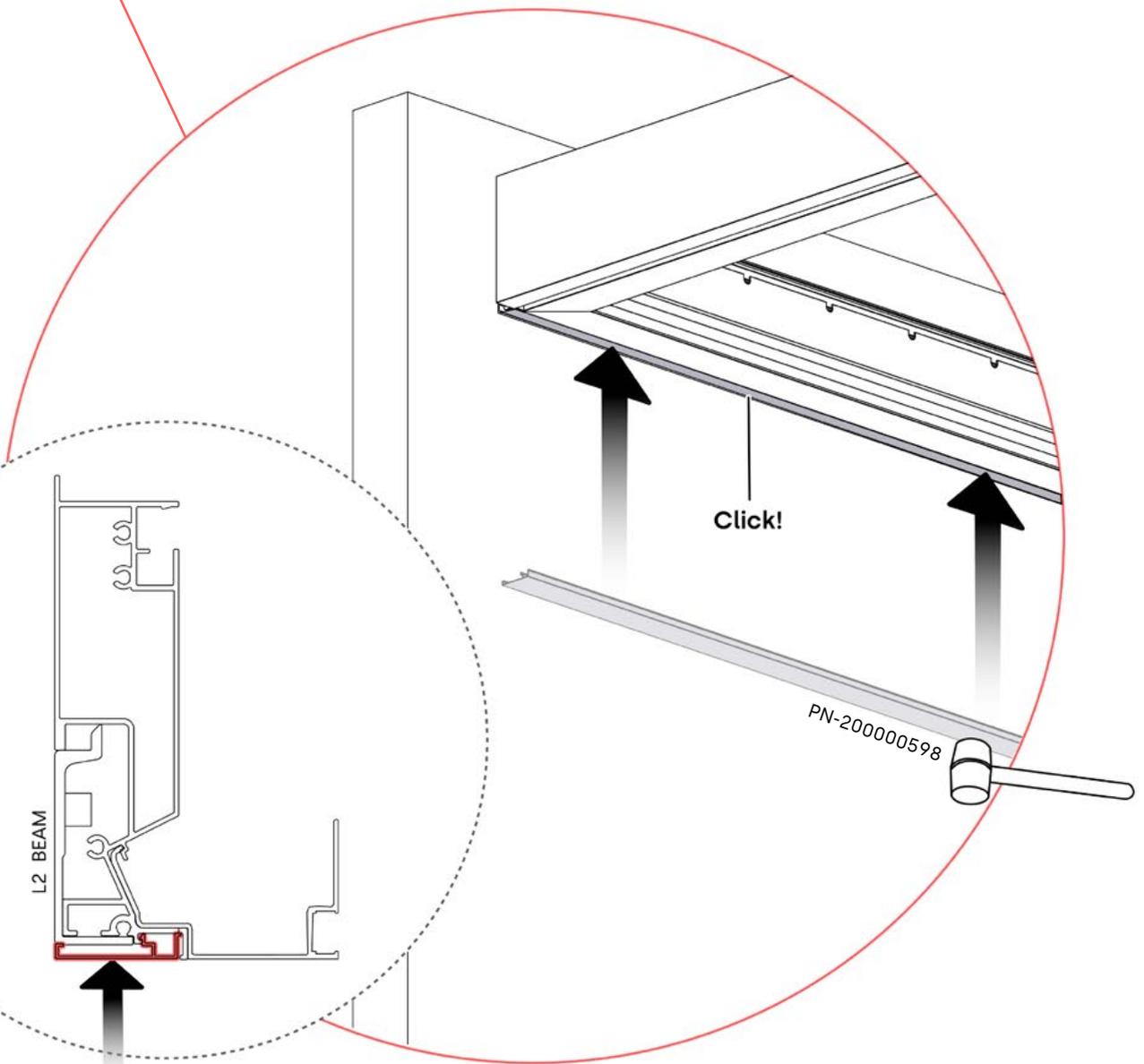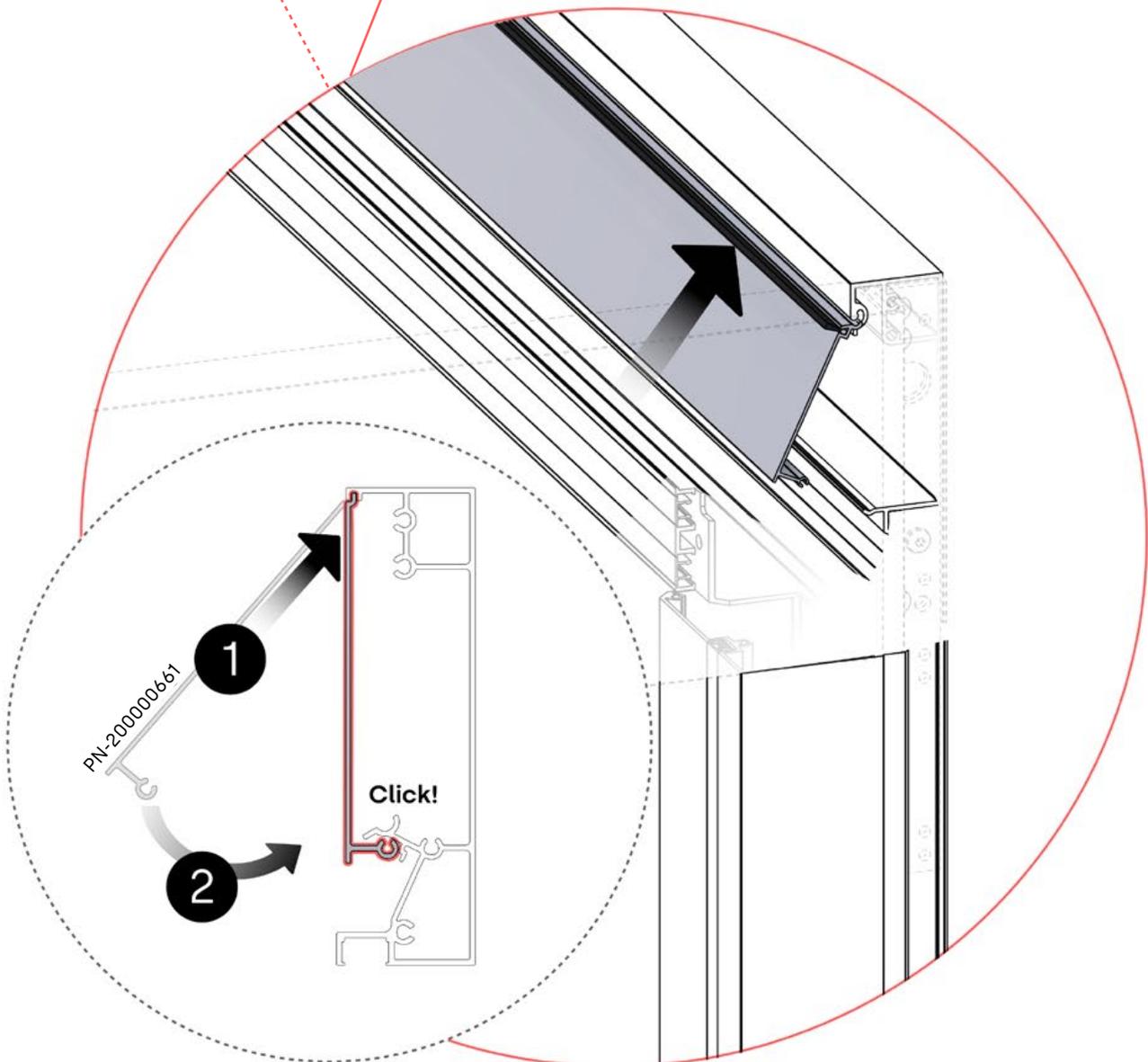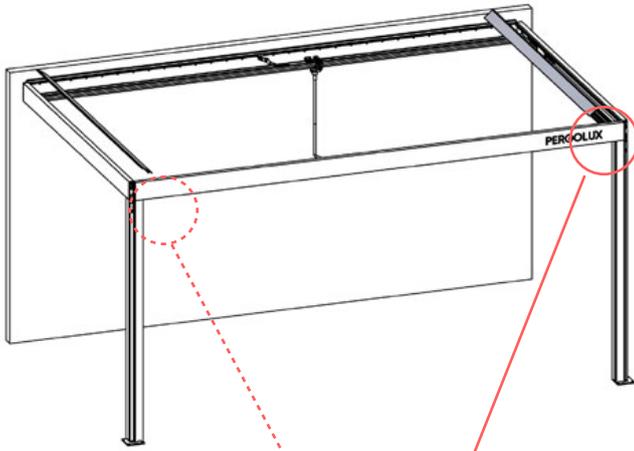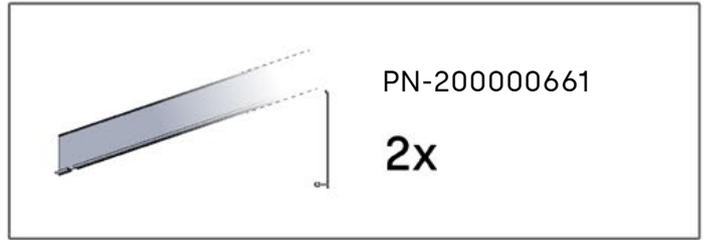
Click!

PN-200000598

L2 BEAM

PN-200000598

32

PN-200000661

2x

PN-200000661

1

2

Click!

33

PERGOLUX

(2)

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

PN-200000596

1x

6x8
1/4" x 5/16"

PN-200000573

S | **3x**

PN-200000573

PN-200000596

PN-200000596
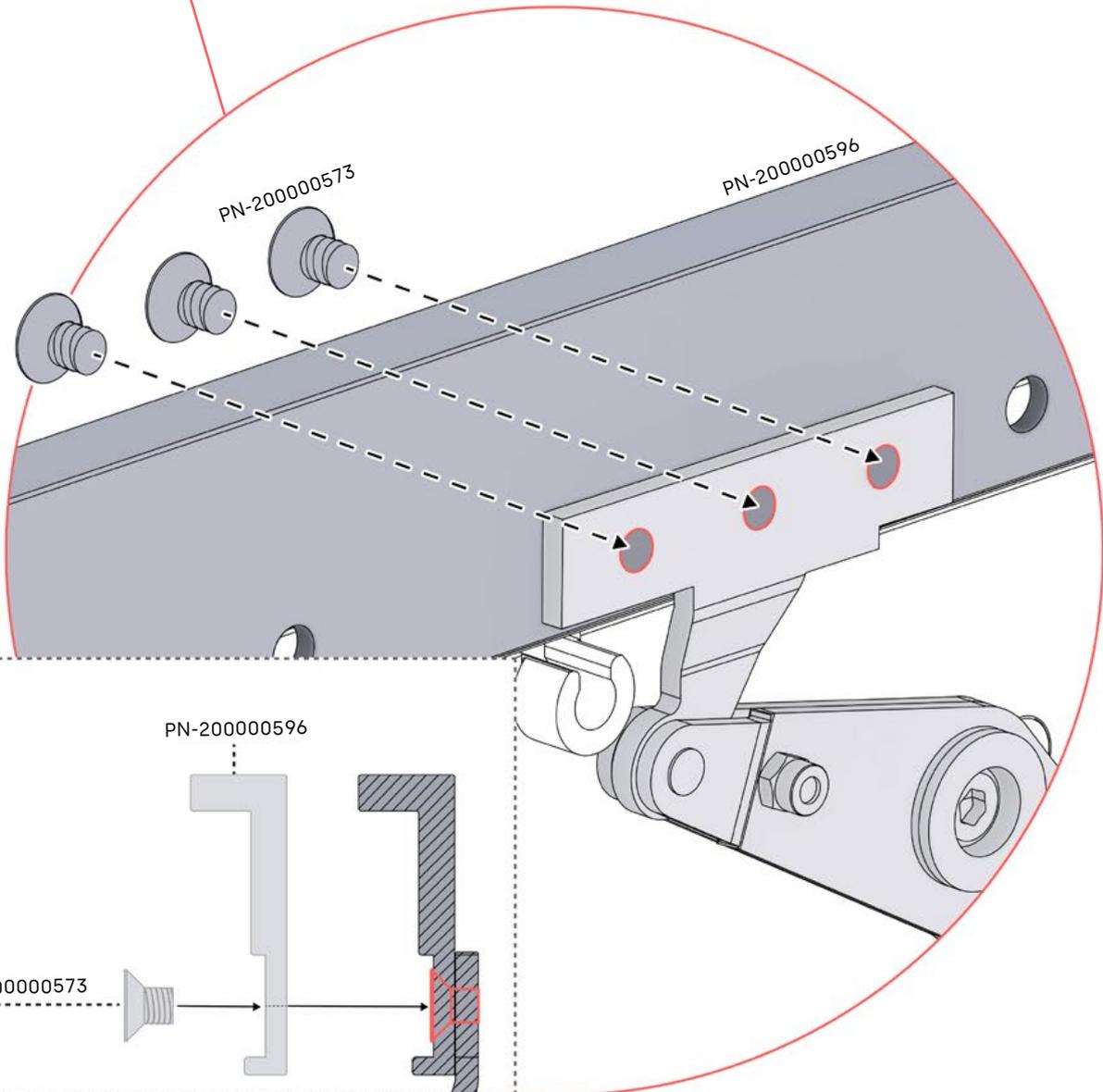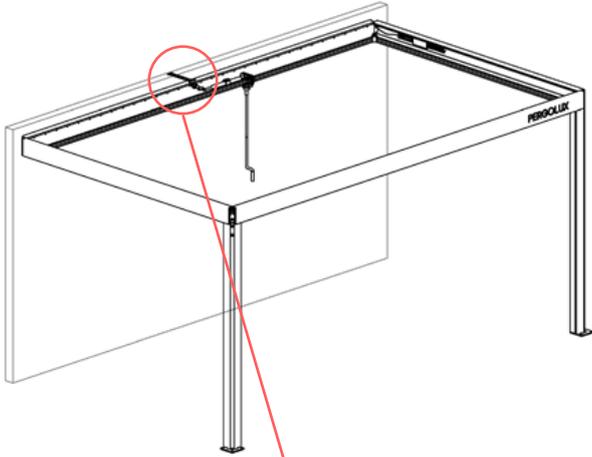
PN-200000573
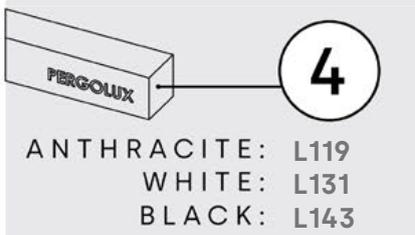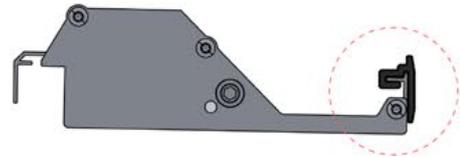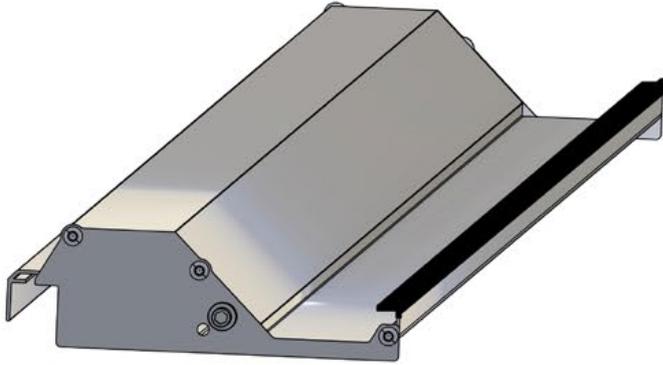
PERGOLA LOUVERS

P.PERGOLA 3M WF END LOUVER
PN-200000683

4

ANTHRACITE: L119
WHITE: L131
BLACK: L143

1x
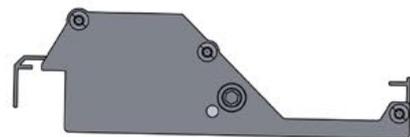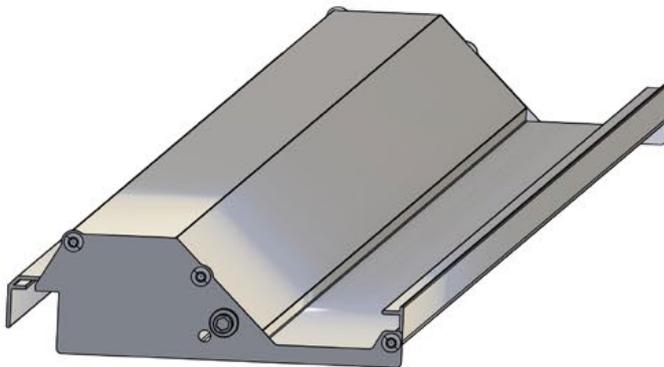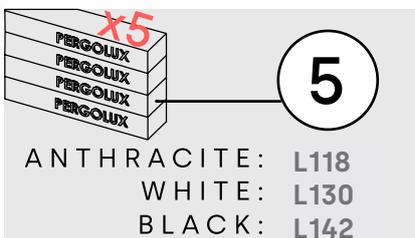
P.PERGOLA 3M WF LOUVER
PN-200000675

5

Standard

x5

ANTHRACITE: L118
WHITE: L130
BLACK: L142

30x

57

34

PERGOLUX (4)

ANTHRACITE: L119
WHITE: L131
BLACK: L143

PN-200000683

1x

END LOUVER
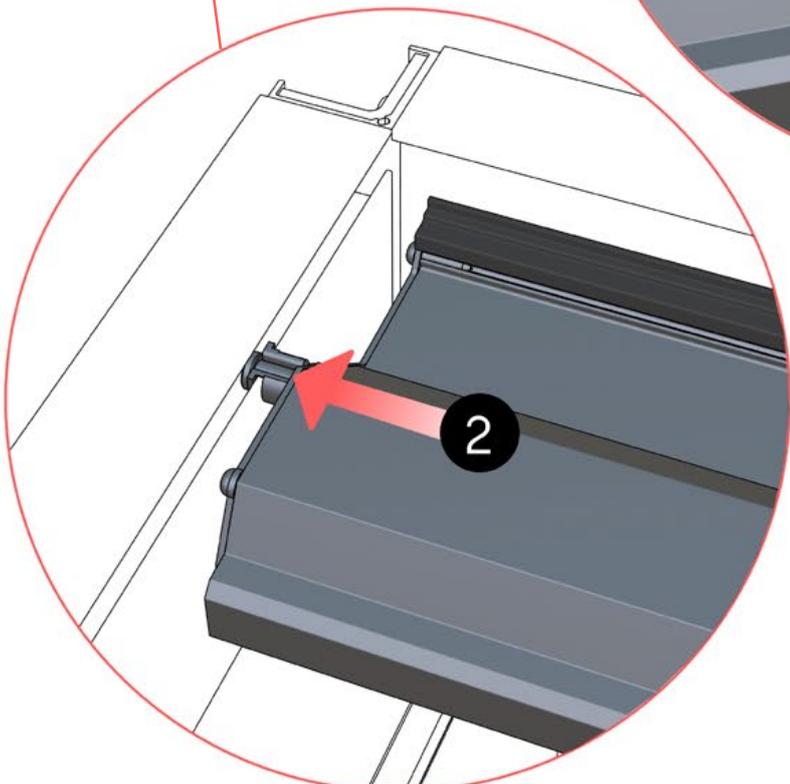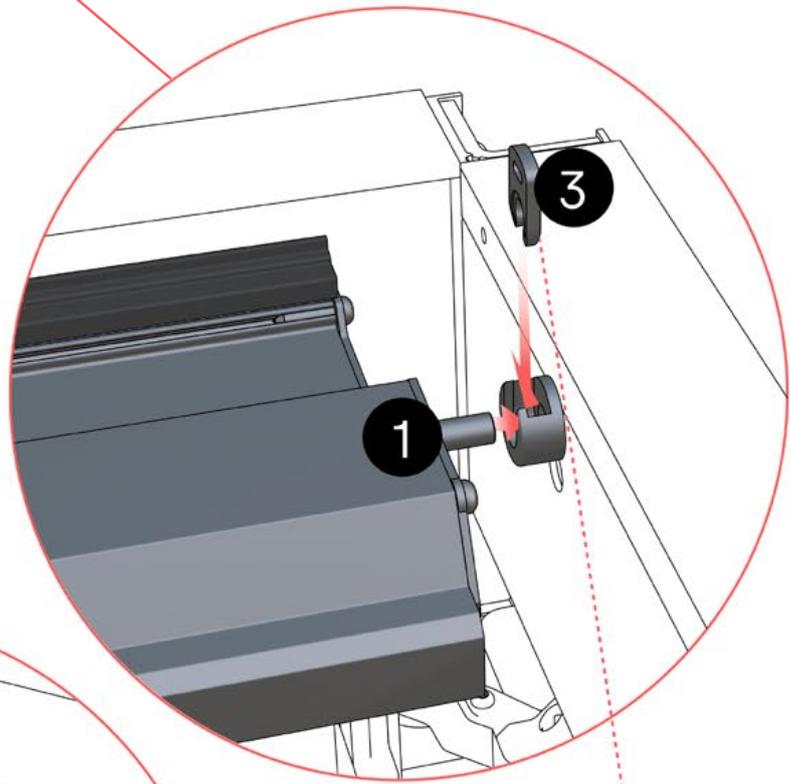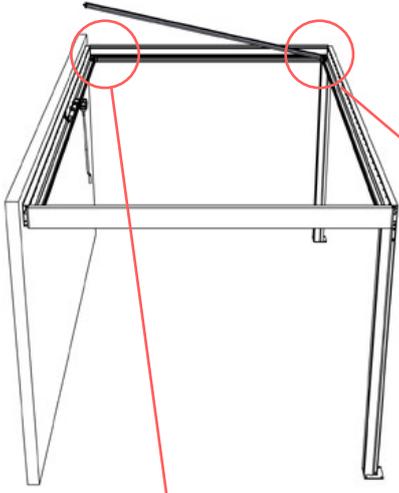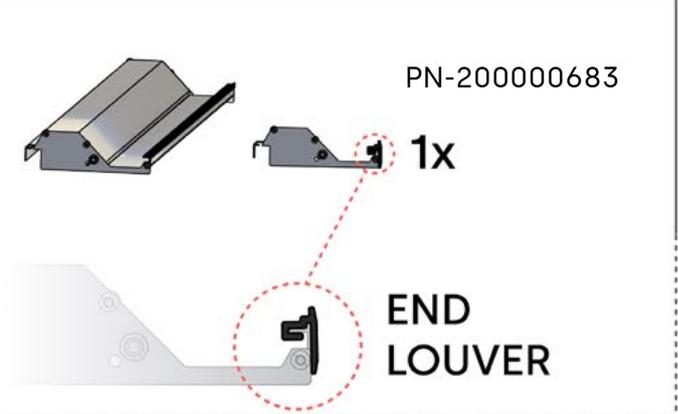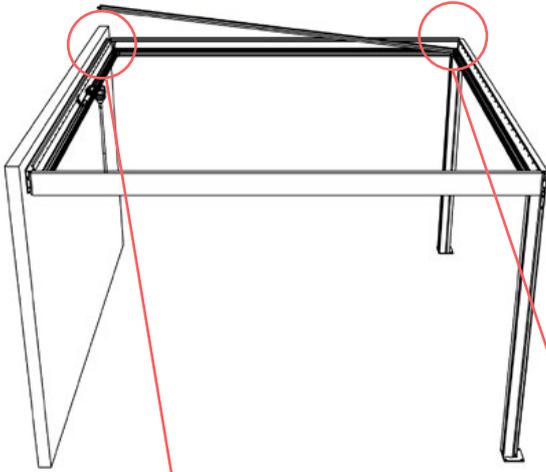
1

2

3

58

35

PN-200000677
H | 1x

PN-200000532
R | 1x

PN-200000529
R | 1x

PN-200000666
R | 1x

PN-200000677

1

Click!

3

4

2
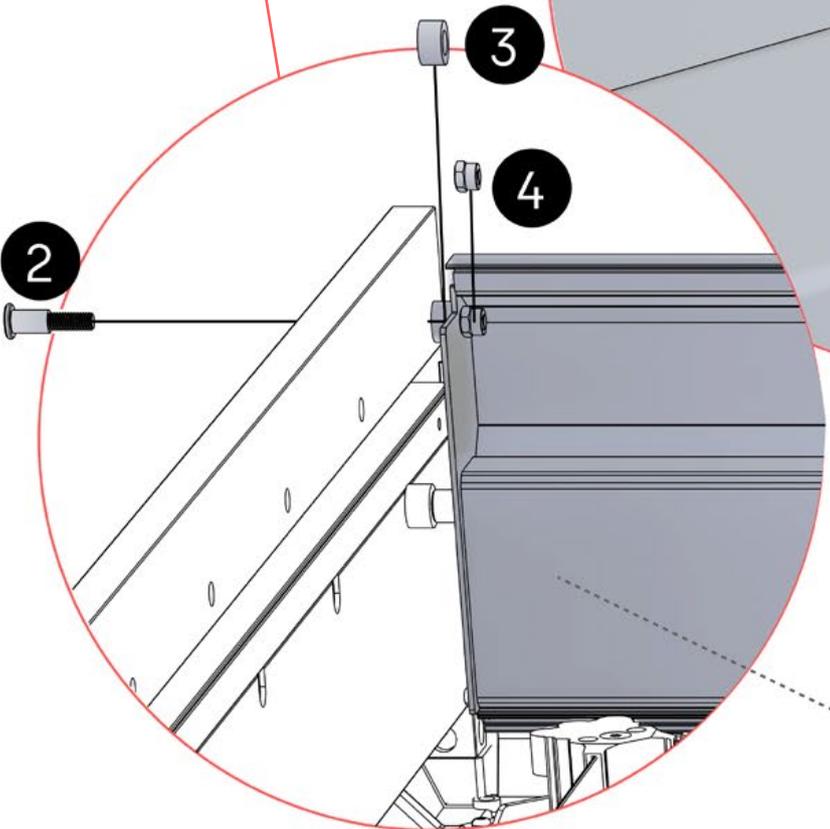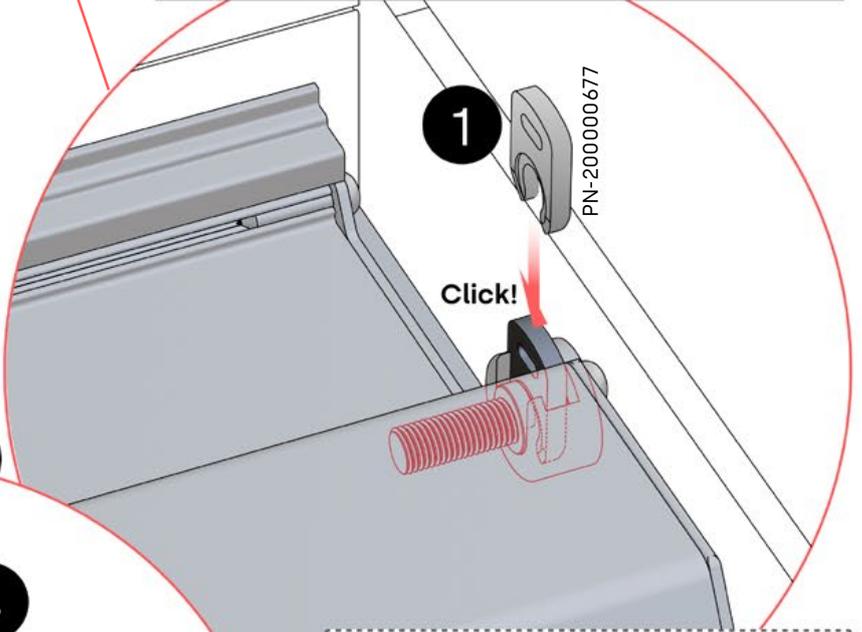
Important:
Place one clip (PN-200000677) immediately after each installment of louver.

59

36

x5

PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

(5)
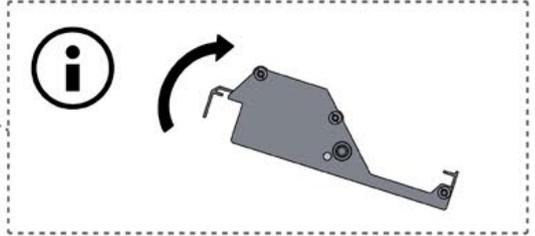
ANTHRACITE: **L118**
WHITE: **L130**
BLACK: **L142**

PN-200000675
27x

PN-200000677
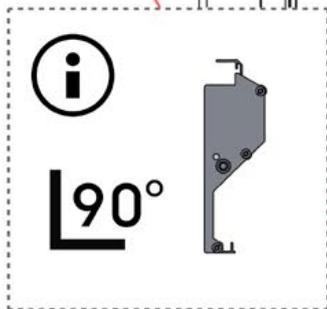**H** | **27x**
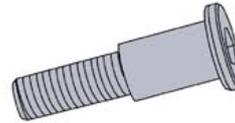
PN-200000532
R | **27x**

PN-200000529
R | **27x**

PN-200000666
R | **27x**

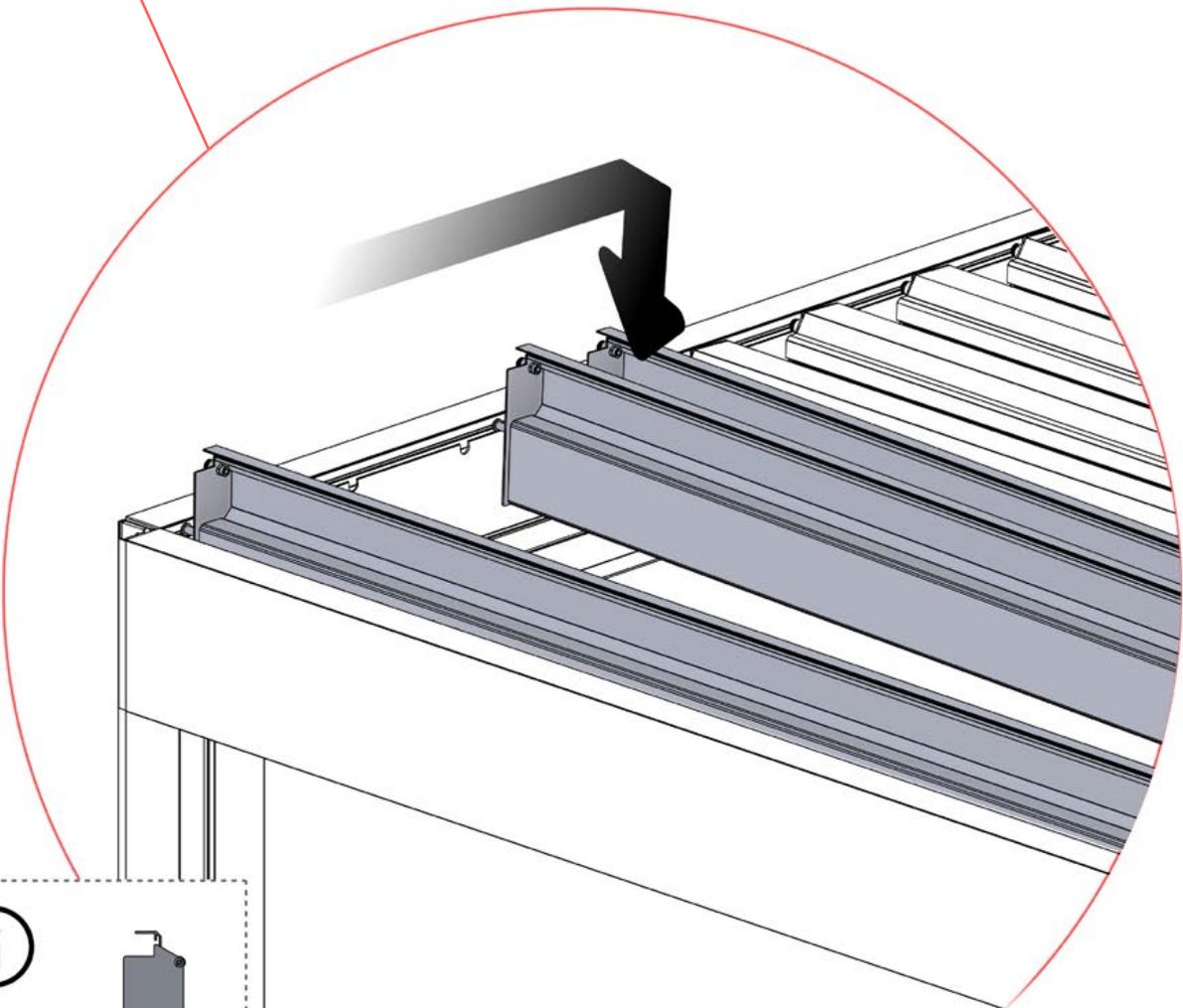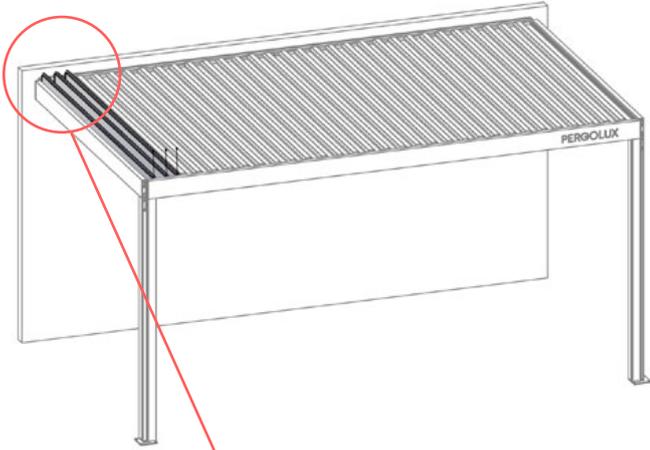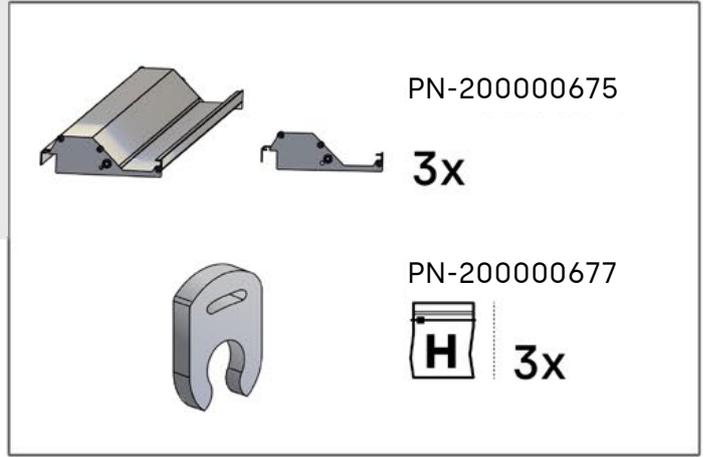Step **34** ⇨ Step **35** ⇨ ↻ **27**
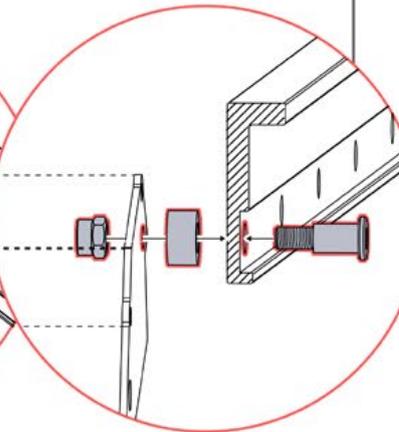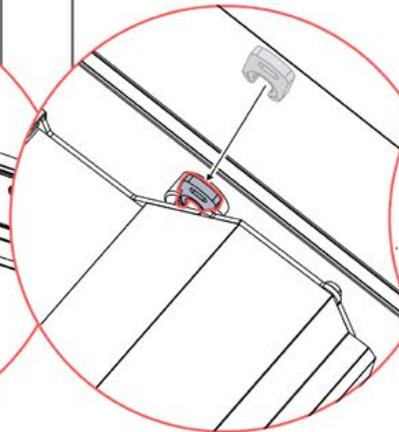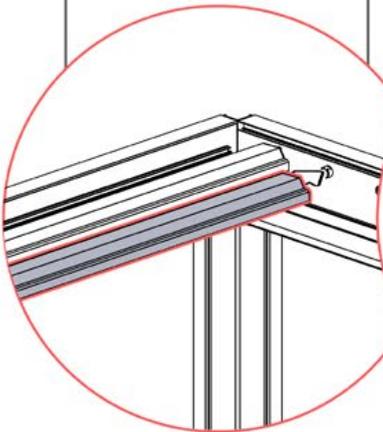
! **Important:**
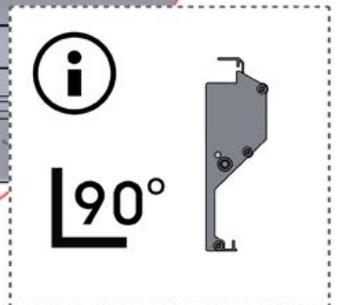Place one clip (PN-200000677), screw (PN-200000532) and spacer (PN-200000529) immediately after each installment of louver.
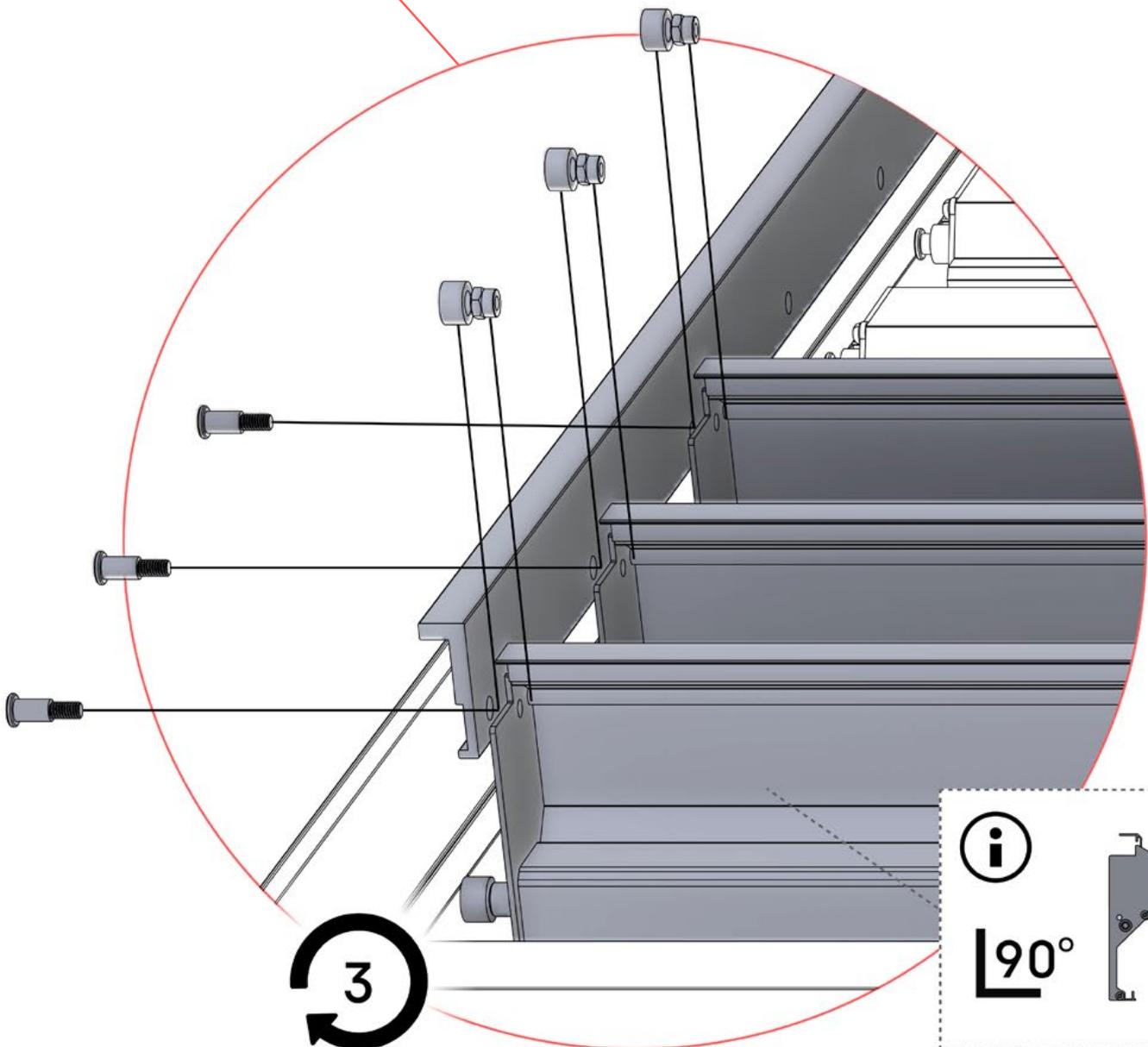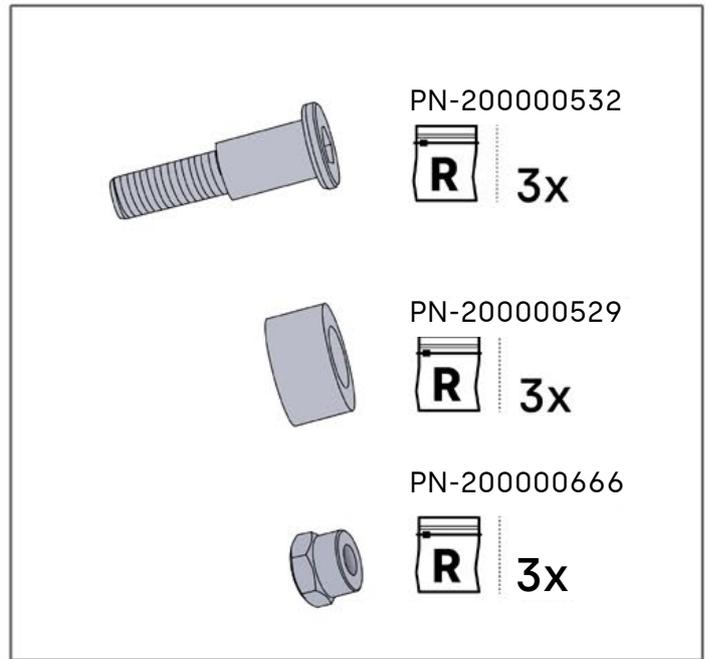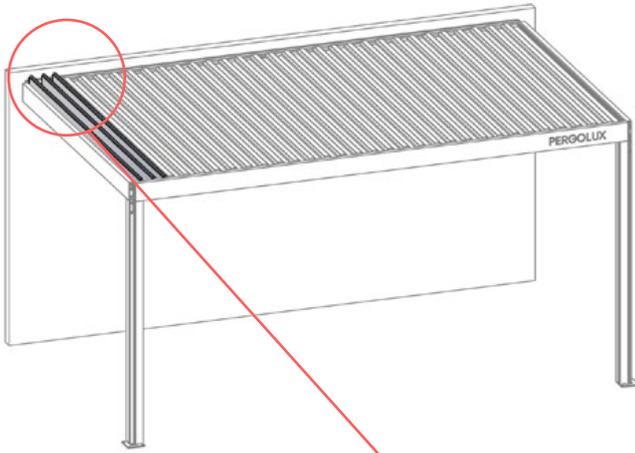
37

x5

5

ANTHRACITE: L118
WHITE: L130
BLACK: L142

PERGOLUX

PN-200000675

3x

PN-200000677

H | 3x

i

L90°

3

38

PN-200000532
R 3x

PN-200000529
R 3x

PN-200000666
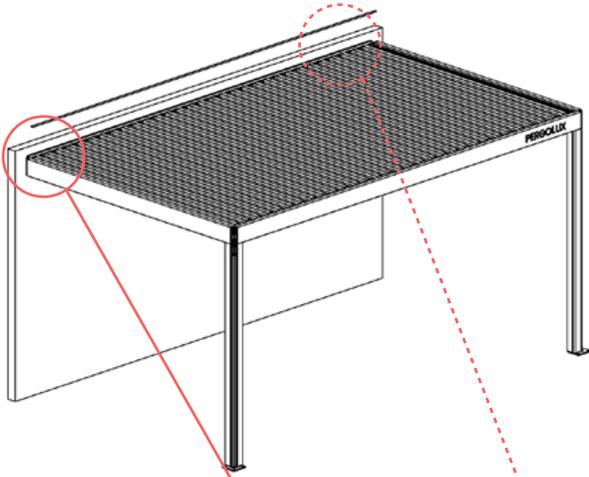**R** 3x

PERGOLUX

3

90°

39

PERGOLUX (2)

ANTHRACITE: **B123**
WHITE: **B135**
BLACK: **B147**

PN-200000592

2x

NB: You might need to adjust the louvre guide more down to place the louvre lock

PN-200000592

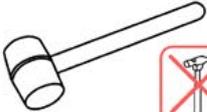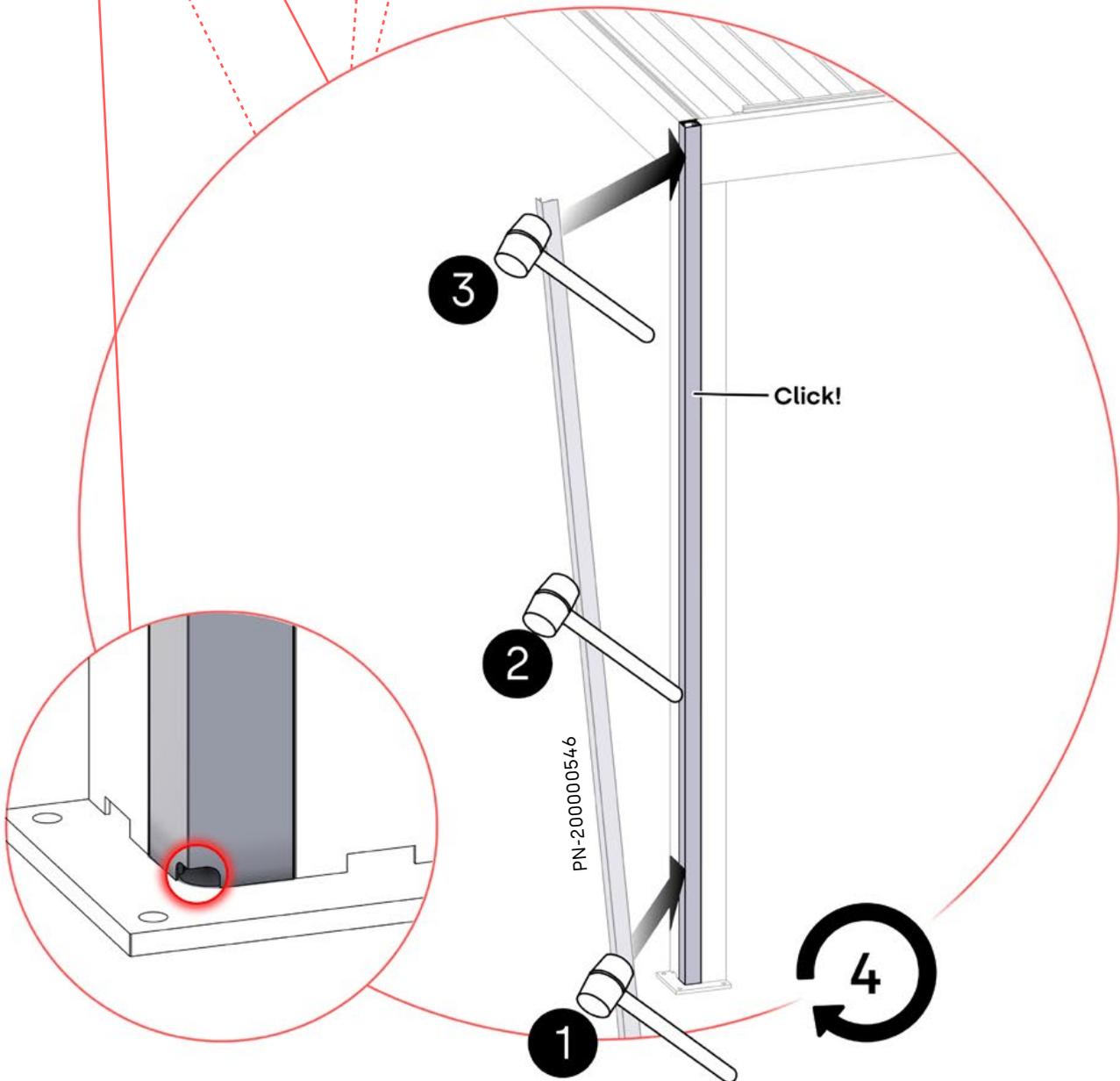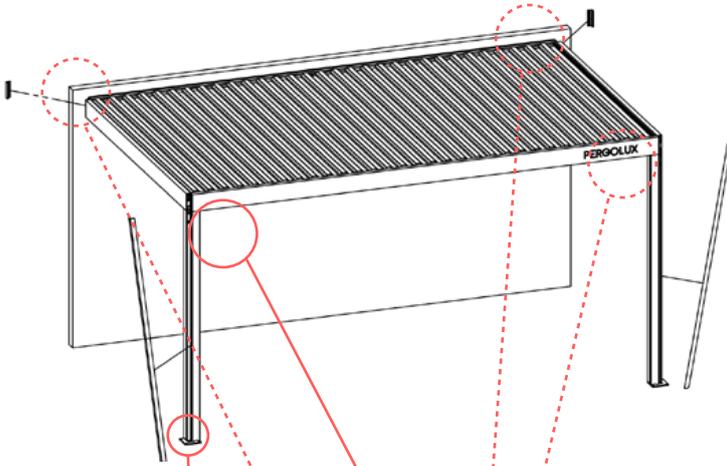**Click!**

PN-200000592

(2)

40

PERGOLUX ①

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

PN-200000546
2x

PN-200000541
2x

Click!

PN-200000546

❸

❷

❶

❹

64

41

PERGOLUX

(1)

ANTHRACITE: **C103**
WHITE: **C105**
BLACK: **C107**
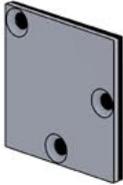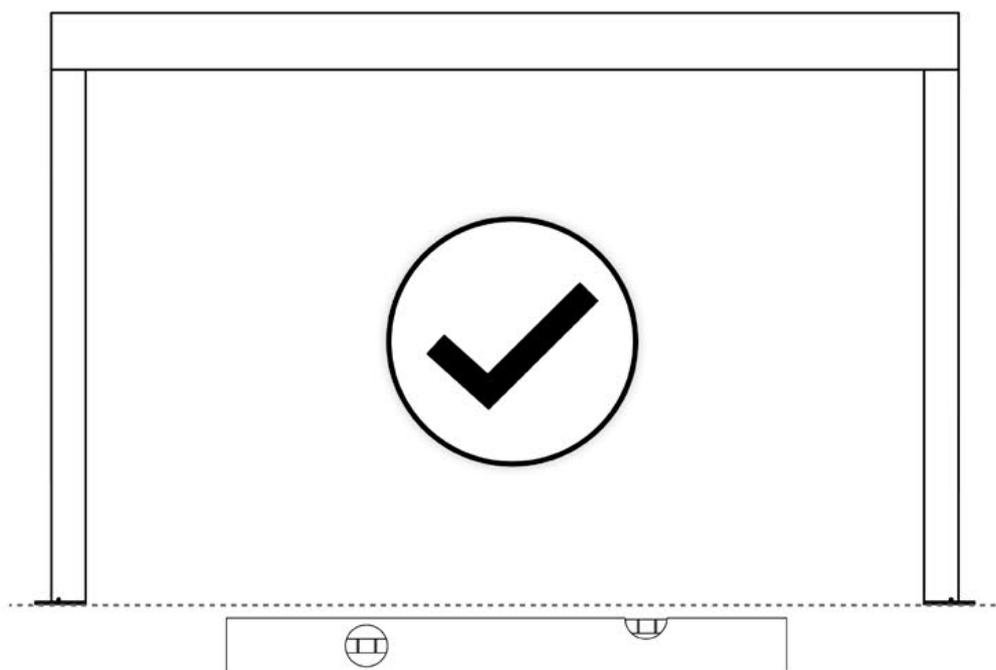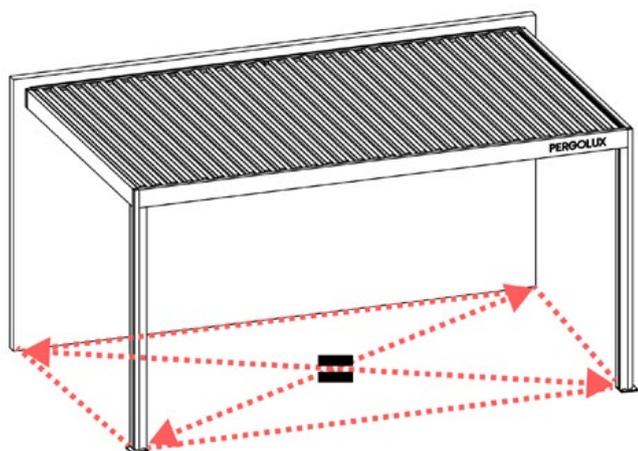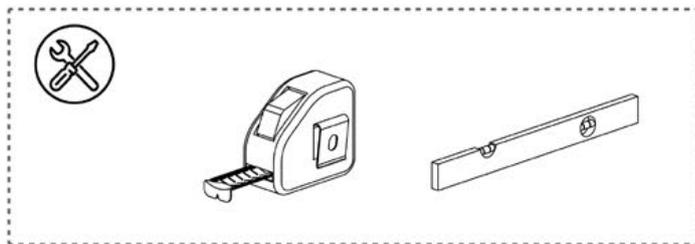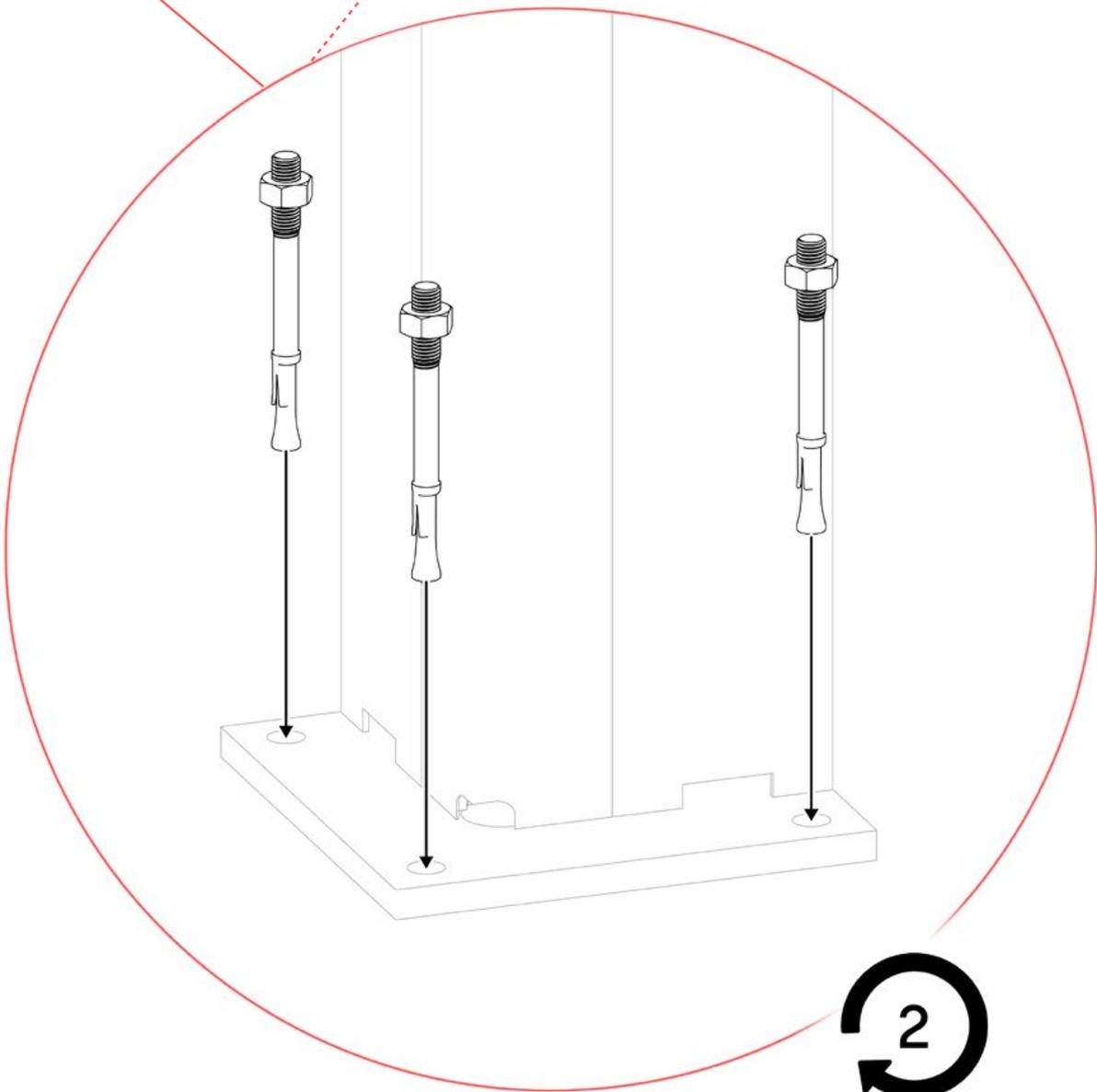
PN-200000518

K Y 6x

4.2x16
5/32" x 5/8"

PN-200000840

K Y 18x

IPN-200000840

PN-200000518

6

42

43

Use on concrete

x6

Use on wood

x6

SHOP

2

3 x 5 M / 10'x16'

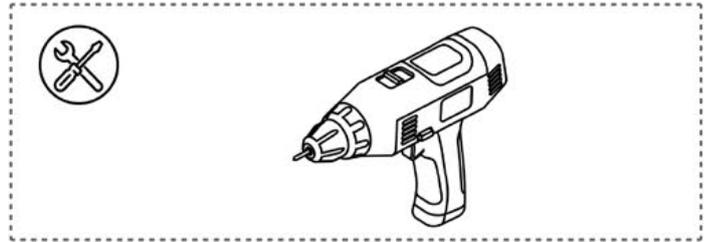Designed and developed by PERGOLUX

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