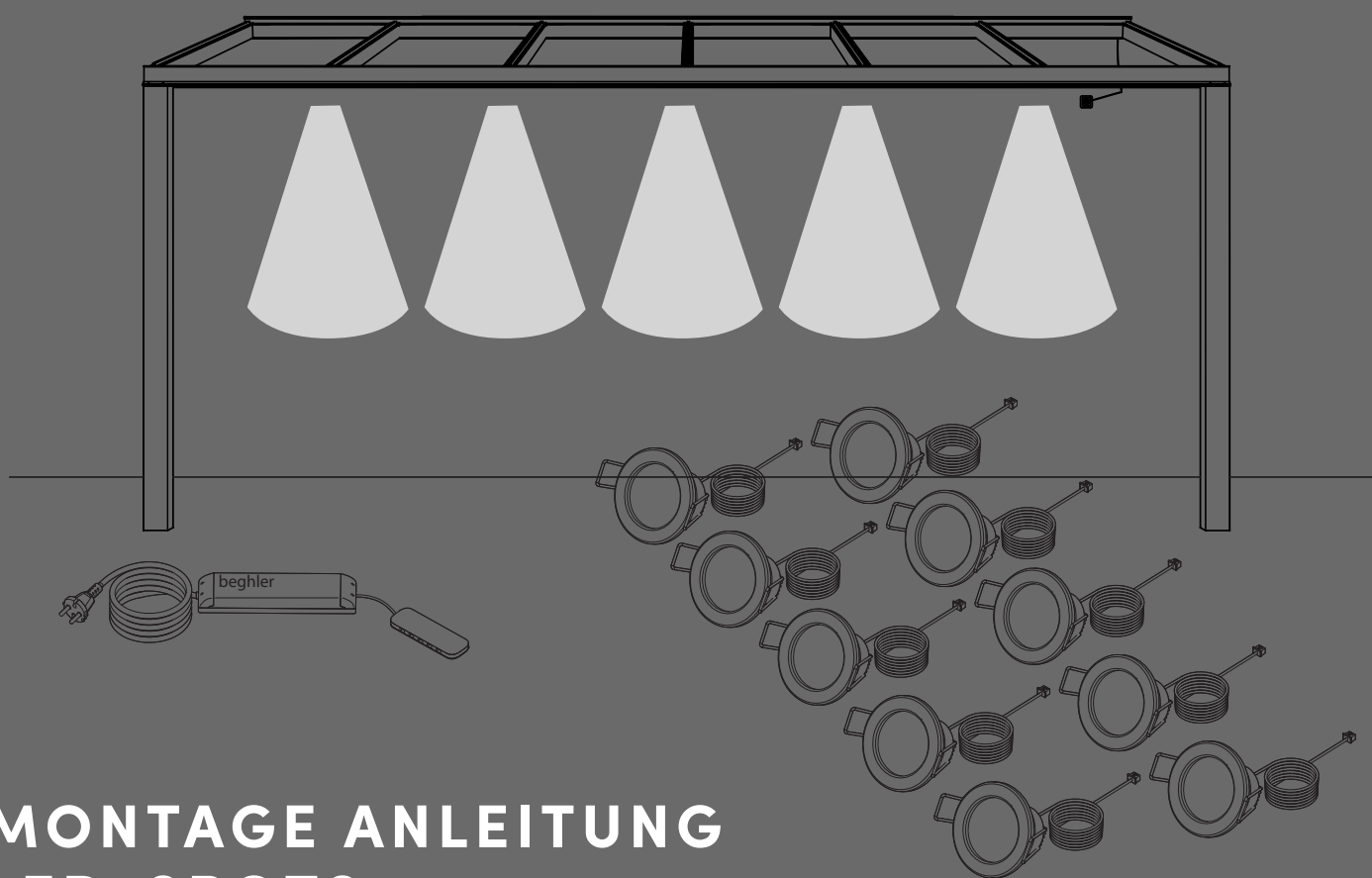


MODERN BEDACHT



**MONTAGE ANLEITUNG
LED-SPOTS**

MODERNBEDACHT

LED- Beleuchtungssystem

LED Lighting System

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safety instructions

1 English

Safety instructions – LED Lighting System

Article 1 – General Provisions
1.1 Read this manual carefully before installing or using the LED lighting system (hereinafter referred to as the 'Product'). Improper use may result in injury or material damage and void the warranty.
1.2 Keep this manual for future reference and pass it on when the Product changes ownership.
1.3 Contact your supplier if you have any questions. If you lack sufficient technical knowledge, consult a qualified technician.
1.4 Illustrations in this manual are for guidance only and may differ from the actual Product.
1.5 This manual is protected by copyright and may not be reproduced or distributed without permission.
1.6 Keep small parts out of reach of children.

Article 2 – Intended Use
2.1 This Product is designed for installation under beams of patio covers. A maximum of two spots per beam is allowed.
2.2 Use outside the intended purpose is at your own risk.
2.3 This system is intended for domestic use under normal conditions.

Article 3 – Transport and Storage
3.1 Secure the Product properly during transport.
3.2 Always transport and store in the original packaging, in a dry and safe location.
3.3 Only use approved transport equipment suitable for the Product's weight.

Article 4 – Pre-Installation Check
4.1 Check all components for completeness and damage before installation.
4.2 Do not install if a defect is suspected. Take photos and contact your supplier.

Article 5 – Installation
5.1 Always turn off power at the installation site before starting.
5.2 In some countries, only licensed electricians may perform electrical installations.
5.3 Ensure a safe work environment and clear the area of obstacles.
5.4 Use only the supplied components.
5.5 Perform all connections without electrical current.
5.6 Do not connect more than 36 drivers to a single power cable.
5.7 Connect only to grounded outlets with a residual current device (RCD).
5.8 Secure cables properly and ensure they remain undamaged.
5.9 Never use staples, nails, or sharp objects on the cables or the Product.
5.10 Not suitable for installation within reach. Maintain a minimum distance of 20 cm from illuminated surfaces.
5.11 Mount only on non-combustible surfaces.
5.12 Do not cover with thermal insulation.
5.13 Ensure adequate ventilation during use.

Article 6 – Use and Safety
6.1 Do not touch during or shortly after use – risk of burns.
6.2 Avoid exposure to fire, liquids, or extreme temperatures (-20°C to 45°C).
6.3 Never pull on cables or look directly into the LED lights.
6.4 In case of malfunction: power off immediately and consult a

specialist.
6.5 Use the Product only as intended.
6.6 Do not use if:
visible damage or deformation is present
it no longer functions properly
it has been stored in poor conditions for a prolonged period
it has been heavily stressed during transport

Article 7 – Maintenance and Cleaning
7.1 Inspect the Product at least once a year for defects and secure mounting.
7.2 Use a slightly damp cloth to clean; avoid aggressive cleaning agents.
7.3 Do not rinse or spray with water.
7.4 The fixture and its cable are not user-replaceable. If damaged, the complete unit must be replaced.

Article 8 – Disposal
8.1 Dispose of the Product at a certified collection point for electronic waste.
8.2 Dispose of batteries separately at a designated collection facility.

Article 9 – Warranty and Liability
9.1 Any modifications outside the installation instructions void the warranty and liability.
9.2 Do not attempt repairs yourself.
9.3 Using non-original components voids the warranty.
9.4 No liability for damage to the electrical network or consequential damage.
9.5 Minor differences in light color between fixtures are not considered defects.
9.6 Product specifications may change without prior notice.
9.7 All trademarks and brand names are acknowledged as the property of their respective owners.
9.8 This manual is based on applicable standards, current technology, and experience.
9.9 The terms and conditions and legal provisions at the time of purchase apply.

By following these instructions, safe and sustainable operation of the Product is ensured.

safety instructions
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sicherheitsvorschriften

veiligheids voorschriften

2 Nederlands

Veiligheidsvoorschriften – LED-verlichtingssysteem

Artikel 1 – Algemene Bepalingen
1.1 Lees deze handleiding zorgvuldig door vóór installatie of gebruik van het LED-verlichtingssysteem (hierna: het 'Product'). Onjuiste toepassing kan leiden tot letsel of materiële schade en heeft gevolgen voor de garantie.
1.2 Bewaar deze handleiding goed en verstrek deze bij overdracht van het Product.
1.3 Raadpleeg bij vragen uw leverancier. Schakel een vakman in bij onvoldoende technische kennis.
1.4 Afbeeldingen zijn illustratief en kunnen afwijken van het werkelijke Product.
1.5 Deze handleiding is auteursrechtelijk beschermd en mag niet zonder toestemming worden verspreid.
1.6 Houd kleine onderdelen uit de buurt van kinderen.

Artikel 2 – Beoogd Gebruik
2.1 Het Product is ontworpen voor montage onder tussenliggers van terrasoverkappingen. Maximaal twee spots per ligger.
2.2 Gebruik buiten de bedoelde toepassing is op eigen risico.
2.3 Het systeem is bestemd voor huishoudelijk gebruik onder normale omstandigheden.

Artikel 3 – Transport en Opslag
3.1 Bevestig het Product stevig tijdens transport.
3.2 Vervoer en bewaar in originele verpakking, droog en veilig.
3.3 Gebruik alleen goedgekeurde transportmiddelen geschikt voor het gewicht.

Artikel 4 – Controle Vooraf
4.1 Controleer vooraf op aantallen en schade.
4.2 Monteer het Product niet als u een defect vermoedt. Maak foto's en neem contact op met de leverancier.

Artikel 5 – Installatie
5.1 Schakel altijd de stroom uit voor aanvang van installatie.
5.2 In sommige landen is installatie voorbehouden aan erkende elektriciens.
5.3 Zorg voor een veilige werkomgeving; verwijder obstakels.
5.4 Gebruik uitsluitend de meegeleverde onderdelen.
5.5 Monteer het Product uitsluitend spanningsloos.
5.6 Sluit maximaal 36 drivers aan per voedingskabel.
5.7 Alleen aansluiten op gearde stopcontacten met aardlekschakelaar.
5.8 Kabels moeten onbeschadigd blijven en correct worden vastgezet.
5.9 Gebruik geen nietmachines, spijkers of scherpe voorwerpen.
5.10 Niet bedoeld voor montage binnen handbereik. Houd minimaal 20 cm afstand tot verlichte objecten.
5.11 Alleen geschikt voor montage op niet-brandbare oppervlakken.
5.12 Niet bedekken met isolatiemateriaal.
5.13 Zorg voor voldoende ventilatie.

Artikel 6 – Gebruik en Veiligheid
6.1 Niet aanraken tijdens of vlak na gebruik – kans op verbranding.
6.2 Vermijd blootstelling aan vuur, vocht of extreme temperaturen (-20°C tot 45°C).
6.3 Nooit aan kabels trekken of in LED-lampen kijken.
6.4 Bij defect of storing: direct uitschakelen en deskundige raadplegen.
6.5 Gebruik het Product alleen waarvoor het bestemd is.

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veiligheidsvoorschriften
sicherheitsvorschriften

6.6 Niet gebruiken bij: zichtbare schade, slecht functioneren, langdurige opslag onder slechte omstandigheden of na zware belasting.

Artikel 7 – Onderhoud en Reiniging
7.1 Jaarlijkse inspectie op gebreken en bevestiging.
7.2 Gebruik een licht vochtige doek; geen agressieve reinigingsmiddelen.
7.3 Niet afspoelen of besproeien.
7.4 Armatuur of kabels zijn niet vervangbaar door de gebruiker. Bij schade: volledig vervangen.

Artikel 8 – Afdanken
8.1 Lever het Product in bij een erkend inzamelpunt voor elektrische apparaten.
8.2 Batterijen apart inleveren.

Artikel 9 – Garantie en Aansprakelijkheid
9.1 Wijzigingen buiten de installatie-instructies doen garantie en aansprakelijkheid vervallen.
9.2 Geen eigen reparaties uitvoeren.
9.3 Gebruik van niet-originele onderdelen doet garantie vervallen.
9.4 Geen aansprakelijkheid voor schade aan elektriciteitsnet of gevolgschade.
9.5 Lichtkleurverschillen zijn geen tekortkoming.
9.6 Productdetails kunnen zonder voorafgaande aankondiging wijzigen.
9.7 Alle merken en handelsnamen zijn erkend eigendom van de respectieve houder.
9.8 Handleiding gebaseerd op geldende normen, kennis en ervaring.
9.9 Algemene voorwaarden en wettelijke bepalingen ten tijde van aankoop zijn van toepassing.

Door deze voorschriften te volgen, wordt een veilige en duurzame werking van het Product gewaarborgd.

sicherheitsvorschriften

3 Deutsch

Sicherheitsvorschriften – LED-Beleuchtungssystem

Artikel 1 – Allgemeine Bestimmungen
1.1 Lesen Sie diese Anleitung sorgfältig durch, bevor Sie das LED-Beleuchtungssystem (nachfolgend „Produkt“) installieren oder verwenden. Unsachgemäße Anwendung kann zu Verletzungen oder Sachschäden führen und die Garantie ungültig machen.
1.2 Bewahren Sie diese Anleitung auf und geben Sie sie bei Weitergabe des Produkts weiter.
1.3 Wenden Sie sich bei Fragen an Ihren Lieferanten. Bei fehlender technischer Erfahrung konsultieren Sie bitte eine Fachkraft.
1.4 Abbildungen dienen nur zur Veranschaulichung und können vom tatsächlichen Produkt abweichen.
1.5 Diese Anleitung ist urheberrechtlich geschützt und darf nicht ohne schriftliche Genehmigung vervielfältigt oder weitergegeben werden.
1.6 Kleinteile bitte außerhalb der Reichweite von Kindern aufbewahren.

Artikel 2 – Bestimmungsgemäßer Gebrauch
2.1 Das Produkt ist für die Montage unter Trägern von Terrassenüberdachungen vorgesehen. Maximal zwei Spots pro Träger.
2.2 Verwendung außerhalb des vorgesehenen Zwecks erfolgt auf eigenes Risiko.
2.3 Nur für den privaten Gebrauch unter normalen Bedingungen bestimmt.

Artikel 3 – Transport und Lagerung
3.1 Sichern Sie das Produkt während des Transports zuverlässig.
3.2 Lagern und transportieren Sie es in der Originalverpackung, trocken und geschützt.
3.3 Verwenden Sie ausschließlich geeignetes Transportgerät mit ausreichender Tragfähigkeit.

Artikel 4 – Kontrolle vor der Installation
4.1 Überprüfen Sie vor der Installation alle Komponenten auf Vollständigkeit und Schäden.
4.2 Bei Verdacht auf Defekte nicht montieren. Fotos machen und den Lieferanten kontaktieren.

Artikel 5 – Installation
5.1 Strom am Installationsort immer vor Arbeitsbeginn ausschalten.
5.2 In einigen Ländern dürfen nur Elektrofachkräfte elektrische Installationen vornehmen.
5.3 Sorgen Sie für eine sichere Arbeitsumgebung und entfernen Sie Hindernisse.
5.4 Verwenden Sie ausschließlich mitgelieferte Komponenten.
5.5 Installieren Sie ausschließlich spannungsfrei.
5.6 Es dürfen maximal 36 Treiber an ein Stromkabel angeschlossen werden.
5.7 Anschluss nur an geerdete Steckdosen mit FI-Schutzschalter.
5.8 Kabel ordnungsgemäß befestigen und unbeschädigt halten.
5.9 Keine Tacker, Nägel oder scharfen Gegenstände zur Befestigung verwenden.
5.10 Nicht innerhalb der Reichweite installieren. Mindestens 20 cm Abstand zum beleuchteten Objekt einhalten.
5.11 Nur auf nicht brennbare Oberflächen montieren.
5.12 Nicht mit Dämmmaterial abdecken.
5.13 Für ausreichende Belüftung sorgen.

Artikel 6 – Verwendung und Sicherheit

6.1 Während oder kurz nach der Nutzung nicht berühren – Verbrennungsgefahr.
6.2 Vor Feuer, Flüssigkeiten und extremen Temperaturen (-20°C bis 45°C) schützen.
6.3 Niemals an Kabeln ziehen oder direkt in die LEDs schauen.
6.4 Bei Störungen sofort abschalten und Fachpersonal benachrichtigen.
6.5 Produkt nur wie vorgesehen verwenden.
6.6 Nicht verwenden bei:
sichtbaren Schäden oder Verformungen
Funktionsstörungen
unsachgemäßer Lagerung über längere Zeit
starker Belastung beim Transport

Artikel 7 – Wartung und Reinigung
7.1 Mindestens einmal jährlich auf sichere Befestigung und Schäden prüfen.
7.2 Zur Reinigung ein leicht feuchtes Tuch verwenden; keine aggressiven Reiniger.
7.3 Nicht abspritzen oder unter Wasser halten.
7.4 Leuchte oder Kabel sind nicht vom Benutzer austauschbar. Bei Beschädigung muss das gesamte Gerät ersetzt werden.

Artikel 8 – Entsorgung
8.1 Entsorgen Sie das Produkt über zertifizierte Sammelstellen für Elektrogeräte.
8.2 Batterien getrennt bei Sammelstellen für Altbatterien abgeben.

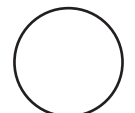
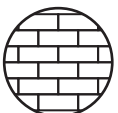
Artikel 9 – Garantie und Haftung
9.1 Änderungen außerhalb der Installationsanleitung führen zum Verlust von Garantie und Haftung.
9.2 Keine eigenständigen Reparaturen durchführen.
9.3 Die Verwendung nicht-originaler Komponenten hebt die Garantie auf.
9.4 Keine Haftung für Schäden am Stromnetz oder Folgeschäden.
9.5 Geringfügige Lichtfarbunterschiede zwischen Leuchten stellen keinen Mangel dar.
9.6 Produktdetails können ohne Vorankündigung geändert werden.
9.7 Alle Marken und Namen sind Eigentum ihrer jeweiligen Inhaber.
9.8 Anleitung basiert auf geltenden Normen, aktuellem Stand der Technik und Erfahrung.
9.9 Es gelten die zum Kaufzeitpunkt gültigen AGB und gesetzlichen Bestimmungen.

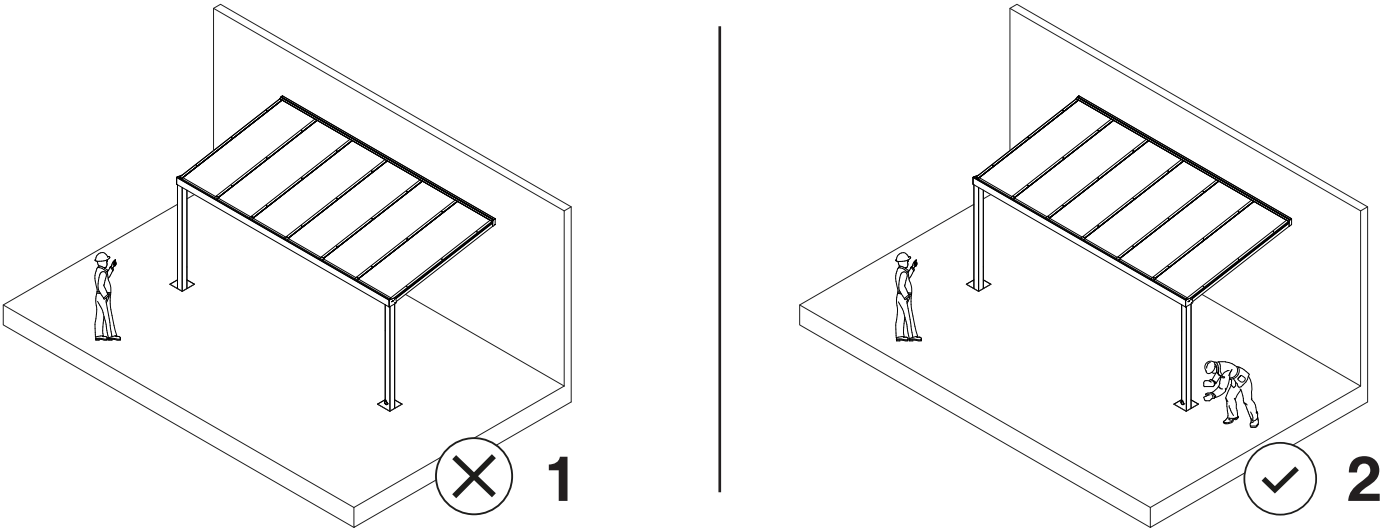
Die Einhaltung dieser Vorschriften gewährleistet einen sicheren und langlebigen Betrieb des Produkts.

safety instructions
veiligheidsvoorschriften
sicherheitsvorschriften

Legende

legenda /legenda / legende

	wiederholen repeat		Stahl steel
	geliefert provided		Ziegel brick
	erforderlich required		Holz wood
	optional optional		Regenwasserablauf rainwater drainage
	Hinweis! caution!		Zu kaufen to be purchased
	richtig correct		im Karton geliefert delivered in box
	falsch wrong		Experte kontaktieren consult professional

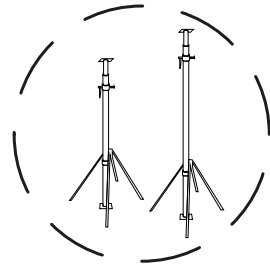
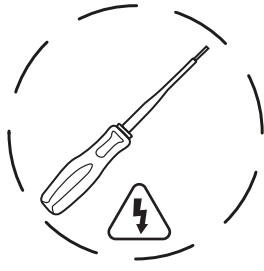
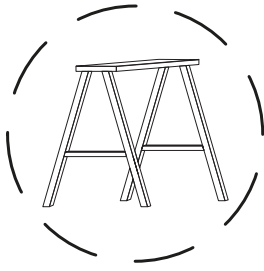
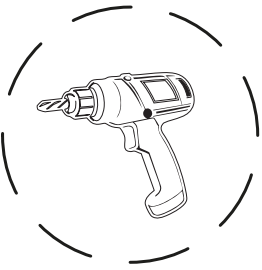
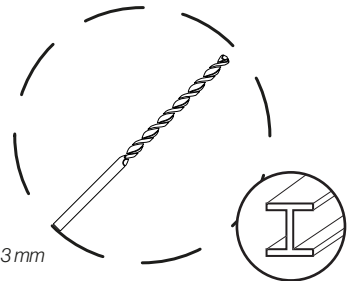
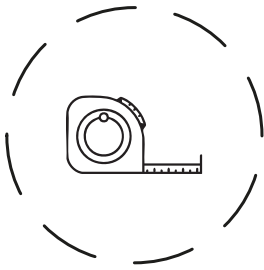
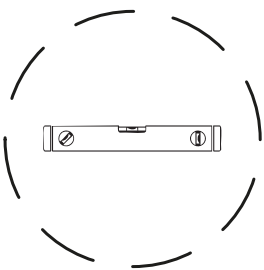


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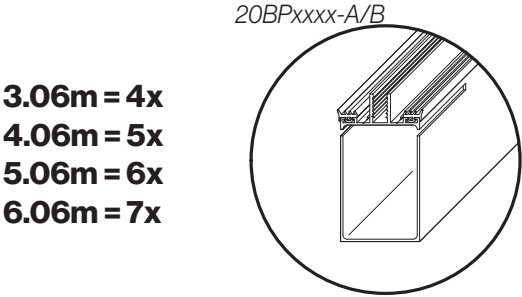
Werkzeuge

tools / gereedschap / werkzeuge

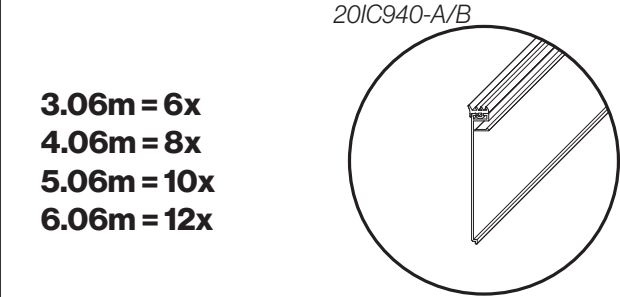


Teile

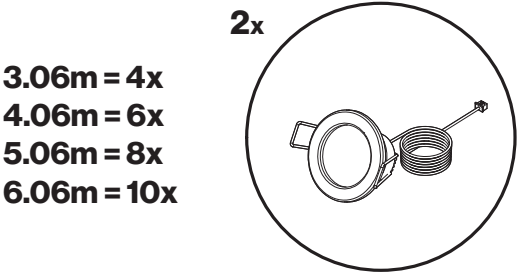
parts / onderdelen / teile



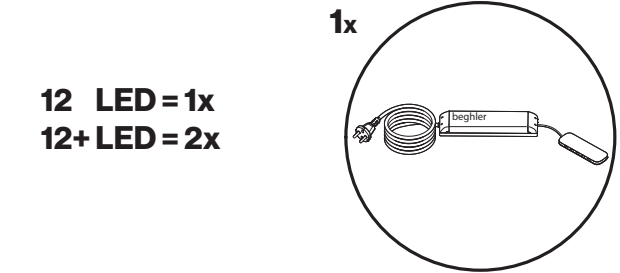
3.06m = 4x
4.06m = 5x
5.06m = 6x
6.06m = 7x



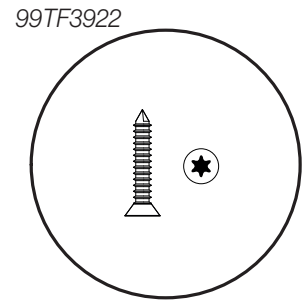
3.06m = 6x
4.06m = 8x
5.06m = 10x
6.06m = 12x



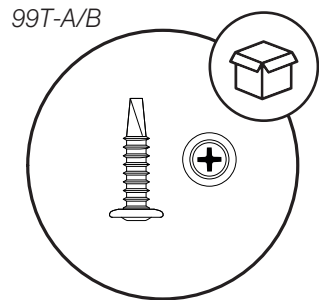
3.06m = 4x
4.06m = 6x
5.06m = 8x
6.06m = 10x



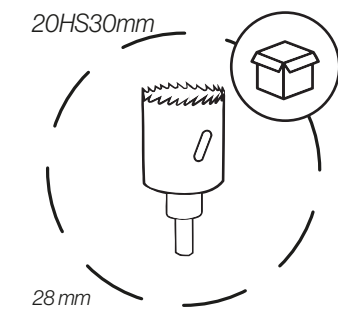
12 LED = 1x
12+ LED = 2x



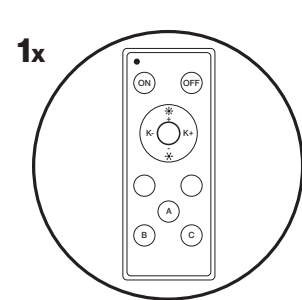
3.06m = 26x
4.06m = 32x
5.06m = 38x
6.06m = 44x



3.06m = 24x
4.06m = 24x
5.06m = 24x
6.06m = 28x



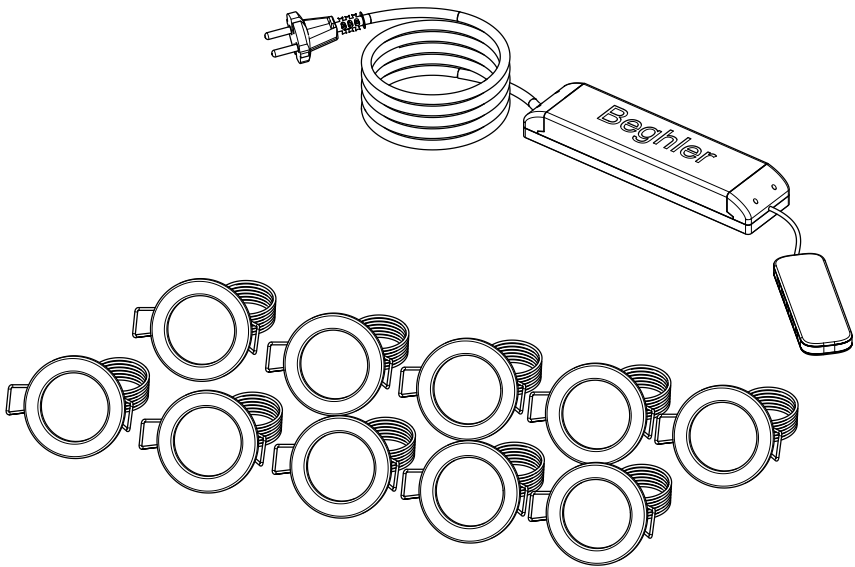
28 mm



Montage

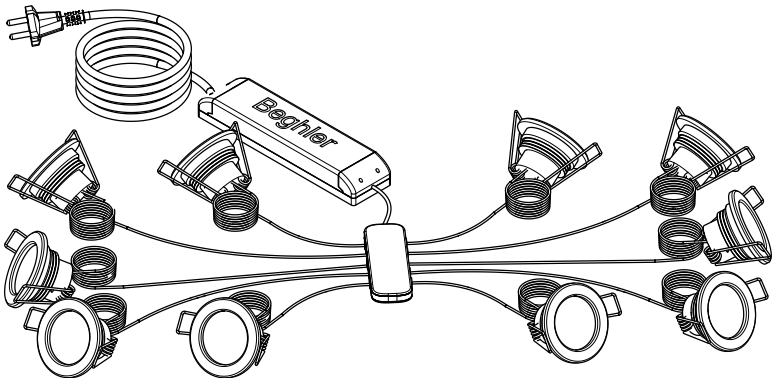
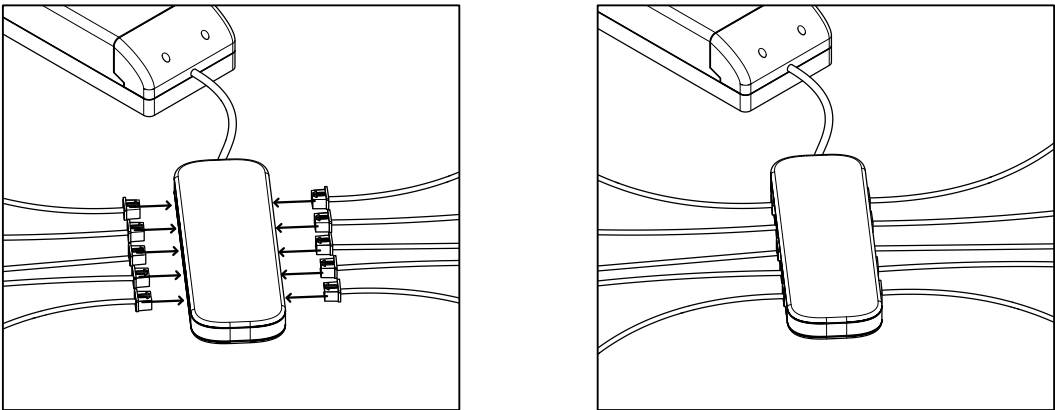
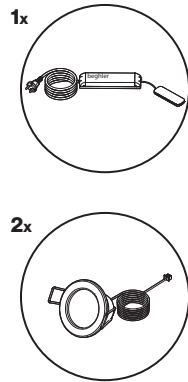
assembly / assemblage / montage

1



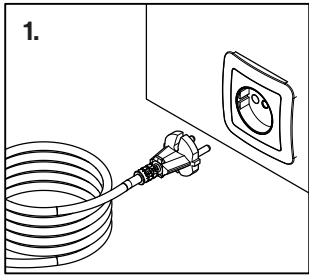
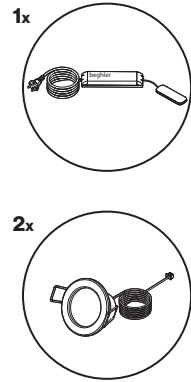
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2

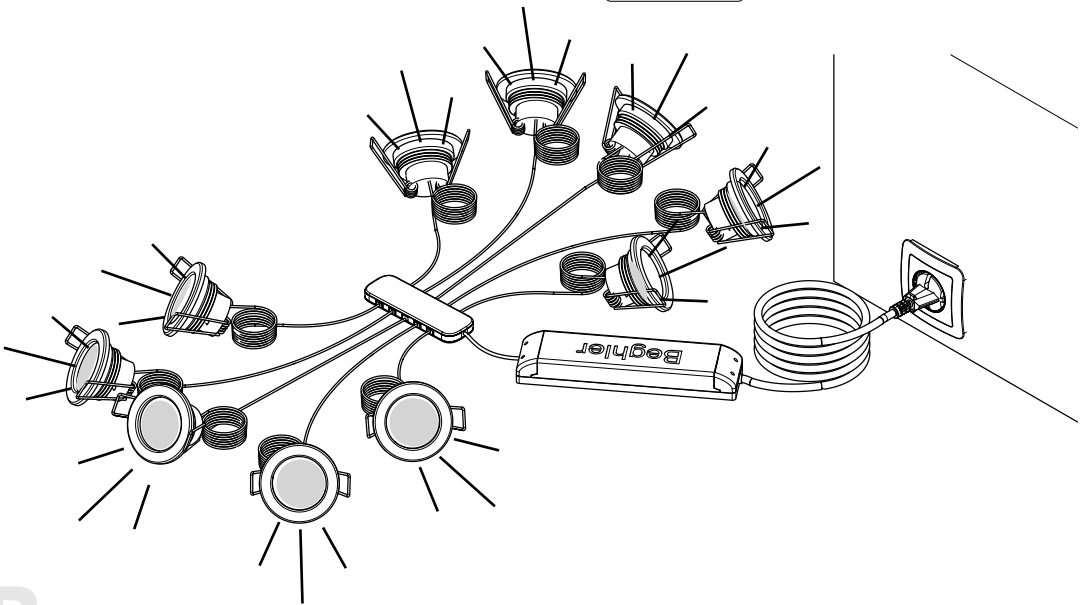
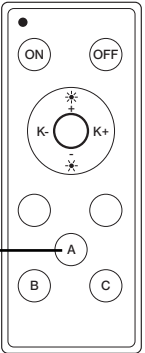
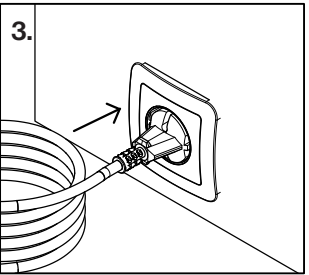


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3

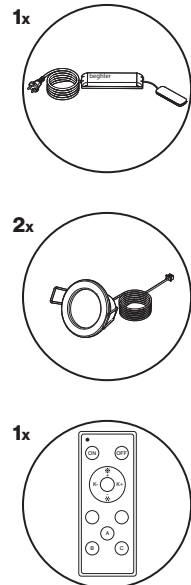


2.
match LEDs with receiver
press and hold until LEDs flash 3 times

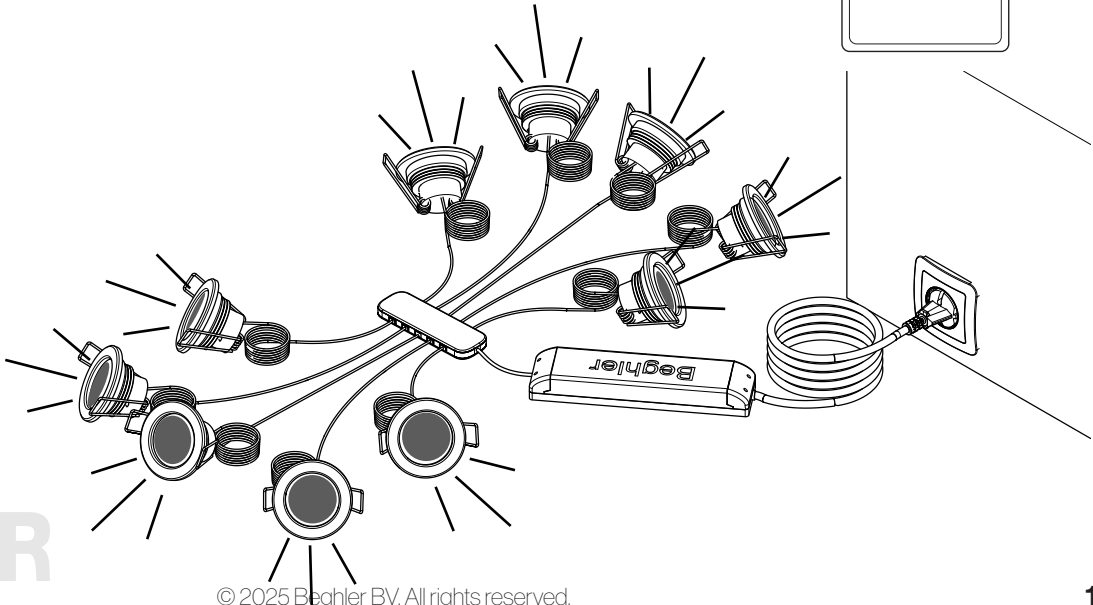
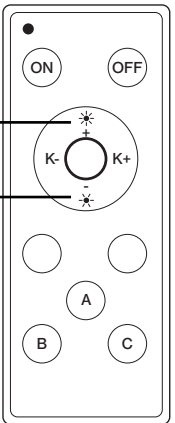


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4

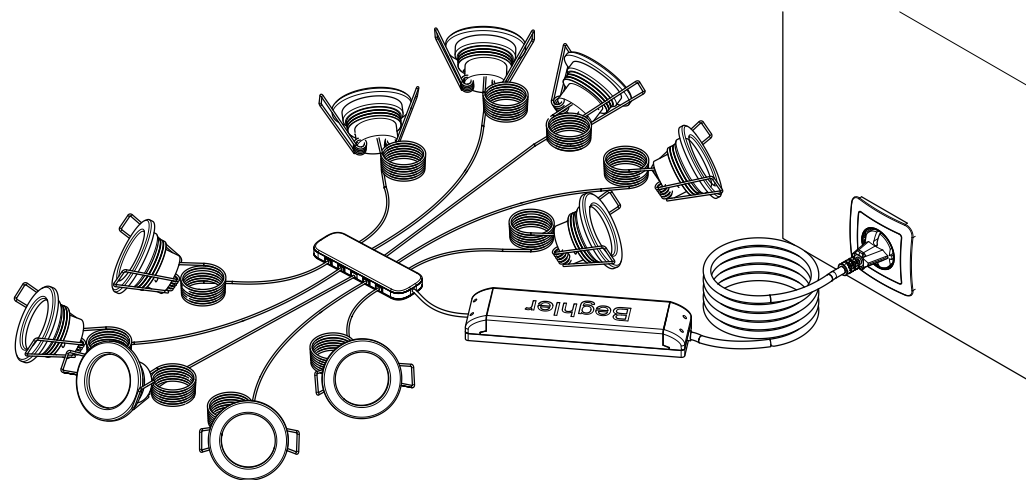
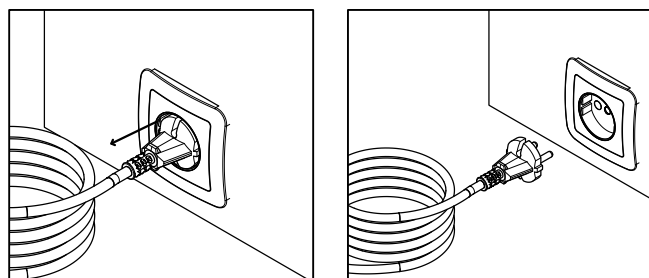
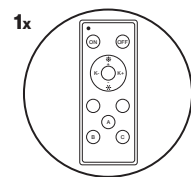
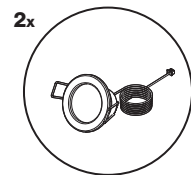
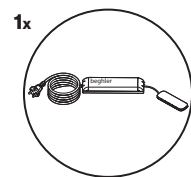


test dim function
+ increase brightness
- decrease brightness



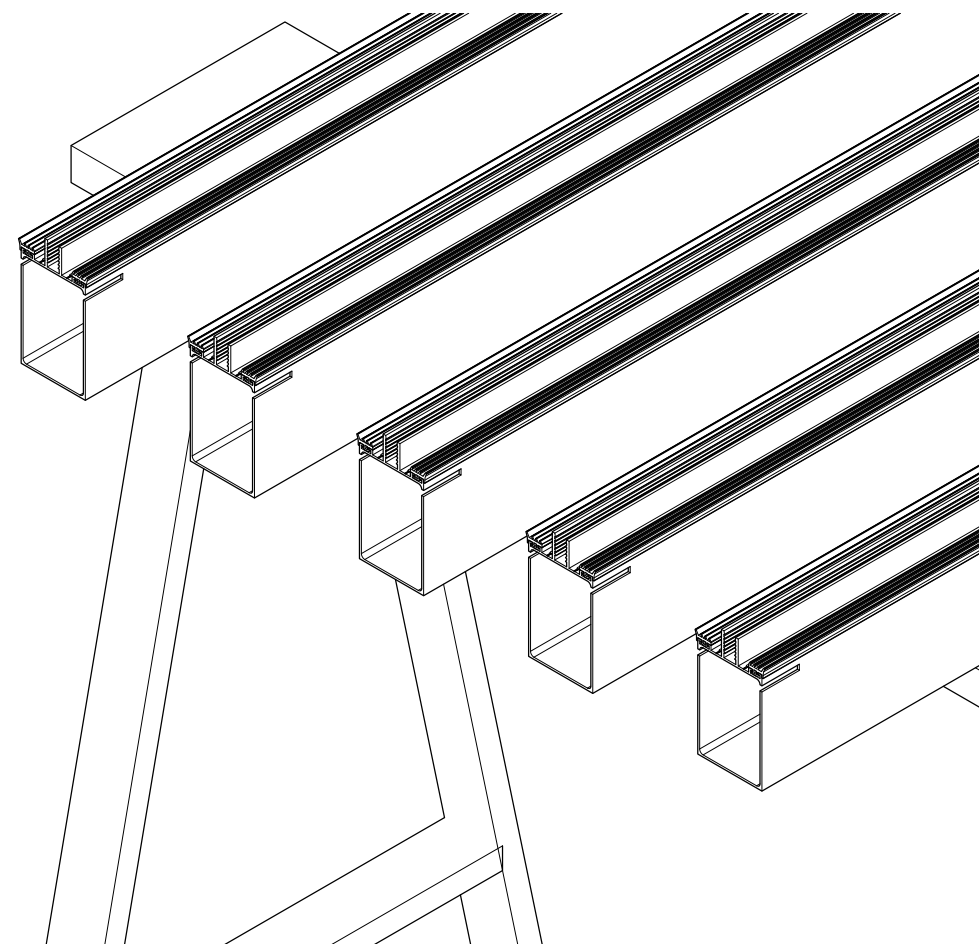
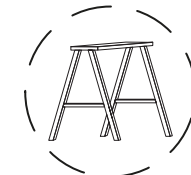
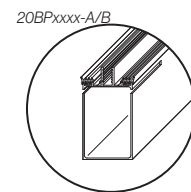
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5



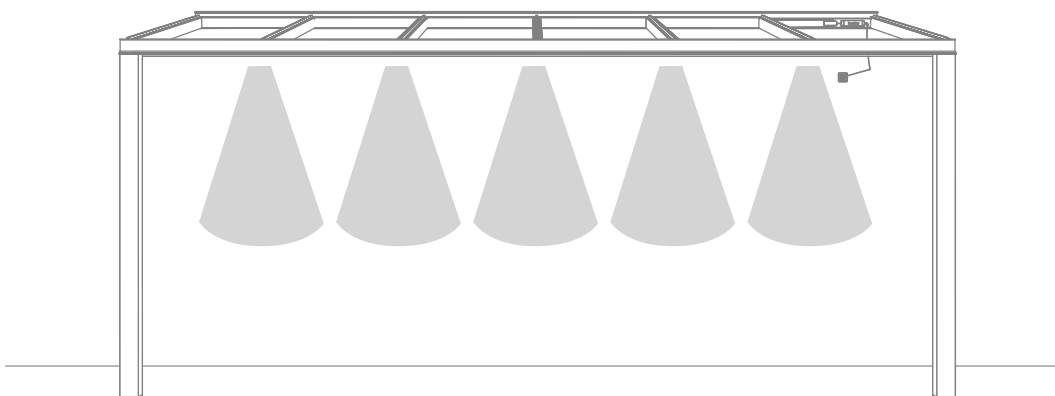
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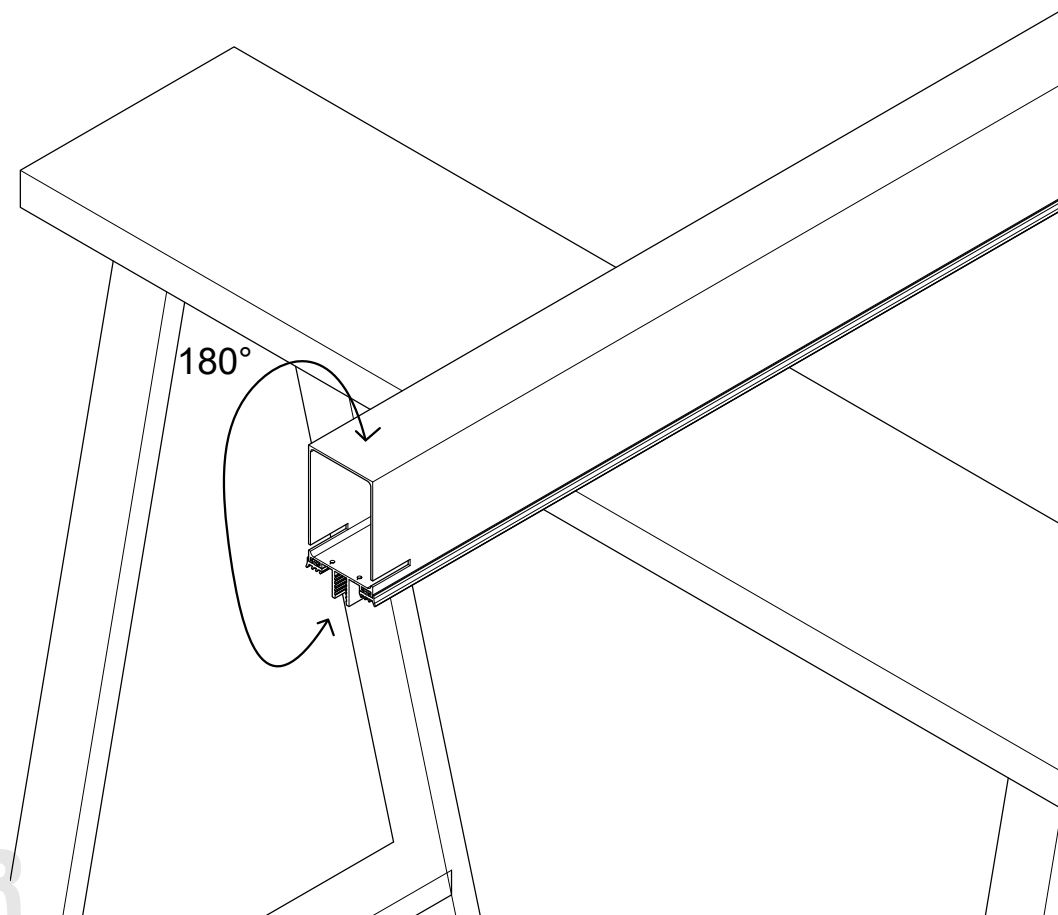
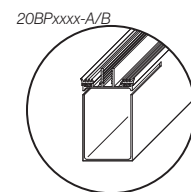
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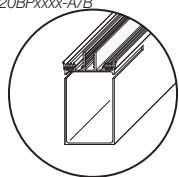
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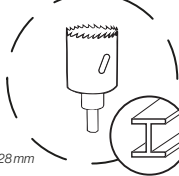
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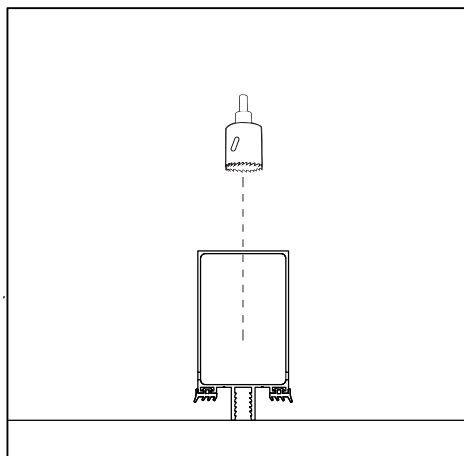
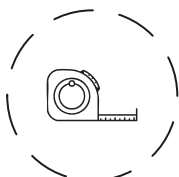
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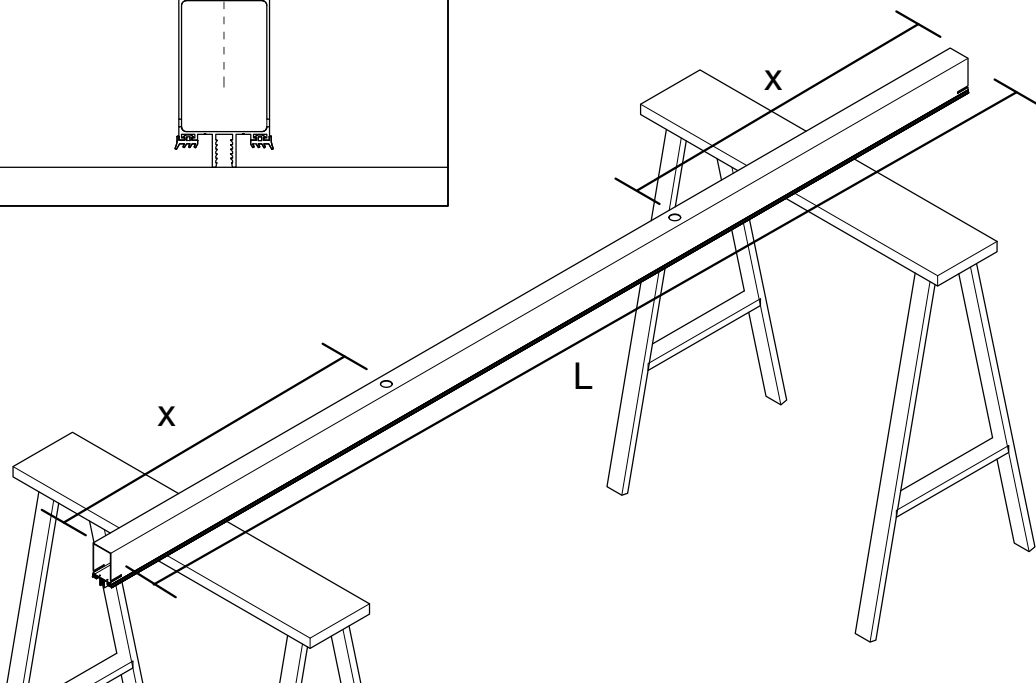
20HS30mm



28mm

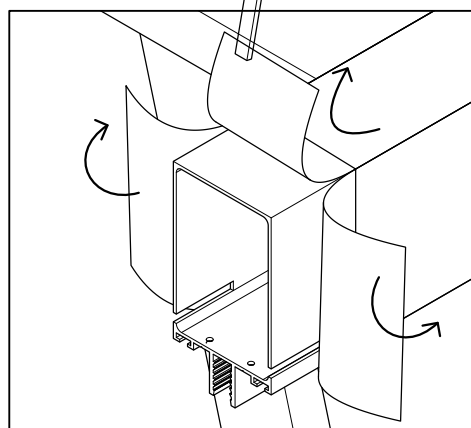
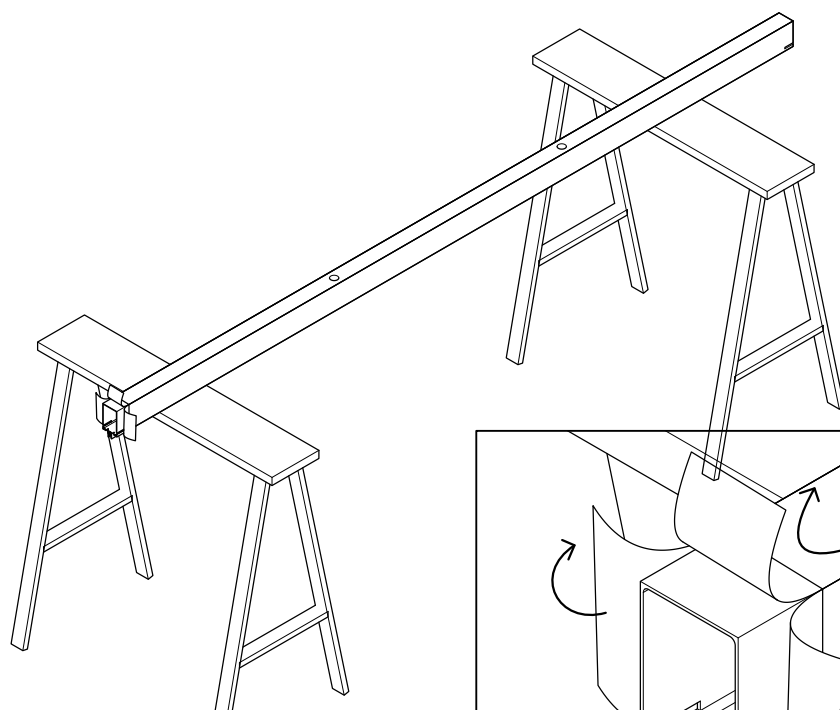


L (cm)	X (cm)
2500	70
3000	80
3500	90
4000	100



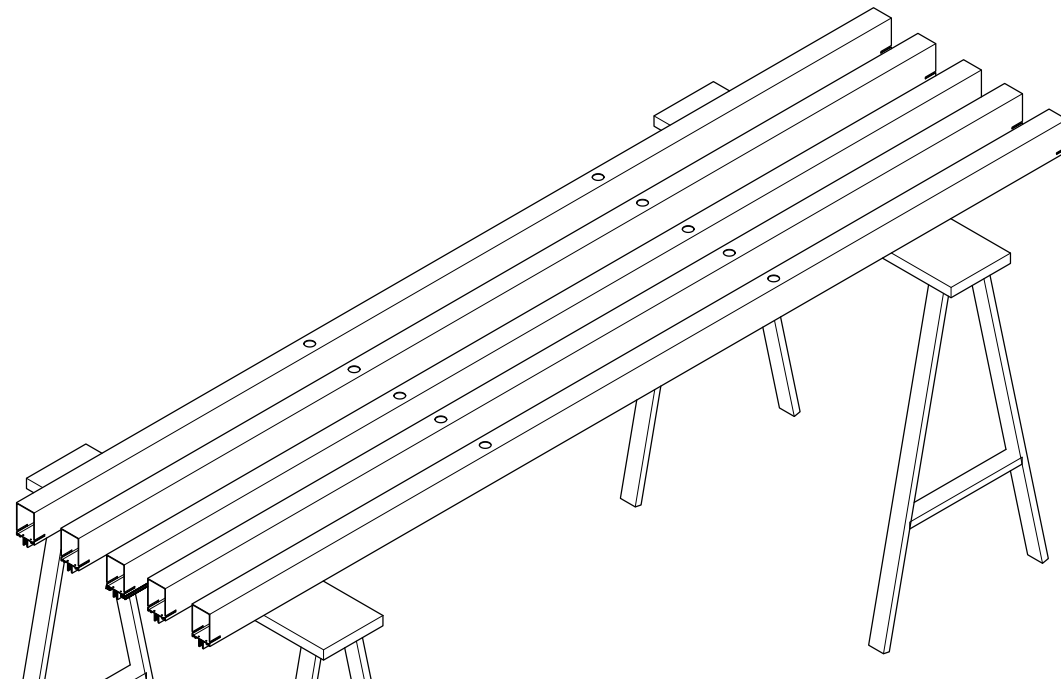
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10



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11

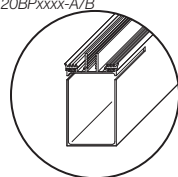


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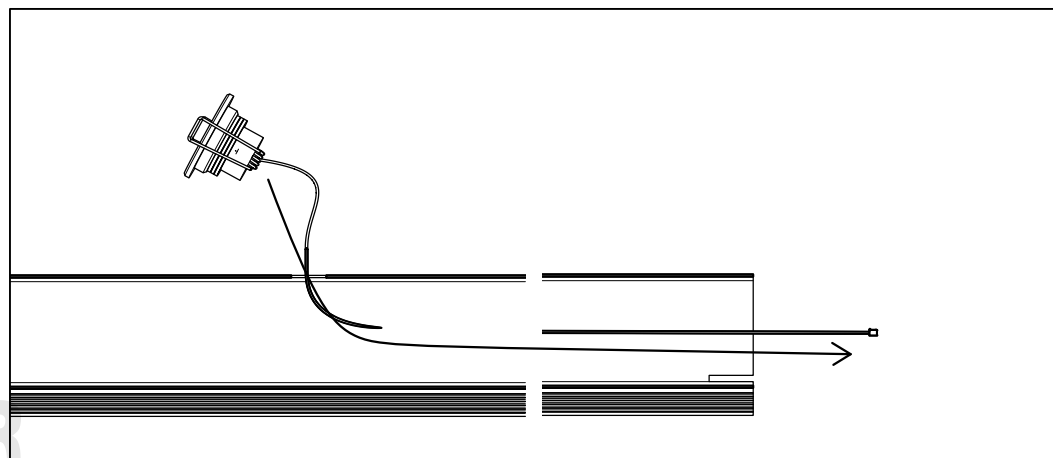
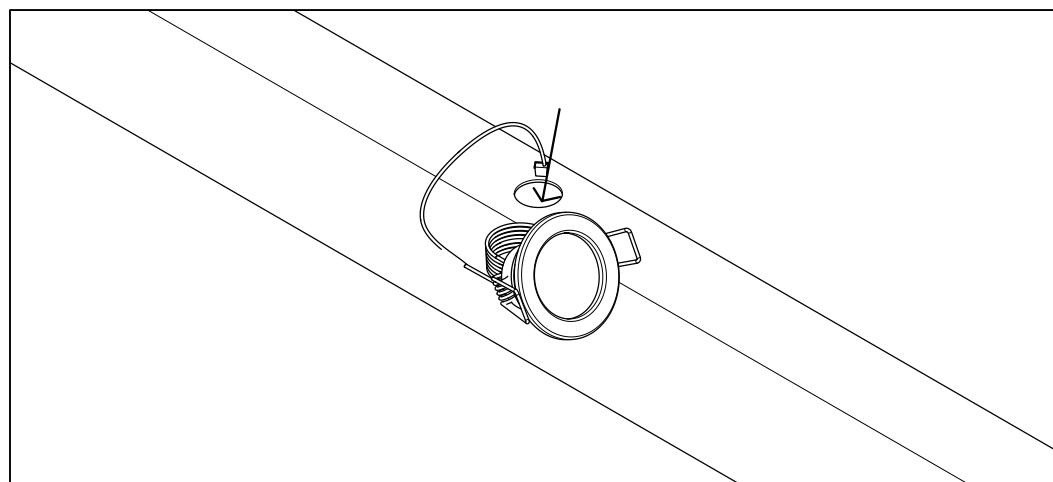
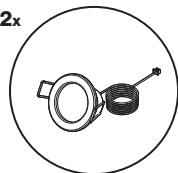
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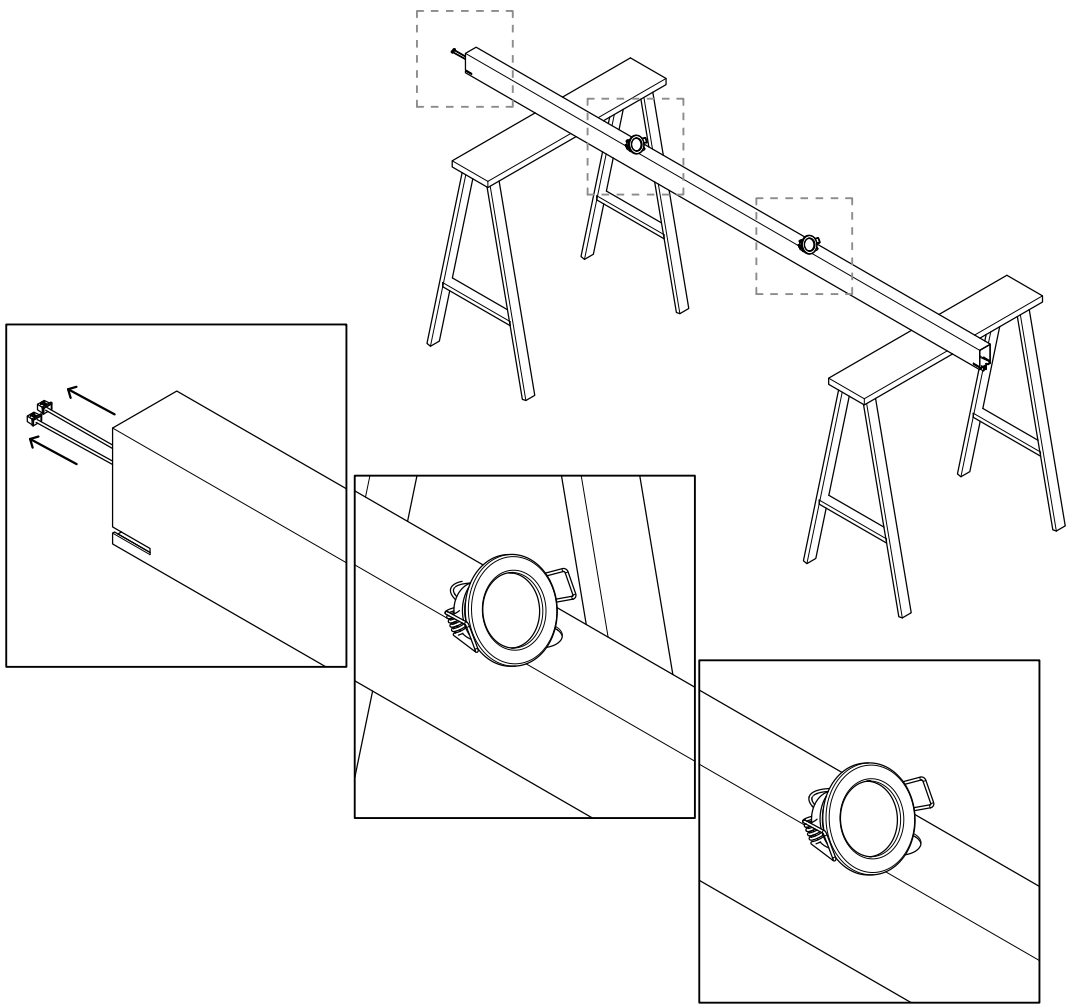
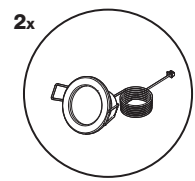


2x



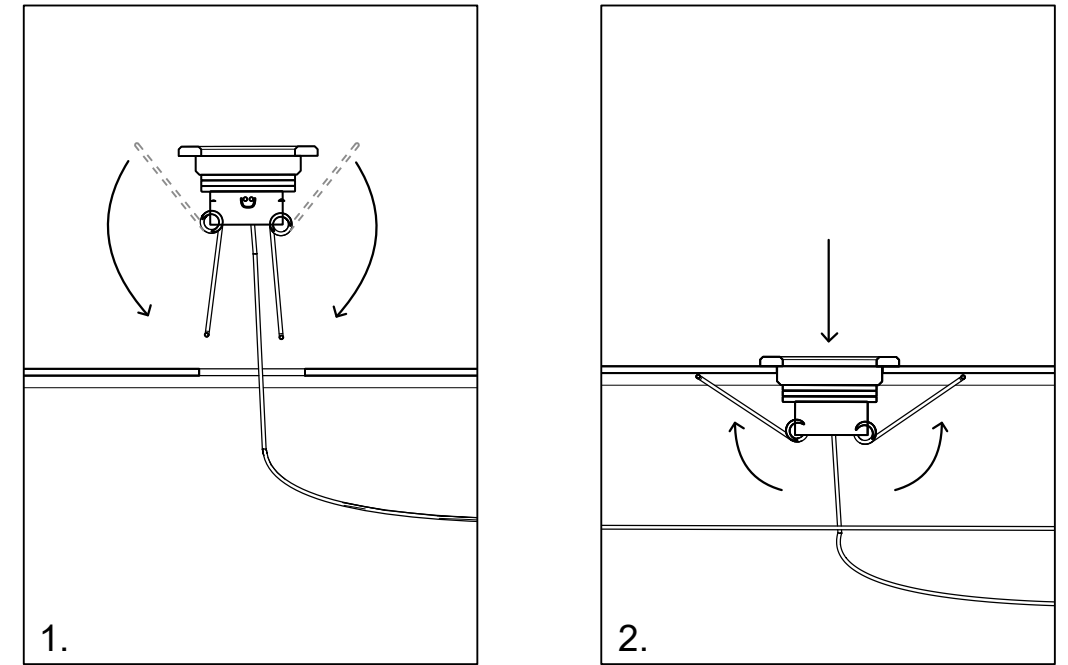
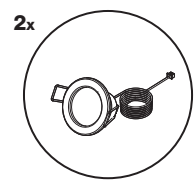
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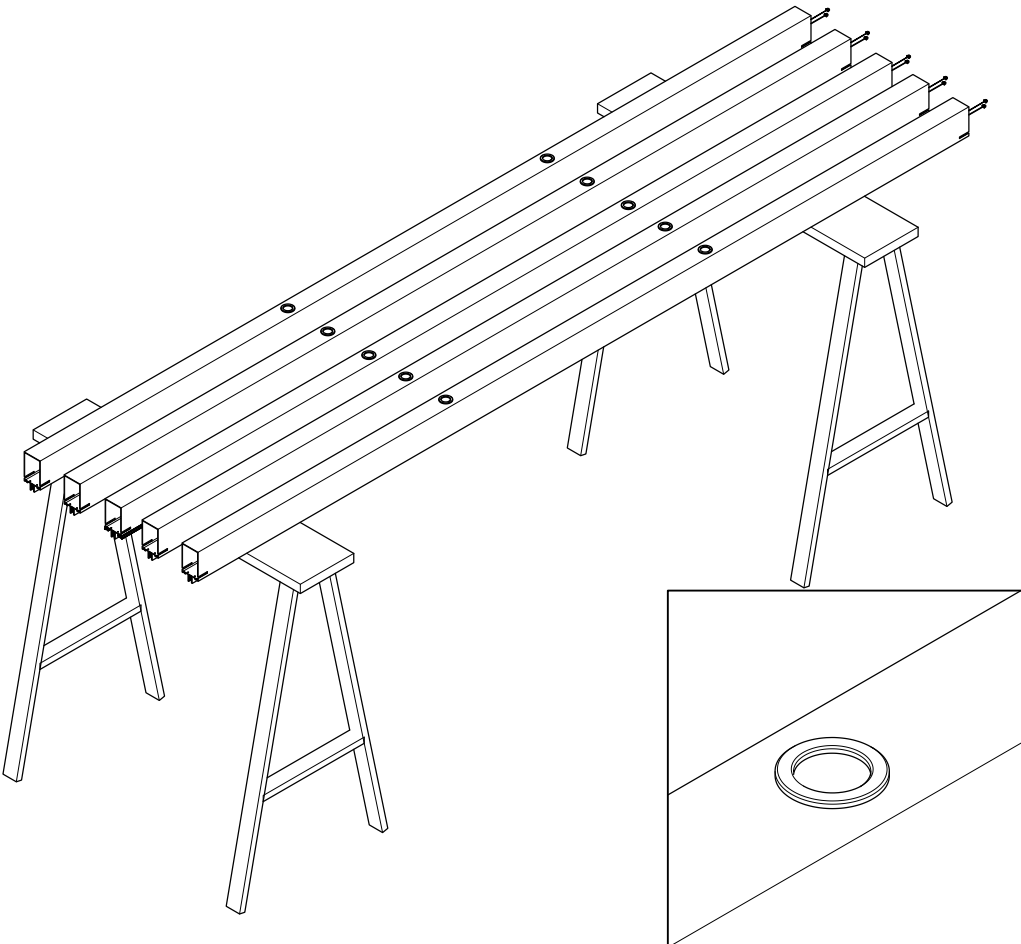
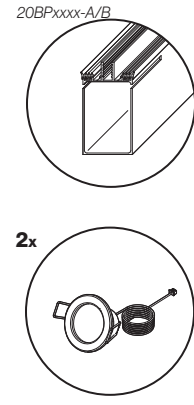
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15



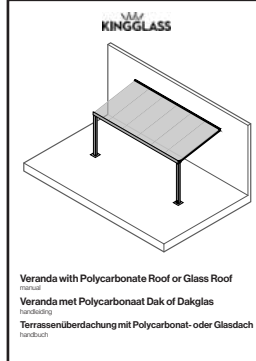
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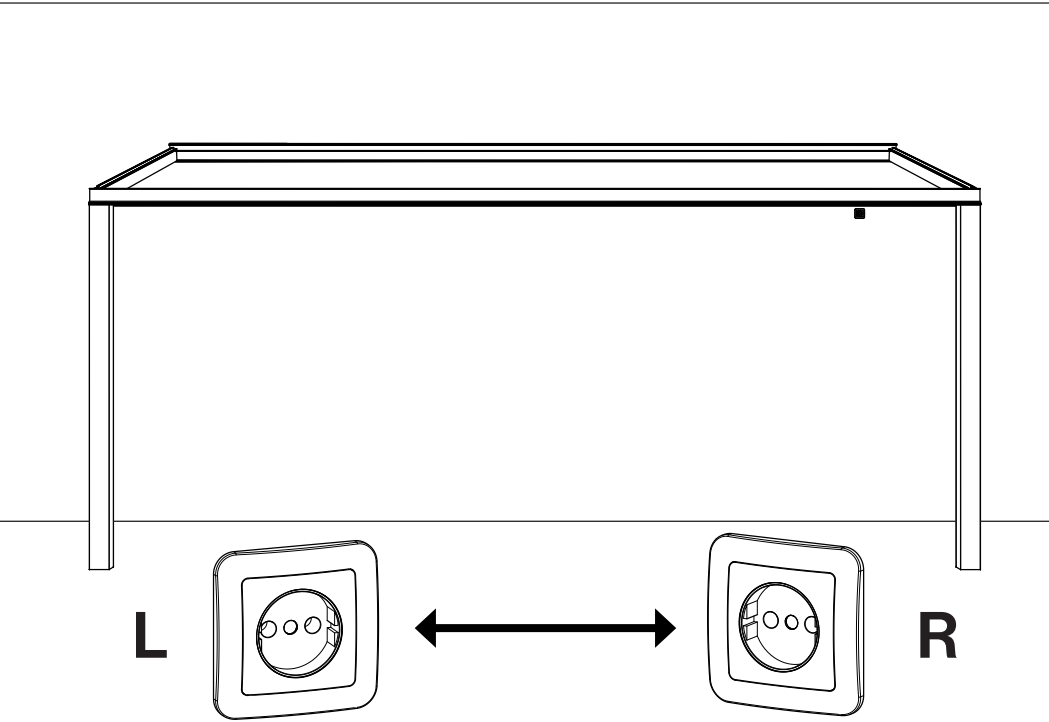
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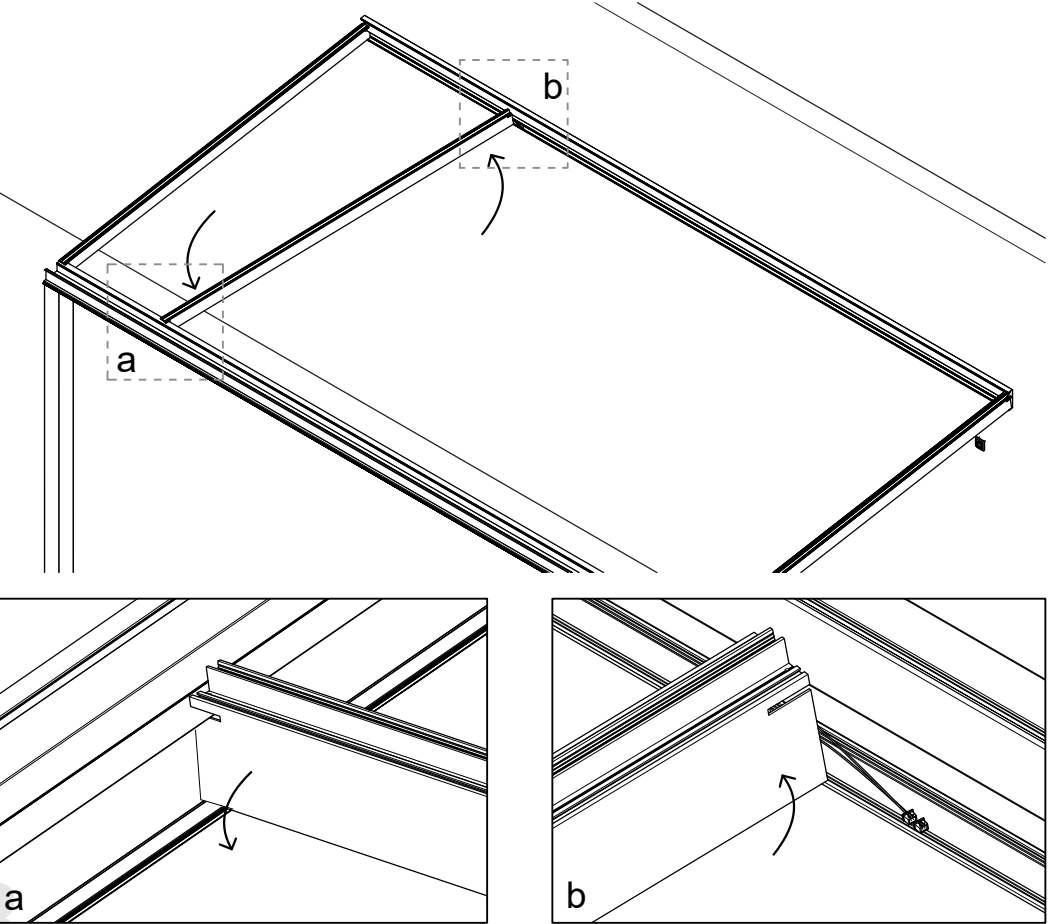
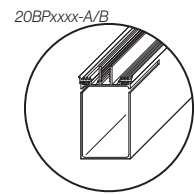
Kehre zurück zur Montage-
Anleitung: Terrassenüberdachung
Siehe **Schritt 12** der Anleitung.

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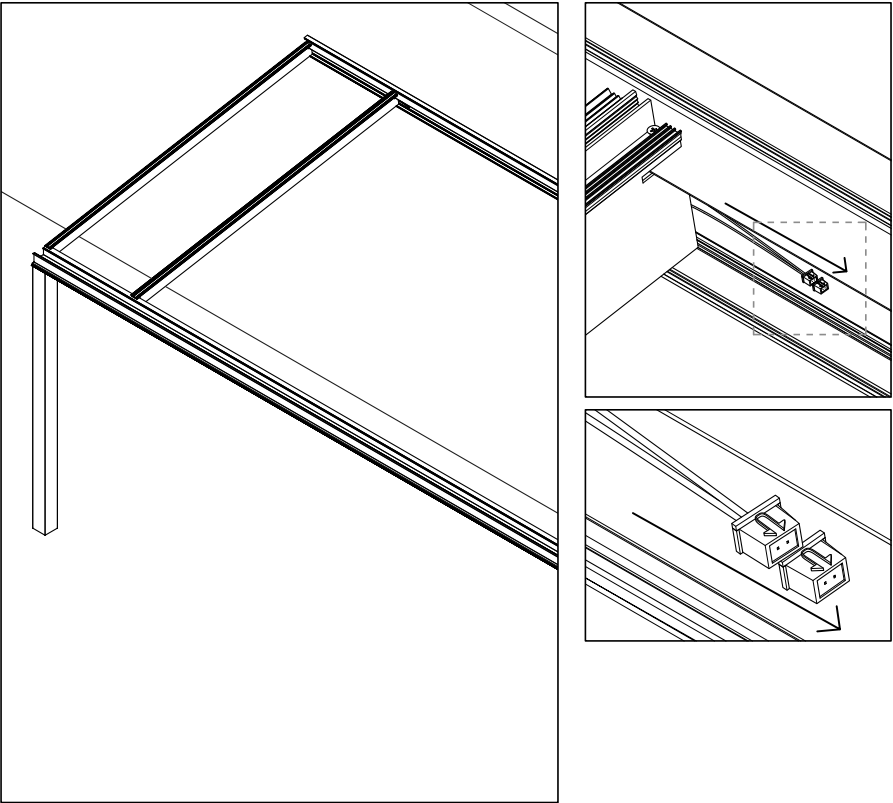
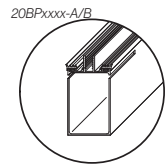




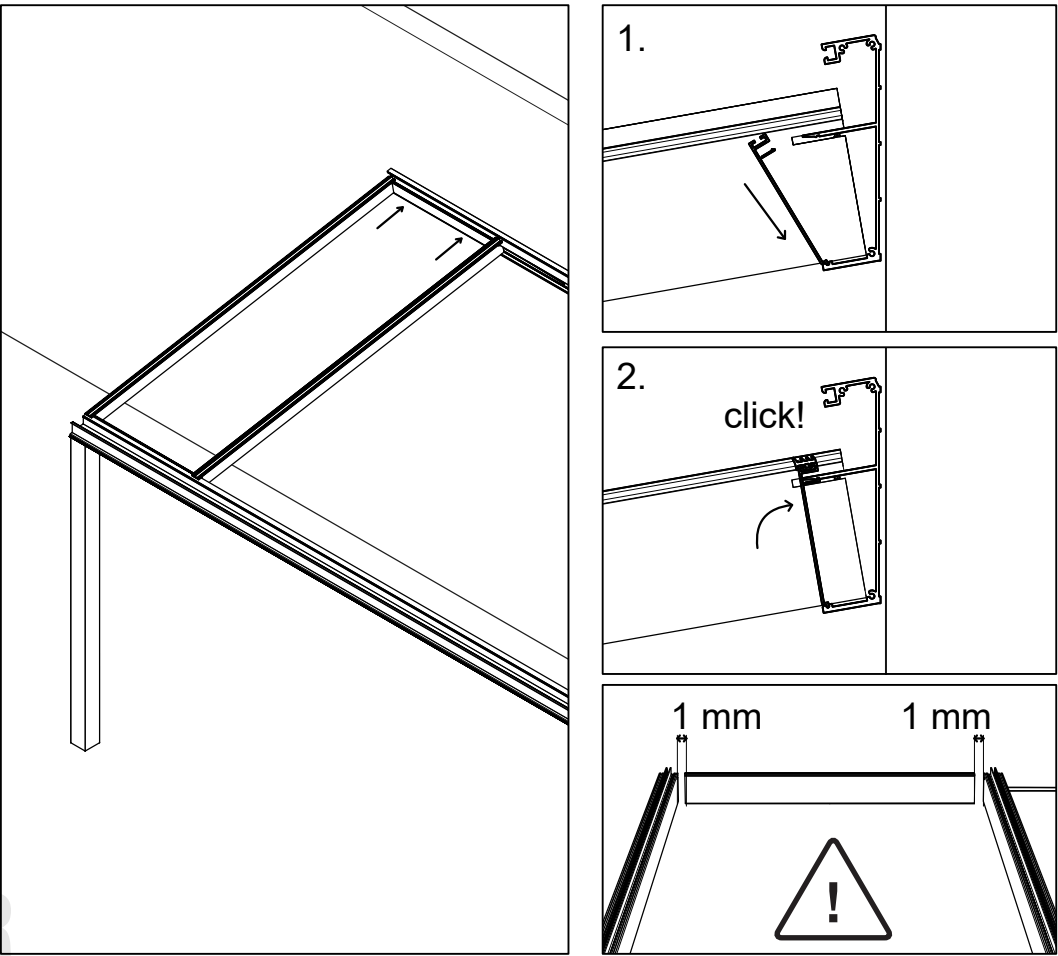
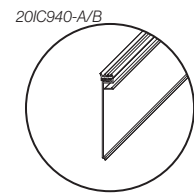
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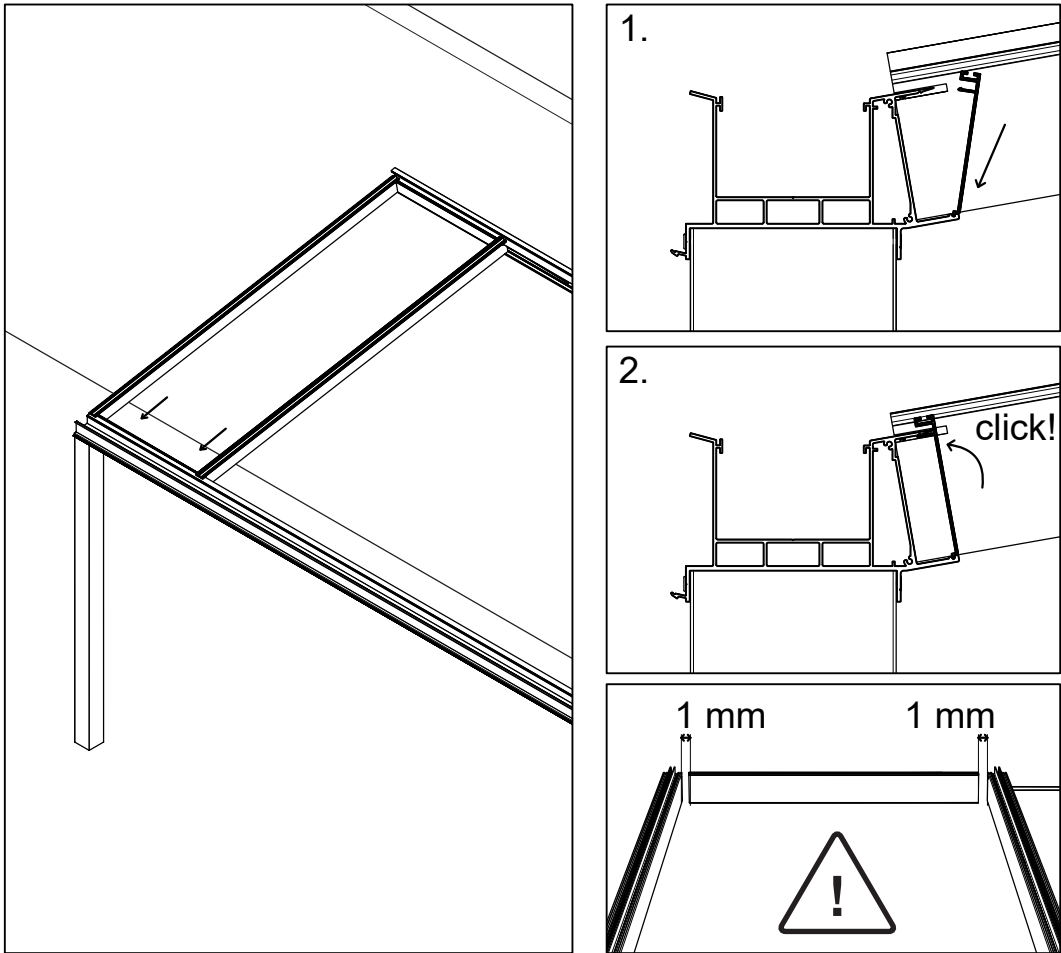
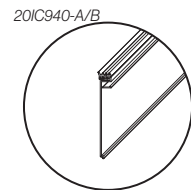


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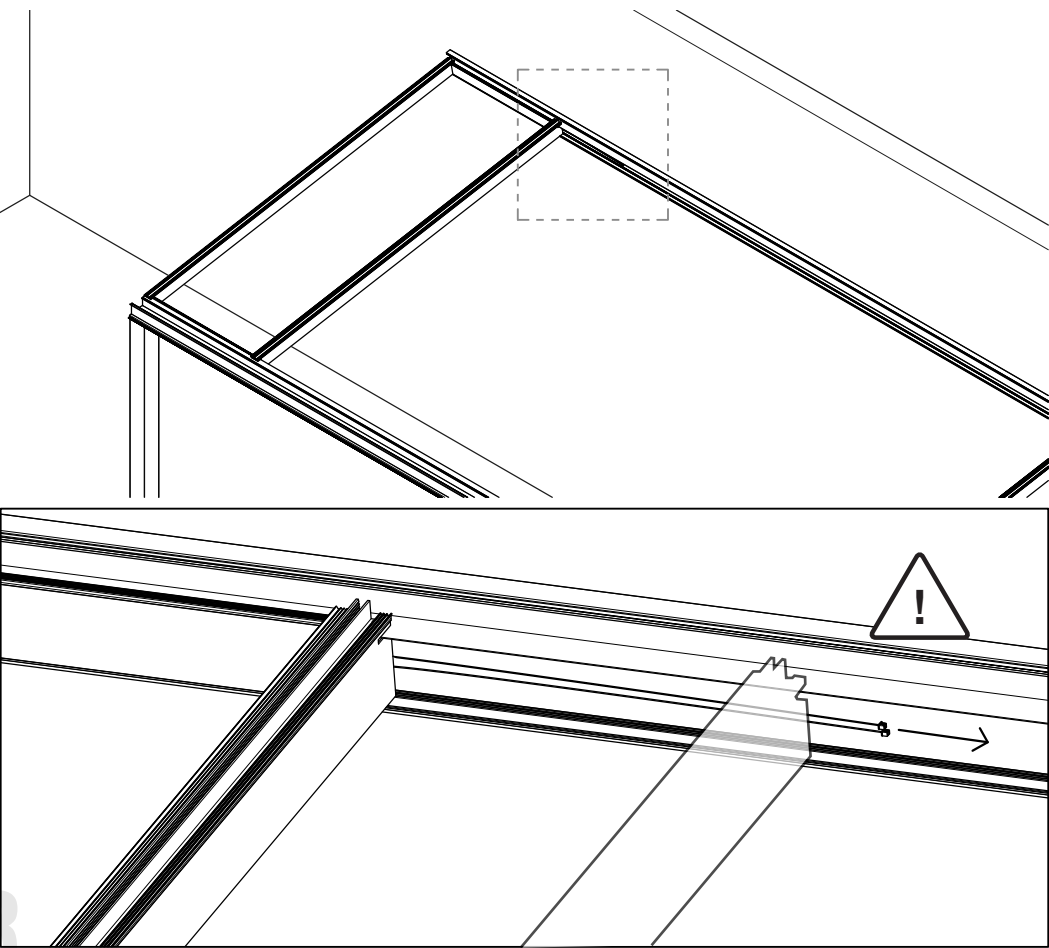
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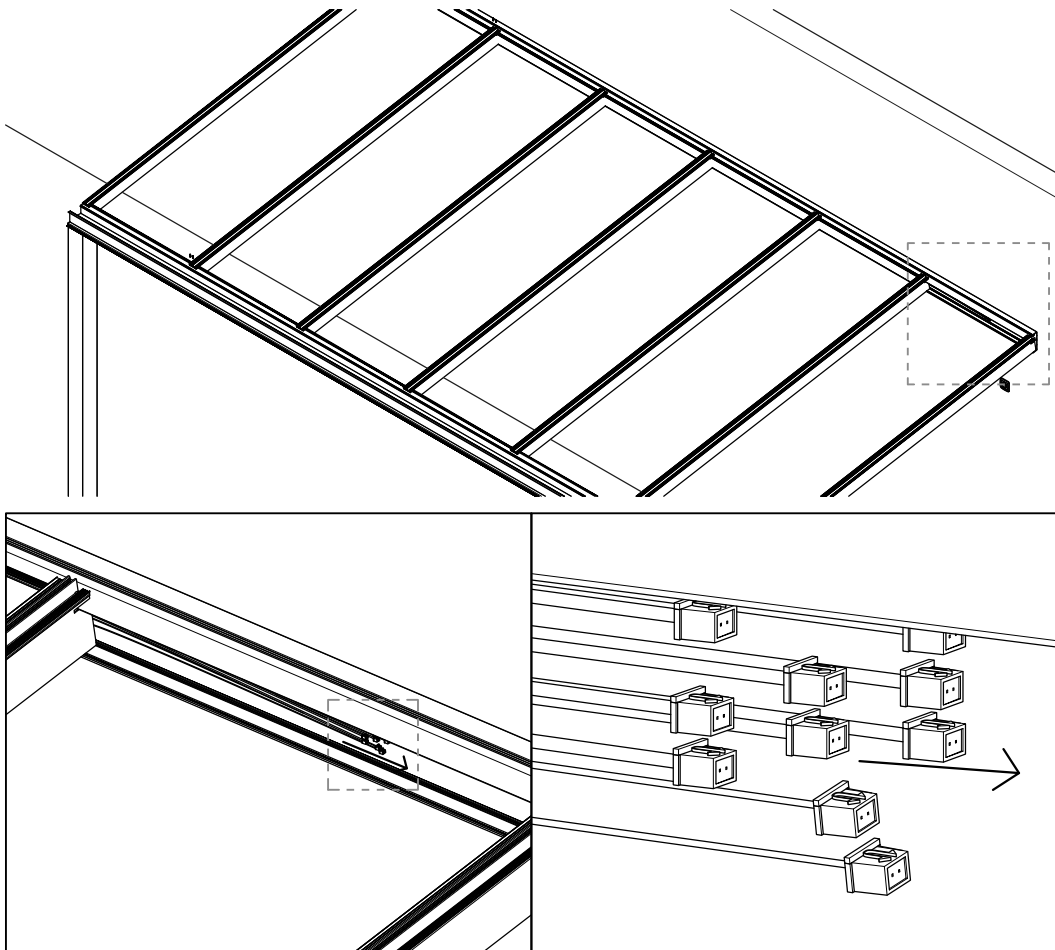
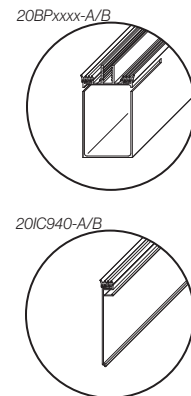
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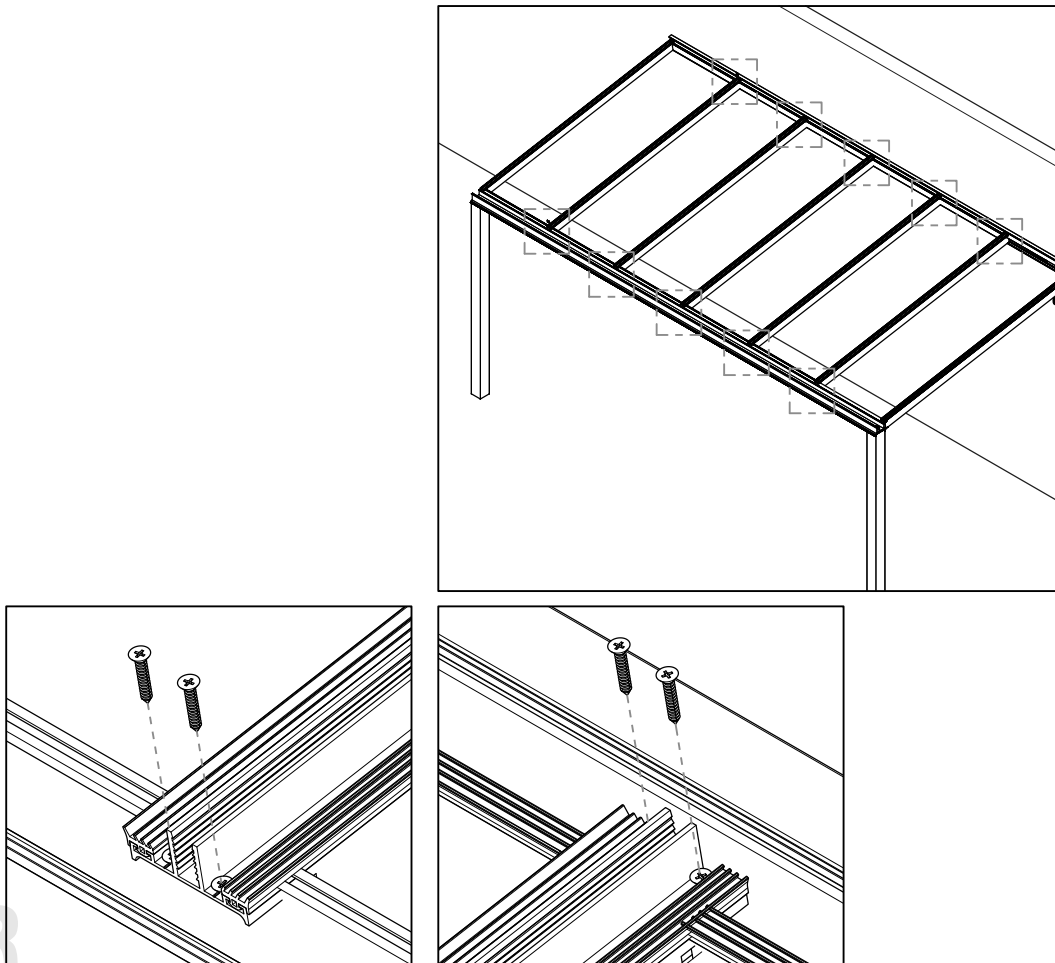
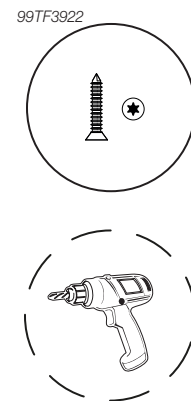
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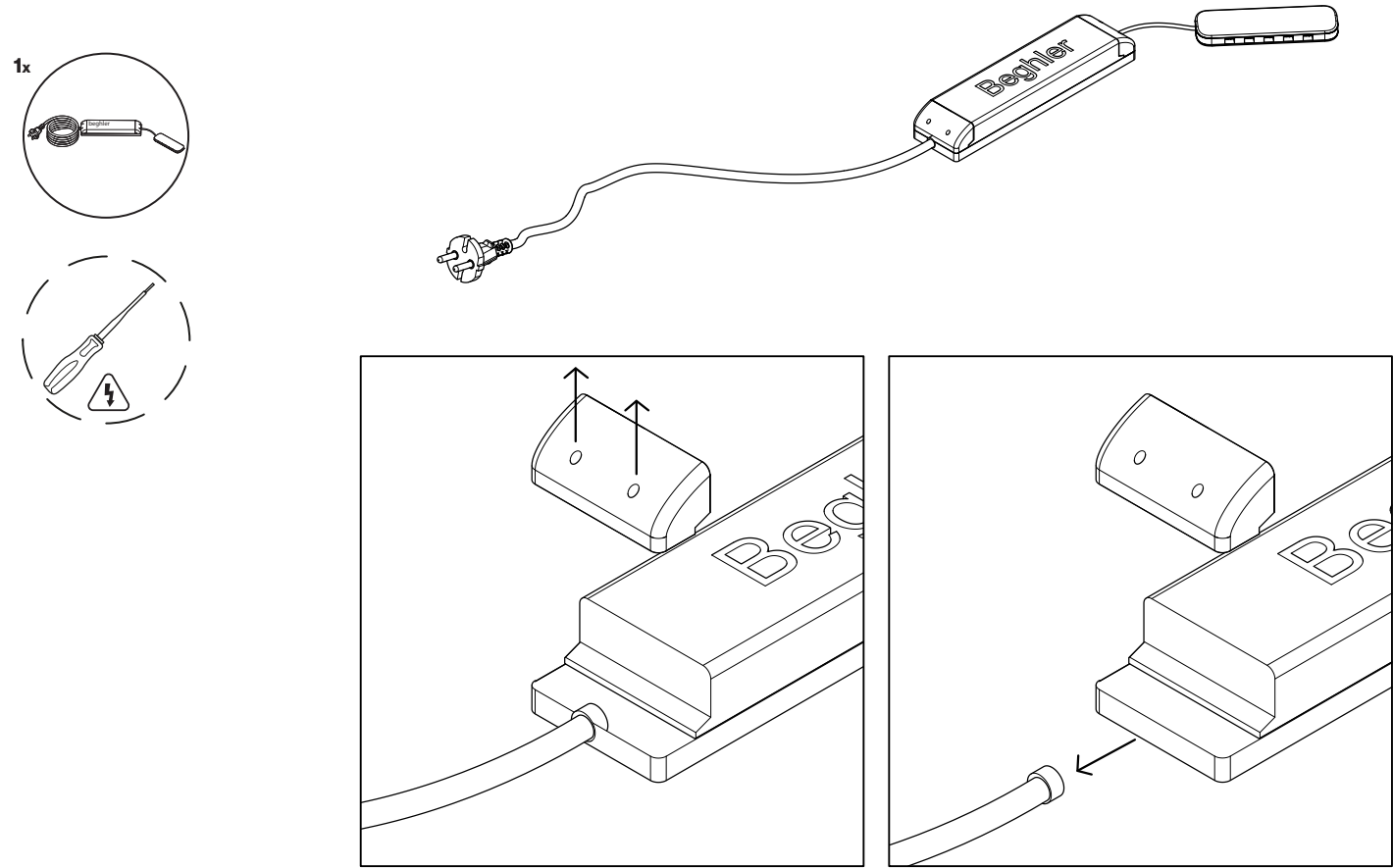
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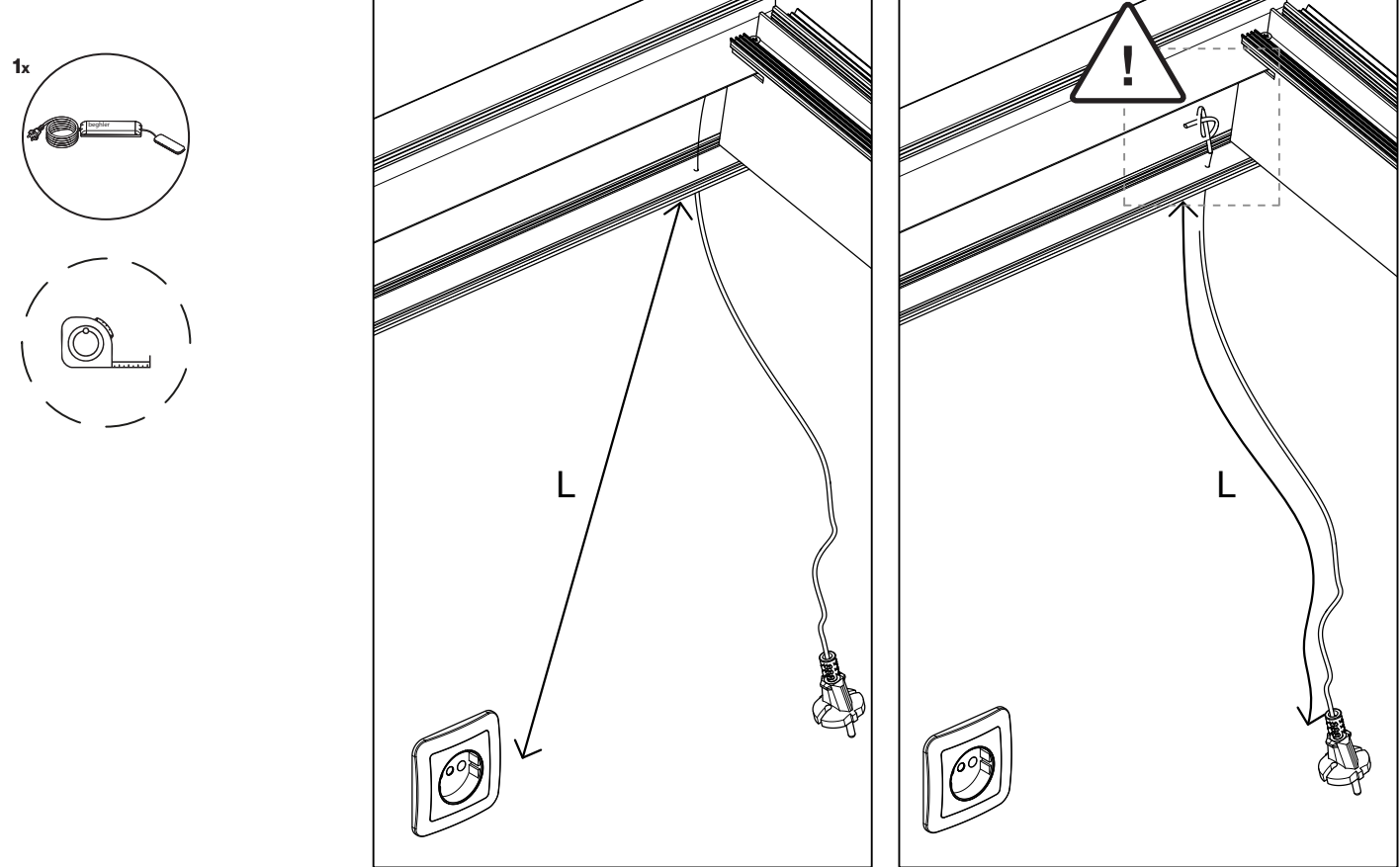
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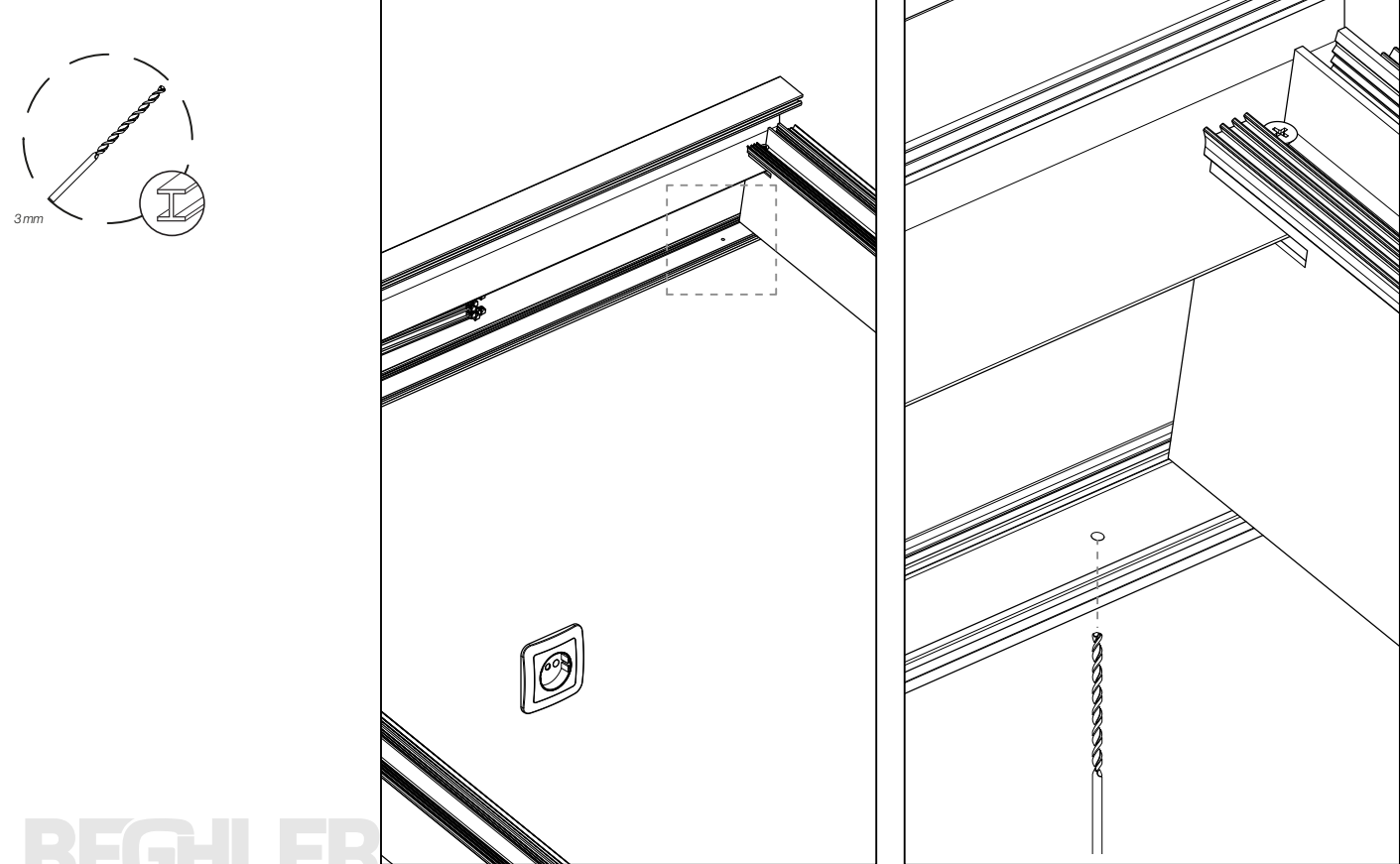
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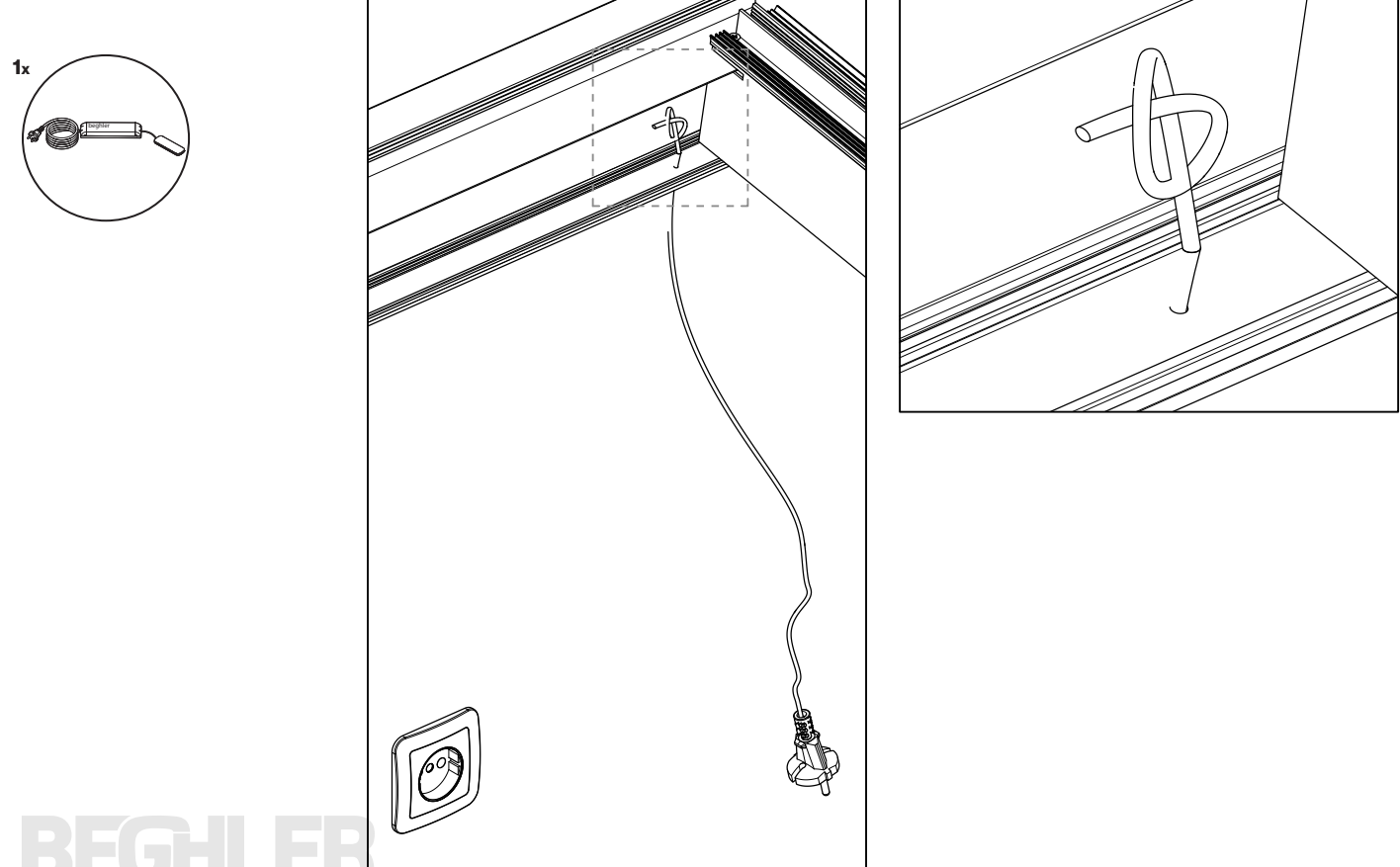
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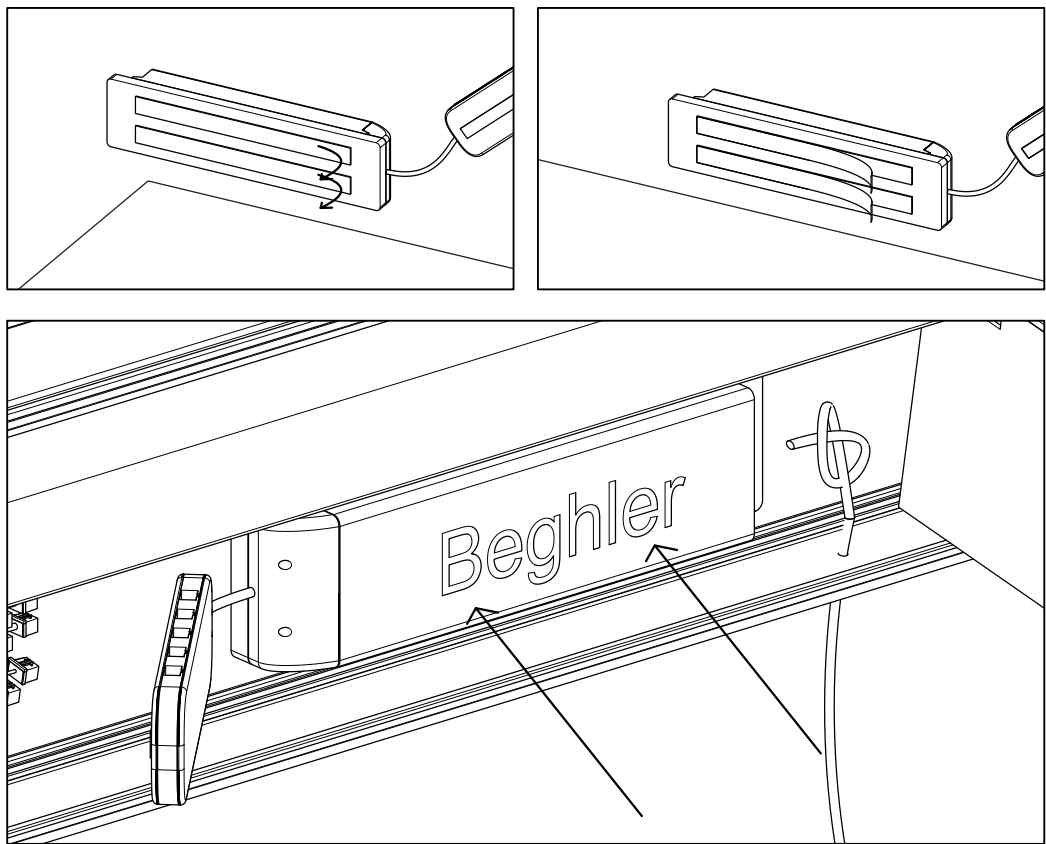
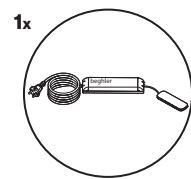
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28



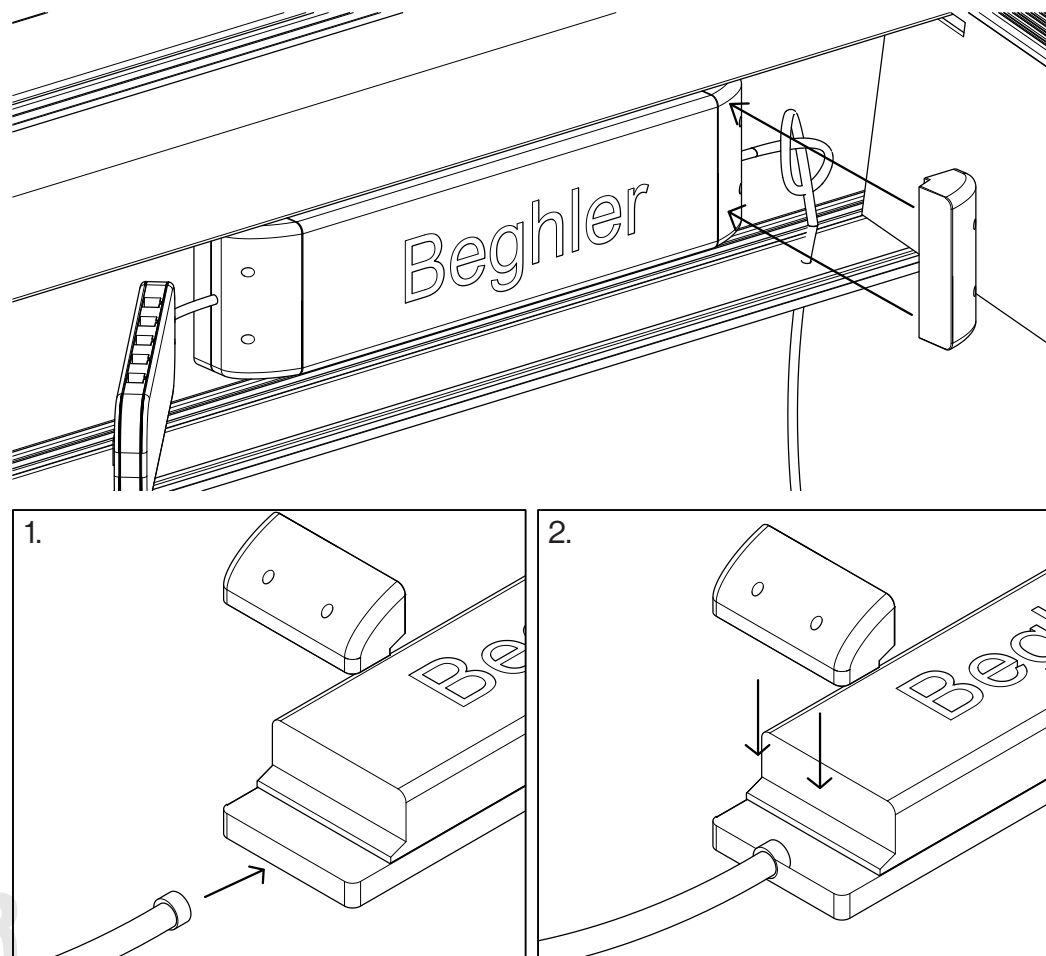
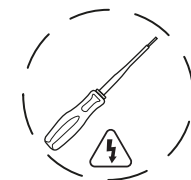
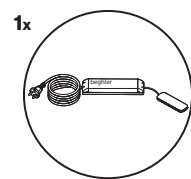
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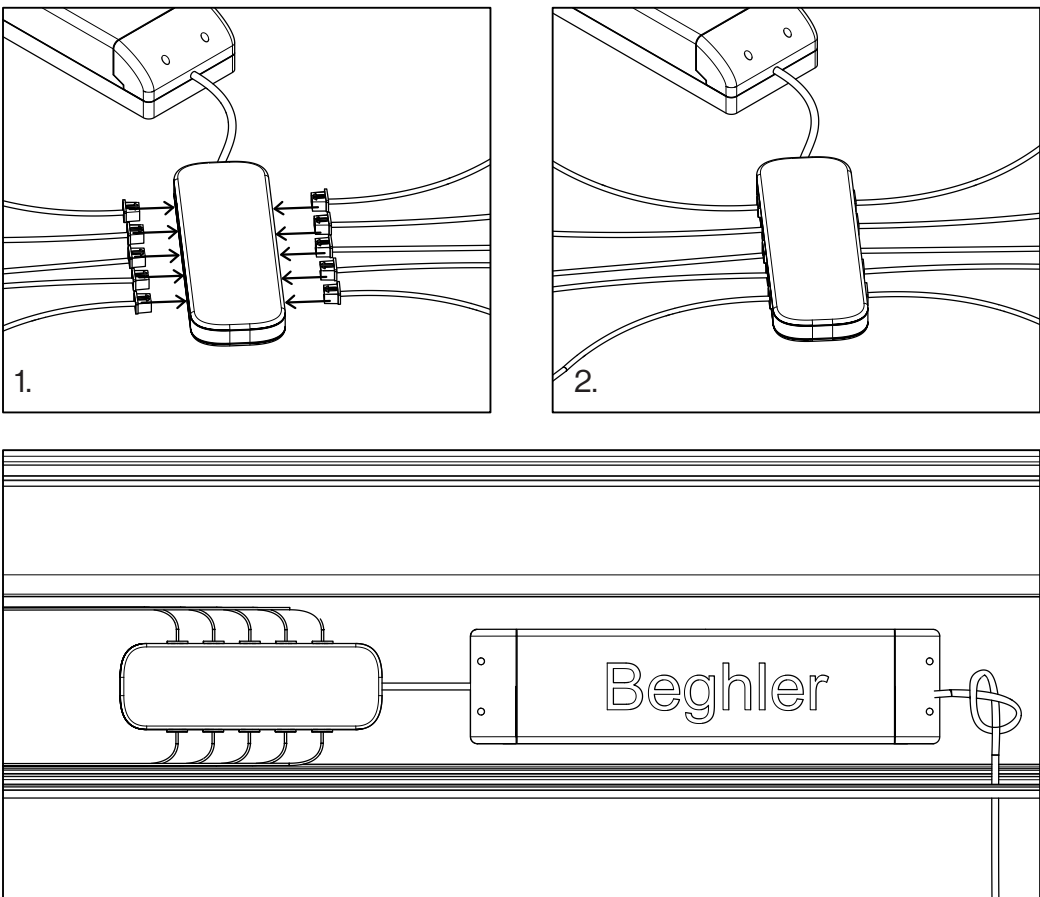
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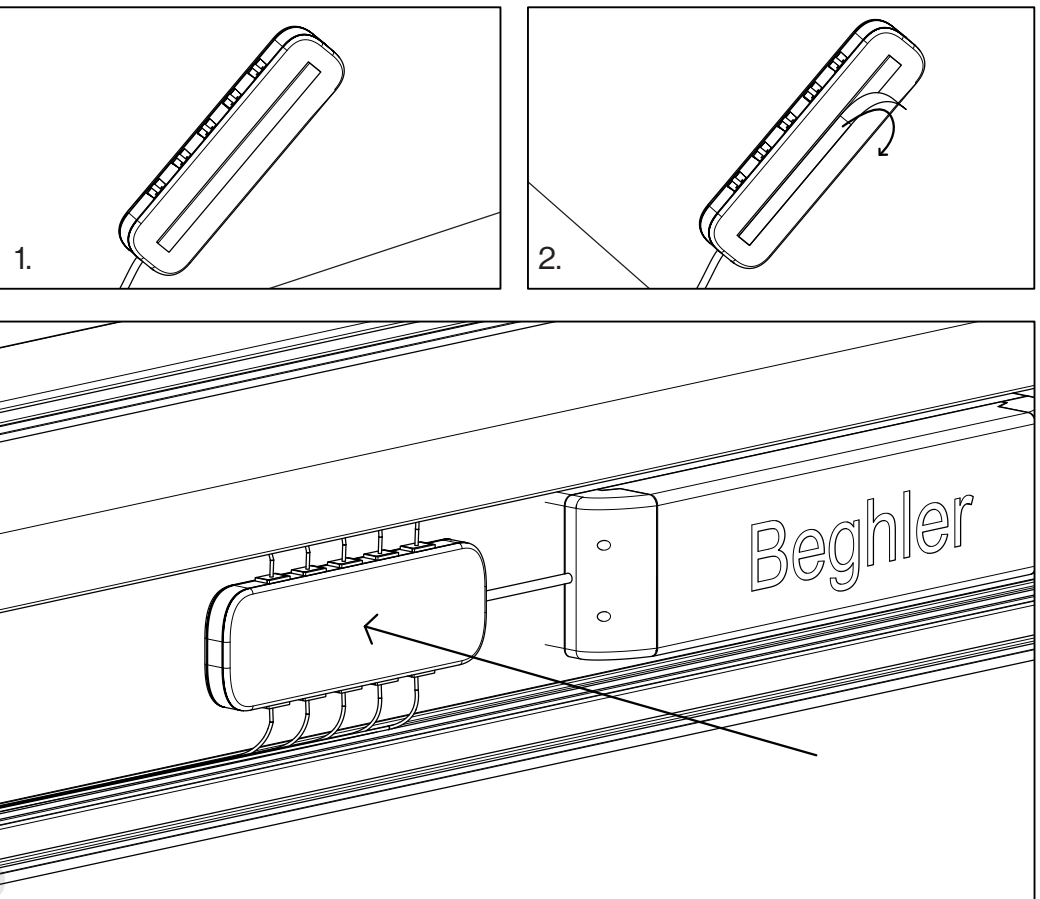
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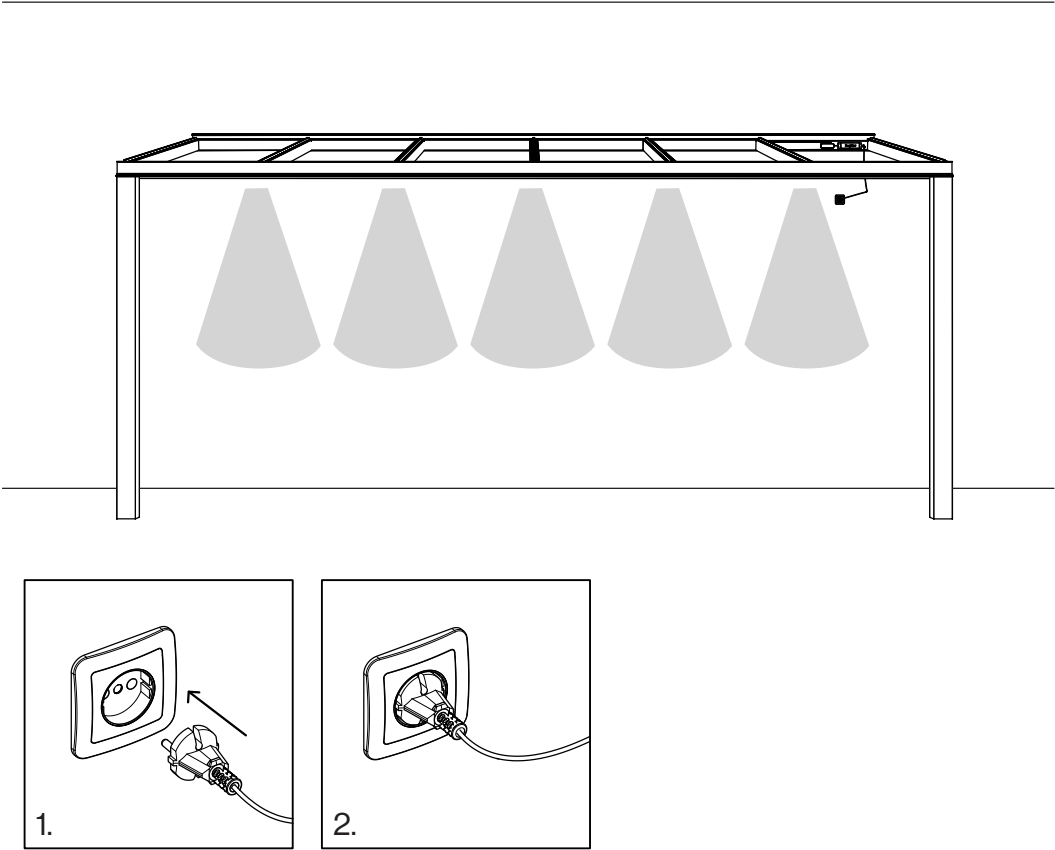


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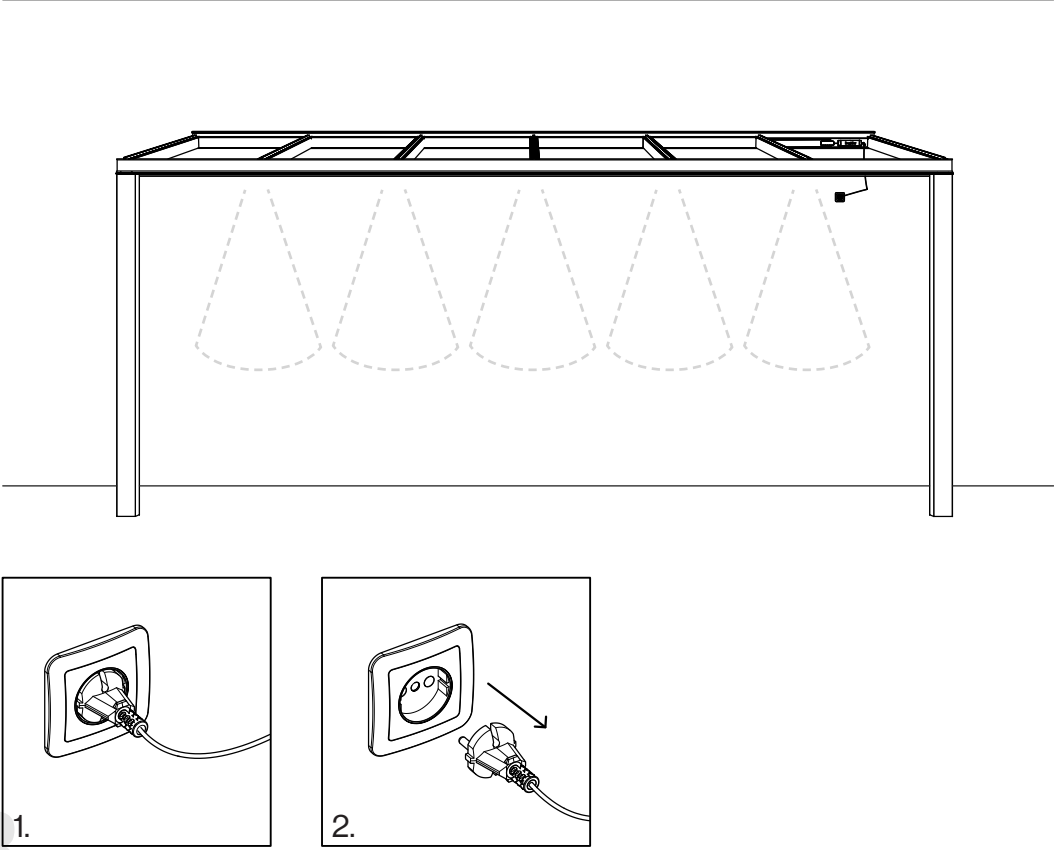
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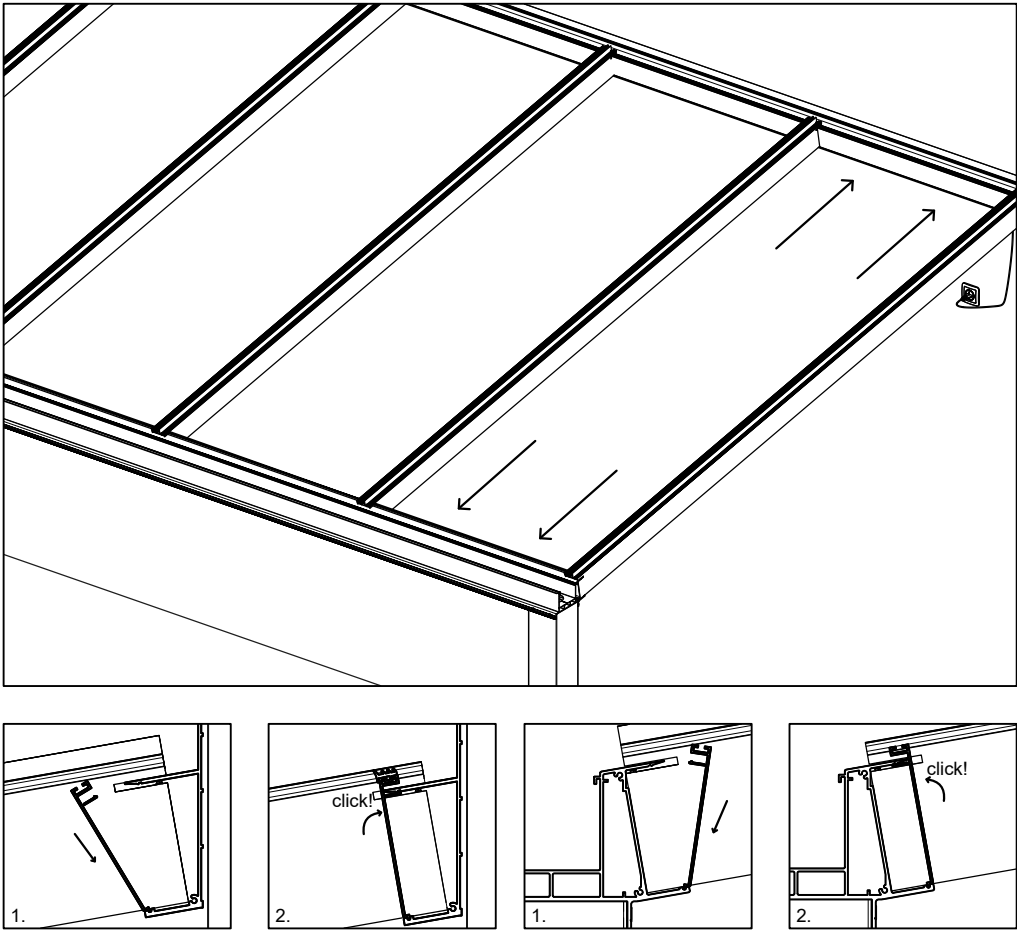
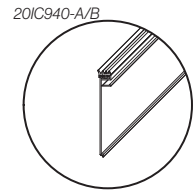
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Kehre zurück zur Montage-
Anleitung: Terrassenüberdachung
Siehe Schritt 57 der Anleitung.

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