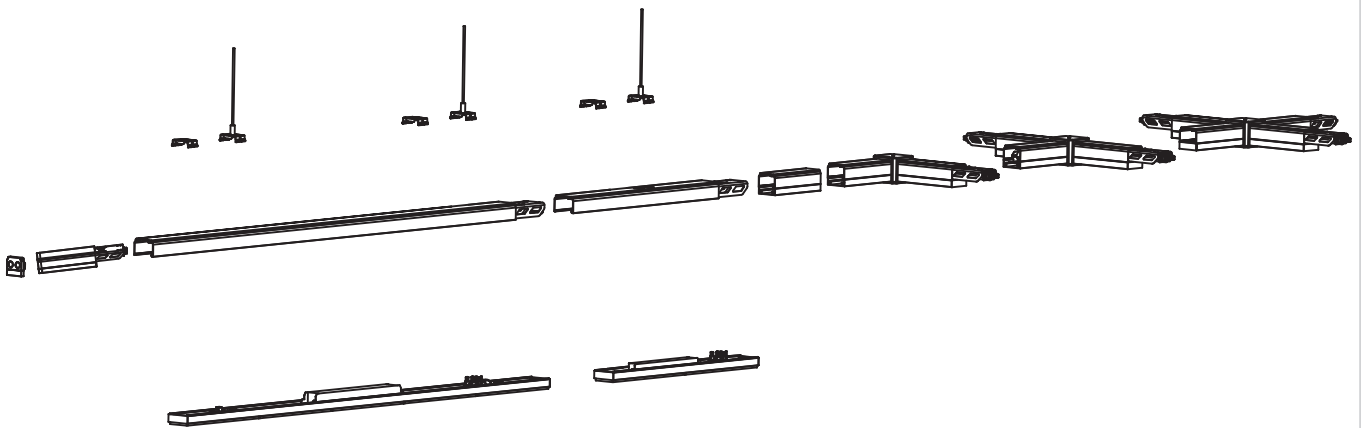
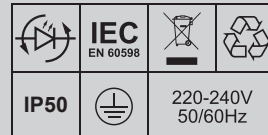


INDU CONTILINE Linear Trunking System

INSTALLATION INSTRUCTIONS

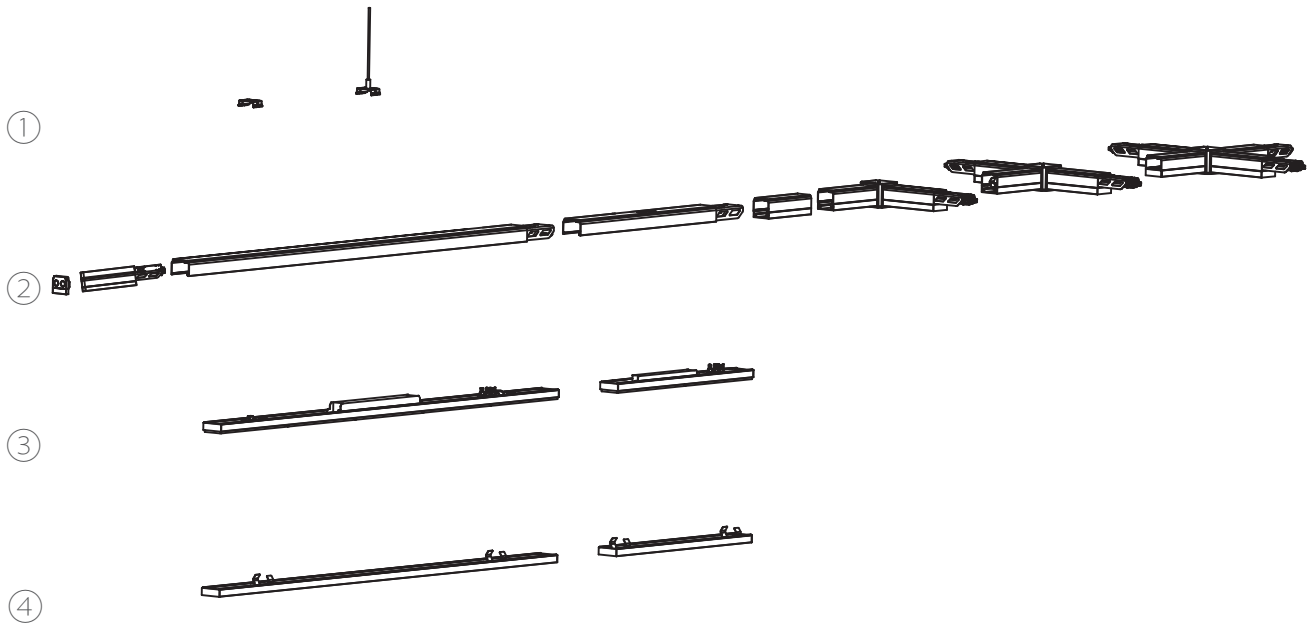


<p>ENG</p>	<p>Connect to the power supply in accordance with national regulation. Terminal block not included. Installation may require advice from a qualified person. For indoor and outdoor use. The product must be grounded. Make sure the construction is strong enough to support the product.</p> <p>The light source fitted in this luminaire shall only be replaced by a Schröder employee or agent or a similar qualified person.</p>	<p>ITA</p> <p>Connettere all'alimentazione in accordo con i regolamenti nazionali. Blocco terminale non incluso. L'installazione può richiedere l'aiuto di personale qualificato. Per uso interno ed esterno. Il prodotto deve essere messo a terra. Assicuratevi che la struttura sia abbastanza solida per sostenere i prodotti.</p> <p>La sorgente luminosa montata in questo apparecchio potrà essere sostituita esclusivamente da un addetto Schröder o da una persona parimenti qualificata.</p>	<p>NLD</p> <p>Houd de nationale regelgeving in acht bij het aansluiten op de voedingsbron. Terminal block niet inbegrepen. Bij de installatie kan advies van een gekwalificeerd persoon benodigd zijn. Voor gebruik binnen en buiten. Het product moet geaard zijn. Wees er zeker van dat de constructie sterk genoeg om de producten te ondersteunen.</p> <p>De lichtbron in dit verlichtingsstelsel zal alleen vervangen worden door een medewerker, agent of vergelijkbaar gekwalificeerd persoon van Schröder.</p>	<p>TUR</p> <p>Güç kaynağına ulusal mevzuata uygun şekilde bağlayınız. Terminal bloğu hariç. Kurulum nitelikli bir kişinin gözetiminde veya tavsiyesiyle yapılabilir. İç ve dış mekân kullanımına uygundur. Ürün topraklanmalıdır. Yapının bu ürünü destekleyebilecek yeterli güce sahip olduğundan emin olun.</p> <p>Bu armatüre yerleştirilmiş olan ışık kaynağı, sadece bir Schröder çalışanı veya acentesi veya benzer nitelikli bir kişi tarafından değiştirilebilir.</p>
<p>DEU</p>	<p>Schließen Sie die Spannungsversorgung gemäß den nationalen Vorschriften an. Kein Anschlussblock enthalten. Die Installation kann die Beratung durch eine qualifizierte Person erfordern. Geeignet für die Innen- und Außenbeleuchtung. Achten Sie darauf, dass das Produkt geerdet ist. Stellen Sie sicher, dass der Aufbau in jeder Hinsicht eine ausreichende Festigkeit aufweist, um die Produkte zu unterstützen.</p> <p>Die eingebaute Lichtquelle in der Leuchte sollte nur von einem Schröder-Mitarbeiter oder Vertreter oder einer ähnlichen qualifizierten Person ersetzt werden.</p>	<p>POL</p> <p>Podłączenie do sieci zasilającej wykonać zgodnie z krajowymi przepisami. Przewód ochronny powinien być właściwie podłączony. Oprawa dostarczana jest z przewodem zasilającym (bez dodatkowych zacisków przyłączeniowych). Oprawy mogą być montowane tylko przez wykwalifikowane osoby posiadające odpowiednie uprawnienia elektryczne. Oprawy do zastosowania wewnętrznego i zewnętrznego. Przed montażem upewnić się, że konstrukcja do której mocuje się oprawy jest odpowiednio wytrzymała.</p> <p>Źródło światła zamontowane w tej oprawie może być tylko wymienione przez pracownika Schröder lub przez inną wykwalifikowaną osobę.</p>	<p>RUS</p> <p>Подключение к источнику питания в соответствии с национальными правилами. Клеммная колодка не входит в комплект поставки. Установка может потребовать консультации у квалифицированного специалиста. Для эксплуатации внутри и вне помещений. Продукт должен быть заземлен. Убедитесь, что конструкция достаточно прочная, чтобы выдержать вес светильника.</p> <p>Источник света, установленный в этом светильнике, должен заменяться только сотрудником Schröder, или специалистом аналогичной квалификации.</p>	<p>UKR</p> <p>Підключення до електромережі відповідно до вимог локальних нормативних документів. Клемма колодка не входить в комплект. Установка може потребувати консультації кваліфікованого спеціаліста. Світльник для зовнішнього та внутрішнього освітлення. Світльник має бути заземлений. Переконайтеся, що конструкція достатньо міцна, щоб витримати світльник.</p> <p>Джерело світла, встановлене в цей світльник, підлягає заміні лише працівником чи агентом компанії Шріддер або аналогічним кваліфікованим фахівцем.</p>
<p>FRA</p>	<p>Connectez l'alimentation en respect de la réglementation nationale. Prise non incluse. L'installation nécessite l'intervention d'une personne qualifiée. Destinée à un usage en intérieur ou en extérieur. Le produit doit être raccordé à la terre. Assurez-vous que la construction est assez solide pour supporter le poids du produit.</p> <p>La source de lumière intégrée dans ce luminaire peut uniquement être remplacée par un employé de Schröder, un agent ou une autre personne qualifiée.</p>	<p>SPA</p> <p>Conectado a la fuente de alimentación de acuerdo con la reglamentación nacional. Bloque de terminales no incluido. La instalación puede requerir el asesoramiento de personal cualificado. Para instalación interior y exterior. El producto debe estar conectado a tierra. Asegúrese de que la fijación es lo suficientemente fuerte como para soportar los productos.</p> <p>La fuente de luz instalada en esta luminaria sólo puede ser sustituida por Schröder o un agente cualificado.</p>	<p>POR</p> <p>Ligue a fonte de alimentação em conformidade com a regulamentação nacional. Bloco terminal não incluído. A instalação deve ser executada por técnico qualificado. Para exterior e interior. O produto deve ser ligado à terra. Certifique-se que a estrutura de montagem tem a resistência necessária para suportar os produtos.</p> <p>A fonte de luz montada nesta luminária só pode ser substituída por um funcionário ou agente da Schröder ou por profissional qualificado autorizado para o efeito.</p>	<p>SRP</p> <p>Povezati sa izvorom struje u skladu sa nacionalnim propisima. Terminalni blok nije sadržan. Pri instalaciji može biti potreban savet kvalifikovane osobe. Za unutrašnju i spoljašnju upotrebu. Proizvod mora biti uzemljen. Obezbediti dovoljno čvrstu konstrukciju za montažu proizvoda.</p> <p>Zamenu svetlosnog izvora ugrađenog u ovu svetiljku će izvršiti samo Schröder-ov radnik, ovlašteni predstavnik ili slična stručna osoba.</p>
<p>CHI</p>	<p>根据国家相关规定连接电源。不包含接线端子。安装需要得到相关资质人士的指导。室内、户外均可使用。灯具必须接地。地基可承重该灯具。</p> <p>该灯具内的光源仅可由施莱德员工、指定代理商或具备类似资质的人员进行更换。</p>	<p>VIE</p> <p>Kết nối với nguồn điện cung cấp điện phù hợp với quy định quốc gia. Không bao gồm đầu nối. Việc lắp đặt có thể yêu cầu tư vấn từ chuyên viên. Đối với ứng dụng chiếu sáng trong nhà và ngoài trời, sản phẩm này phải được nối đất. Cần đảm bảo rằng việc trang bị thiết bị hỗ trợ chống xung điện và sét lan truyền đủ mạnh cho sản phẩm.</p> <p>Nguồn sáng được trang bị bên trong bộ đèn này chỉ được thay thế bởi nhân viên Schröder hoặc đại lý họ hoặc người có trình độ tương đương.</p>	<p>HUS</p> <p>Csalakoztassa a berendezést a nemzeti előírásoknak megfelelően. Sorkapocs nem mellékelve. A telepítést csak szakképzett személy végezheti. Beltéri és kültéri használatra alkalmas. A berendezés védelmi földelés minden esetben kötelező. Győződjön meg róla, hogy a szerkezet megfelel a termék fogadására.</p> <p>A lámpatestbe szerelt fényforrás (LED-modul) cseréjét csak a gyártó, annak szerviz szögálatá, vagy erre kiképzett szakember végezheti!</p>	<p>SLK</p> <p>Zapojeni svitidla je nutno provést v súlade s národnými predpismi. Svorokovnice není součástí dodávky. Zařízení může být instalováno pouze kvalifikovanou osobou. Pro venkovní i vnitřní použití. Výrobek musí být uzemněn. Ujistěte se, že konstrukce nesoucí svitidlo je dostatečně pevná vzhledem ke hmotnosti produktu.</p> <p>Výmena svetelného zdroja (LED modul) je možná len výrobcom, resp. len ním vyskoljenými odborníkmi!</p>

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System Overview



LED Linear Trunking System

- ① Surface Mounted Kits / Suspension Kits
- ② End Cap / "-" Type Node Connector
Linear Trunking Rail (5FT / 2FT* / 10FT*)
End Box / "L", "T", "X" Type Node Connector
- ③ LED Luminaire (5FT / 2FT* / 10FT*)
- ④ Blank Cover (5FT / 2FT* / 10FT*)

*Standard length is 5FT, other sizes available on custom request

Installation Attention

Prior to Installation

Please read and understand all cautions, warnings, instructions, and product labels before installing linear light, otherwise, it could result in injury and void the warranty.

Warning

- Luminaires are suitable for direct mounting on normally flammable surfaces.
- Disconnect power before installing or servicing. This lighting fixture must be installed, connected and tested by a qualified electrician.
- Please check local voltage in accordance with the product requirements before using the product.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- For power cord please use H07RN-F 3x1.5mm².
- The terminal box shall be approved according to EN 60998-2-1 or EN 60998-2-2; and shall comply with below specification: the type of terminal (screw/screwless); number of terminals; (2 terminals for L/N connecting); rated voltage (>450 V); rated connecting capacity; (0.75-2.5mm²) the wire end must be clamped by crimp terminal wire connector to prevent the free wire of conductor escaping; the terminal block must be protected against of electric shock; fixing the terminal block by glue; Connect up the red wire to 'L' terminal, and blue wire connected to 'N' terminal.
- The max distance between two suspension kits or surface mounted kits is adjustable, 3m maximum.
- The installation height is 15m maximum with 100lux.
- The electric current of each single wire and connector is 16A.






Maximum Quantity of Continual Connection Installation

Length	Wattage		Max Connection Quantity (same live wire) (220V, 16A)		Max Connection Length (same live wire) (220V, 16A)	
2FT: 0.567m*	16W		220pcs		125m	
	20W		176pcs		100m	
	26W		135pcs		77m	
5FT: 1.410m	30W	32W(DALI)	117pcs	110pcs	165m	155m
	35W**	40W(DALI)**	101pcs	88pcs	142m	124m
	50W		70pcs		99m	
	65W**		54pcs		76m	
10FT: 2.820m*	75W	80W(DALI)	47pcs	44pcs	66m	62m
	75W	80W(DALI)	47pcs	44pcs	132m	124m
	100W		35pcs		99m	
	130W		27pcs		76m	

*Standard length is 5FT, other sizes available on custom request.

**Standard wattages are 50W and 75W (DALI 80W), other wattages are available on custom request.

THD <20% without dimming the luminaire
In-rush current: Cold start max. 60A (twidth=300µs) @230VAC

-  Do not dispose of electrical appliances as unsorted municipal waste, use separated collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
-  For indoor use only.
-  Caution, risk of electric shock.
-  Class I equipment, this product must be earthed!
-  Minimum distance from the light to ground is 2.5 meters.

Application



Supermarket



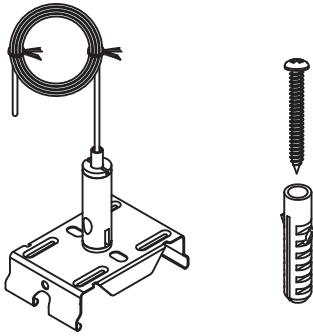
High Hall



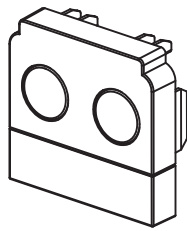
Warehouse

Installation Accessories

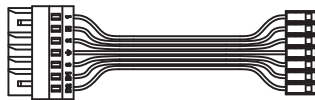
Suspended Installation Parts



Suspension Kit

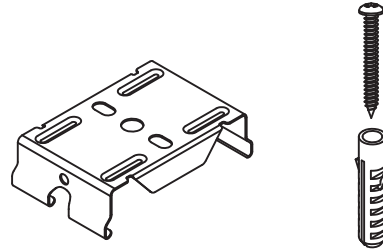


End Cap

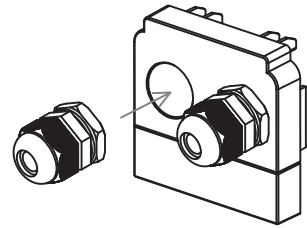


Terminal Block With Wires

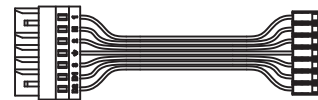
Surface Mounted Installation Parts



Surface Mounting Kit

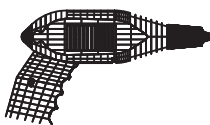


End Cap with Wire Protector

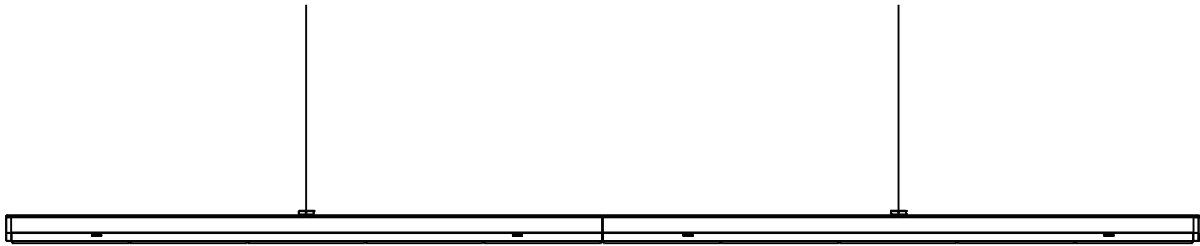


Terminal Block With Wires

Installation Tools

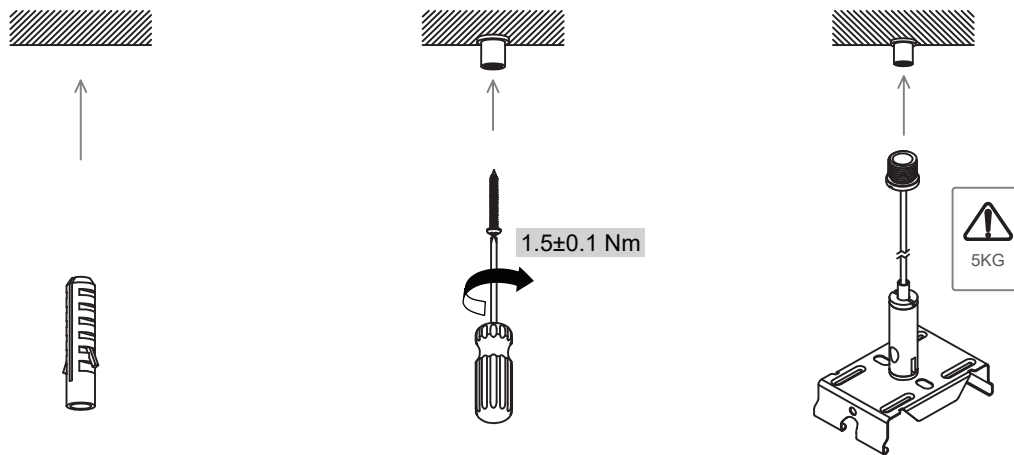


Lighting System - Suspension



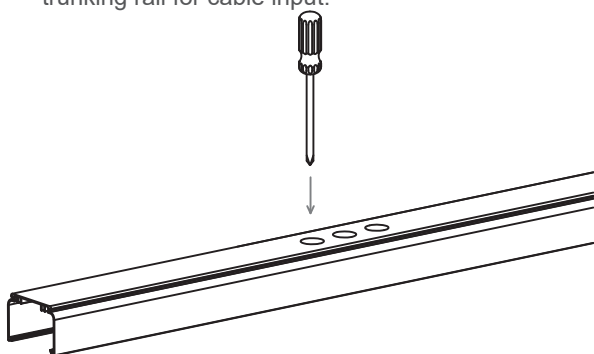
Step 1: Suspension

1-1. Mount the suspension kits to the ceiling.

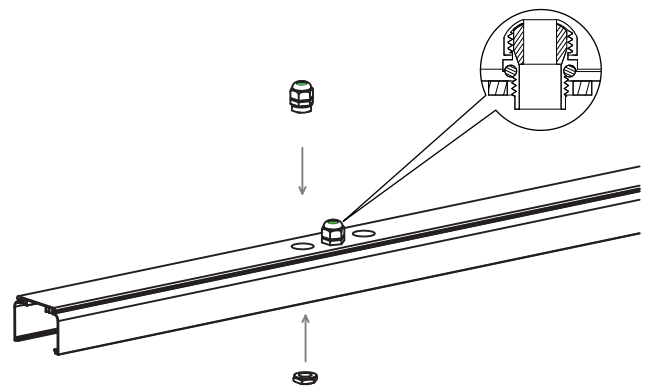


Note: The distance between two suspension kits is adjustable, 3m maximum.

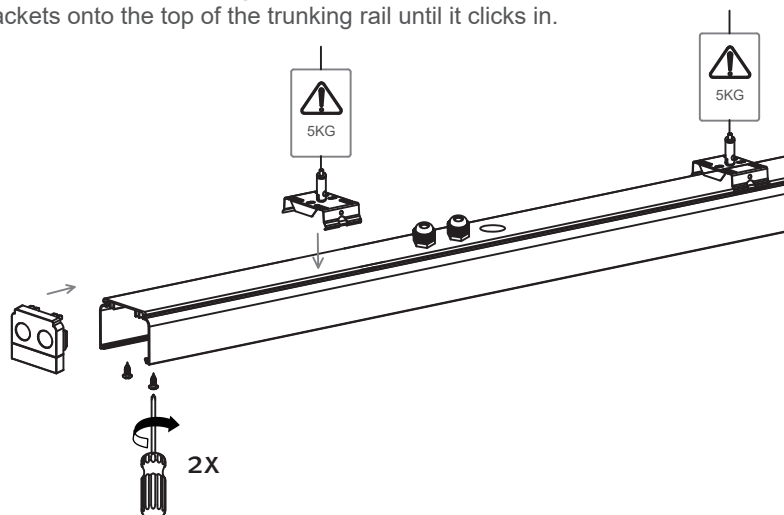
1-2. Take a trunking rail, where you want to prepare the wire input.
Tap out 1, 2 or 3 holes with screw driver from the trunking rail for cable input.



1-3. Screw the wire protectors to the holes in the trunking rail. Tighten the cable gland nut from the inner side.

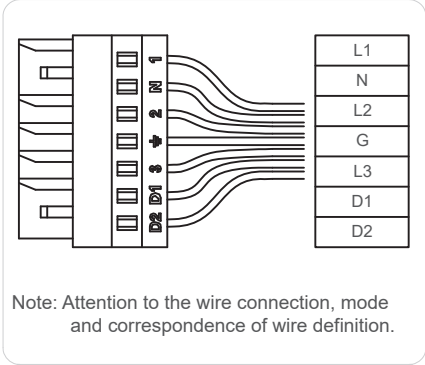
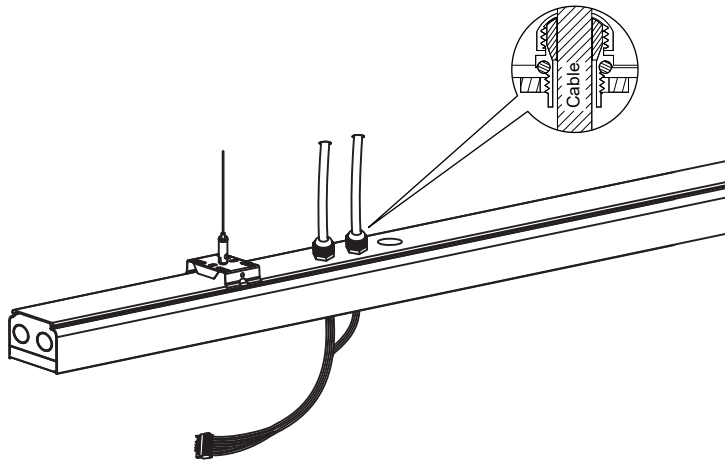


1-4. Install the end cap to the end of the trunking rail, which is close to the wire input.
Push the holding brackets onto the top of the trunking rail until it clicks in.

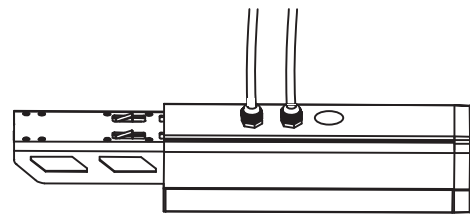
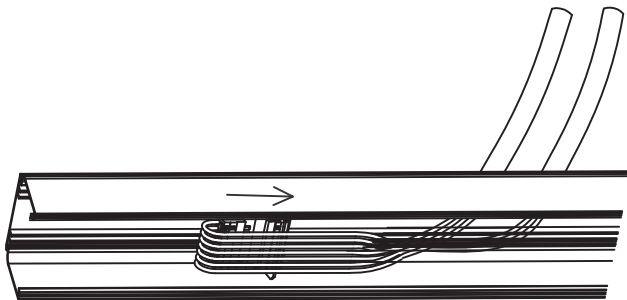


Step 2: Wire Input

2-1. Pull the input cable through the cable gland and tighten the upper nut. Connect the cables into the terminal blocks according to the labels.



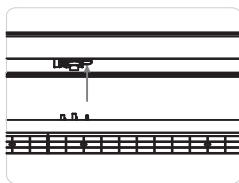
2-2. Join terminal block to the male connector in the trunking rail.



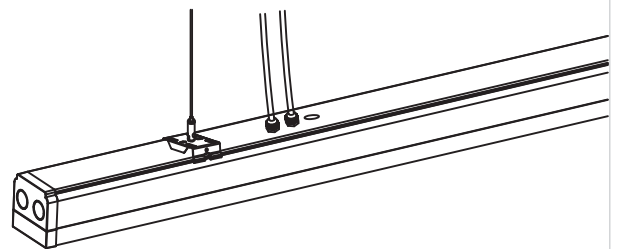
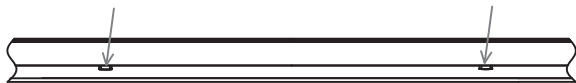
Note: "..." type feed-in node is optional to prepare cable input easily. Prepare the cable connection from the back of the feed-in node at first, then push it to the linear system directly.

2-3. Push the luminaire module into the trunking rail.

Match electronic connector in the luminaire to the socket in the trunking rail.



Push the Lock bars on the side of the luminaire.



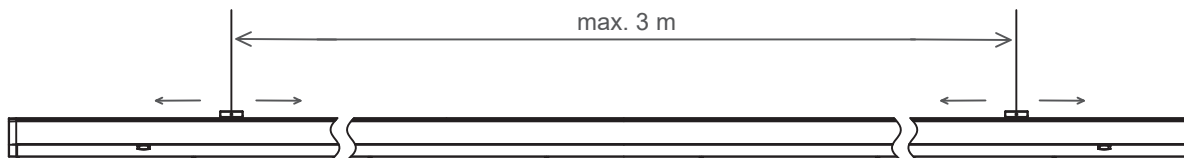
Step 3: Connection

3-1. Push the whole sets of linear system directly together to connect.



Note: integrated packing means luminaire and trunking rail are packed in one carton..

3-2. Adjust the position of suspension kits according to your need.
The distance between two suspension kits is adjustable, 3m maximum.

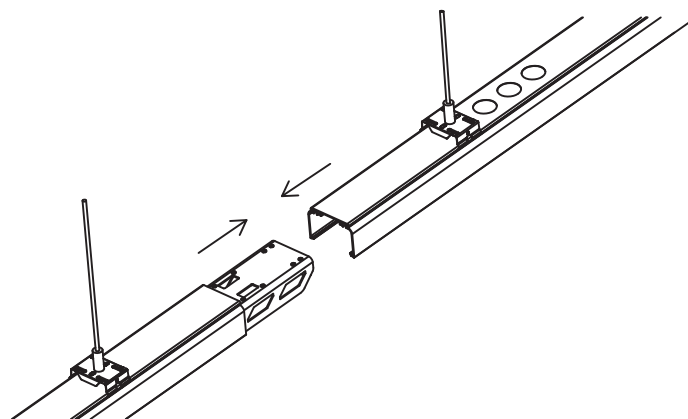


Optional Connection - Separated Packing

Separated packing means luminaire and trunking rail are packed in different carton.
Please follow this optional connection in case of separated packing.

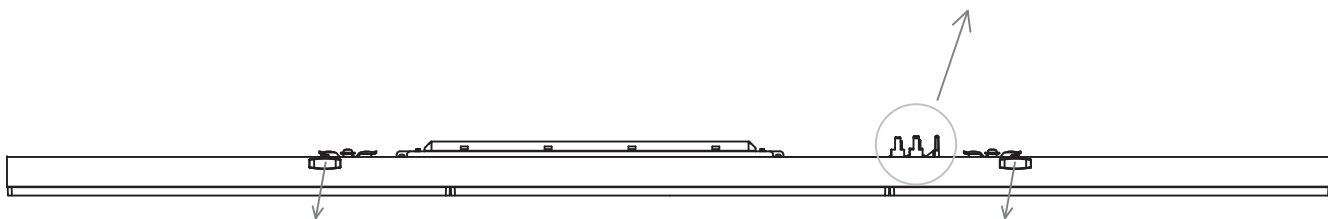
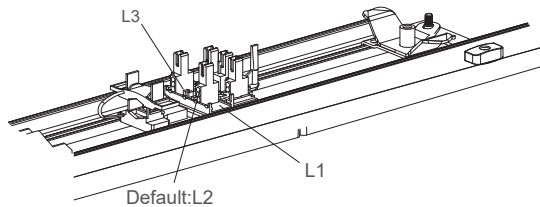
- You need to use L1, L2, L3 wire to control different linear light in 1 row connection.
L1, L2, L3 are optional live wires, L2 is defaulted. To control linear light separately in 1 row, please move the black pin (live wire) in the luminaire to connect corresponding L1, L2, L3 in the trunking rail.

1. Push the trunking rails directly together to connect.

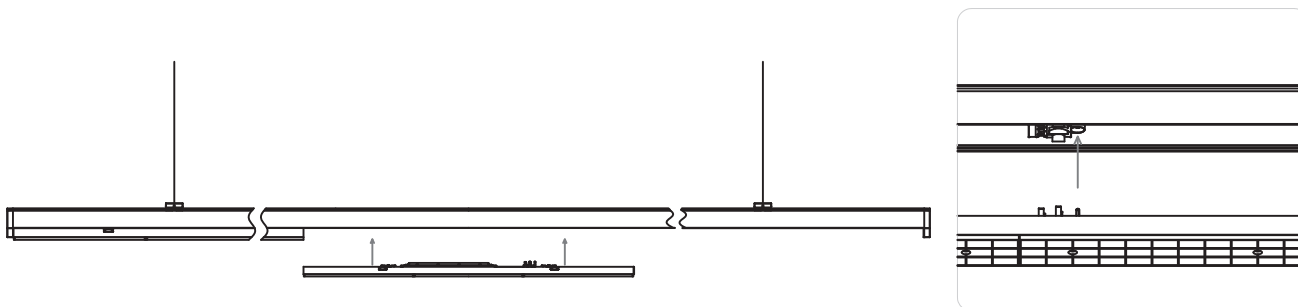


2. Pull out the lock bars of luminaire.

Note: moving black pin position to use optional live wire L1, L2 or L3.



3. Match electronic connector in the luminaire to the socket in the trunking rail while locking.

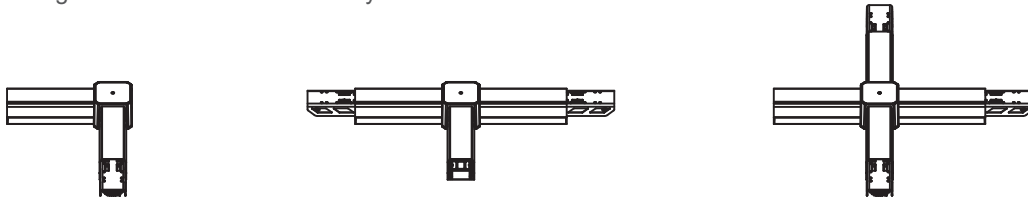


4. Push back the lock bars.

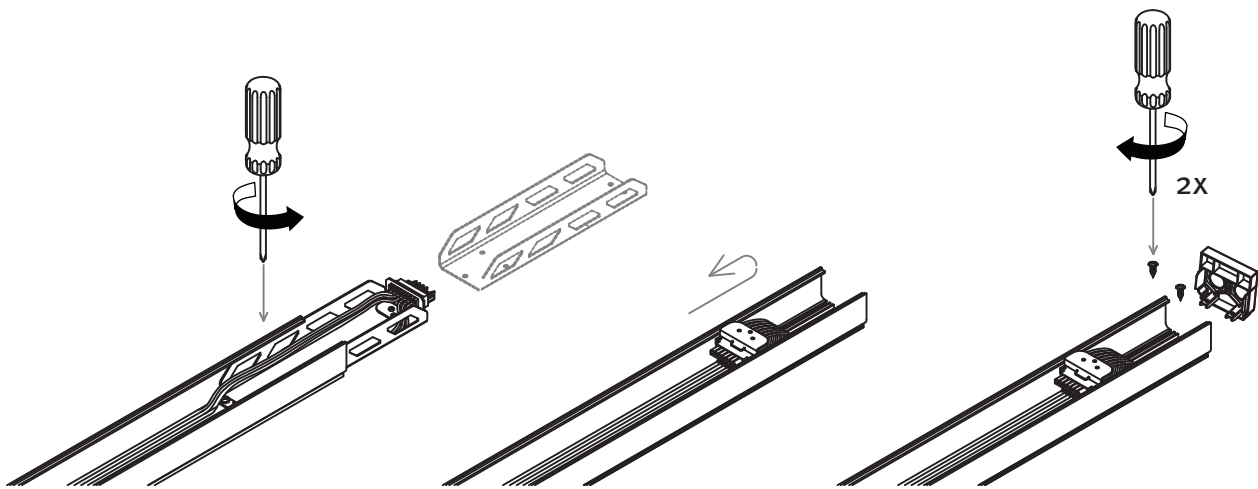


Step 4: Closing

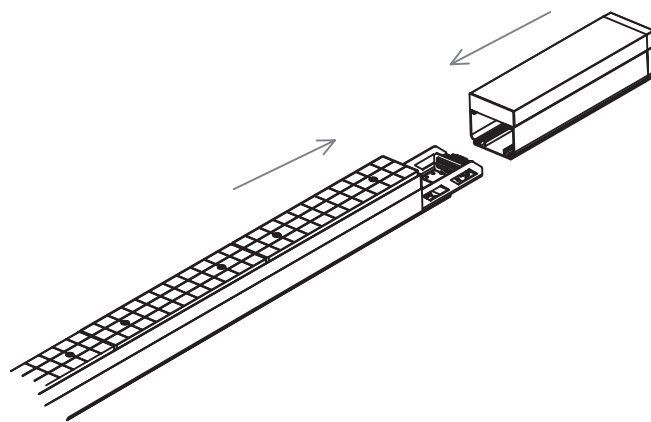
4-1. "L", "T", "X" Feed-in Node Connectors are optional for connecting rails in different directions.
Push them together to connect the linear system.



4-2. Remove connector in the trunking rail firstly, roll over wires back to the rail, screw end cap.



Note: Optional closing: "–" type end box is to make the closing of the end of linear system easier.
Push it to the trunking rail to cover the connector, no need to remove it.

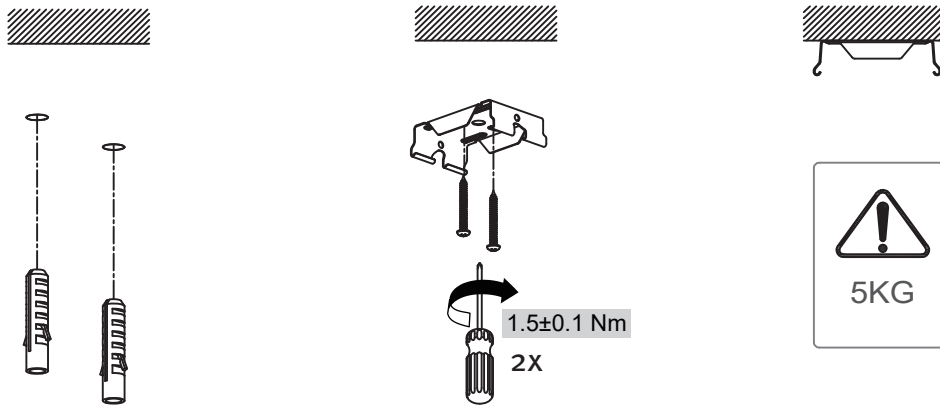


Lighting System - Surface Mounted



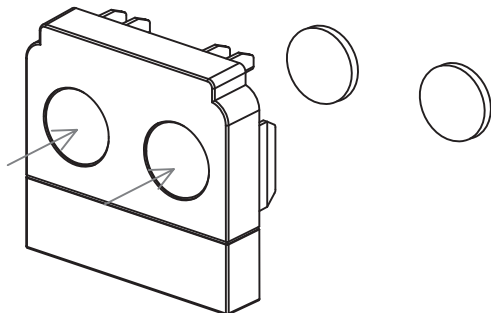
Step 1: Surface Mounting

1-1. Install the surface mounted kits to the ceiling.

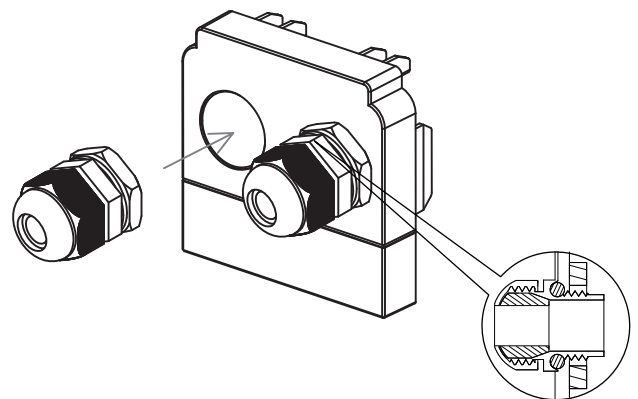


Note: The distance between two surface mounted kits is adjustable, 3m maximum.

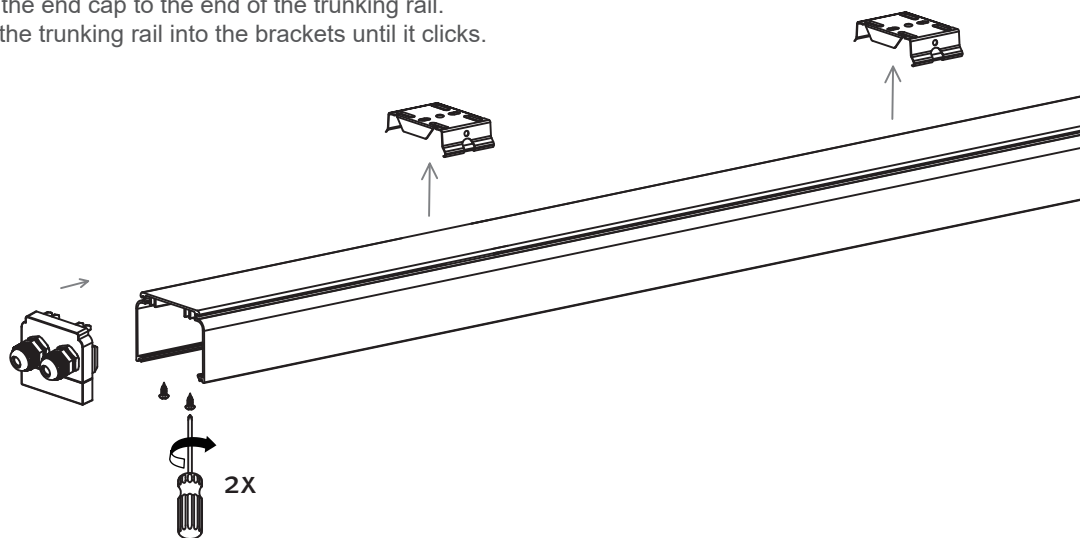
1-2. Take a trunking rail, where you want to prepare the wire input.
Tap out 1 or 2 holes with screw driver from the end cap for cable input.



1-3. Screw the wire protectors to the holes in the end cap.
Tighten the cable gland nut from the inner side.

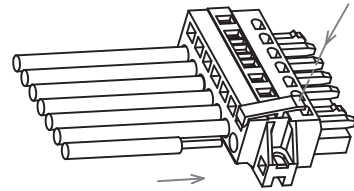
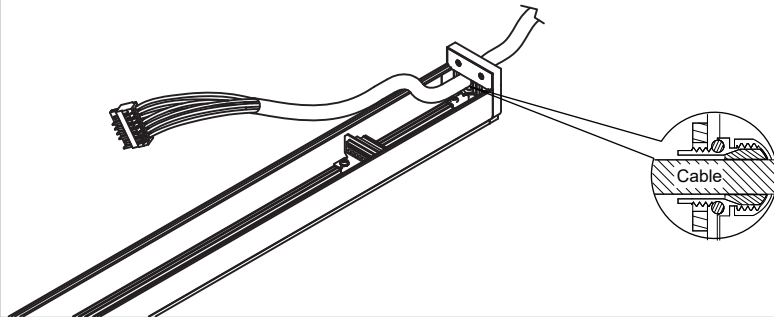


1-4. Install the end cap to the end of the trunking rail.
Push the trunking rail into the brackets until it clicks.



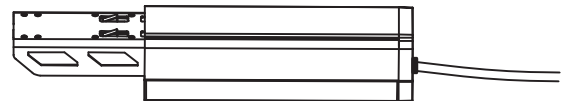
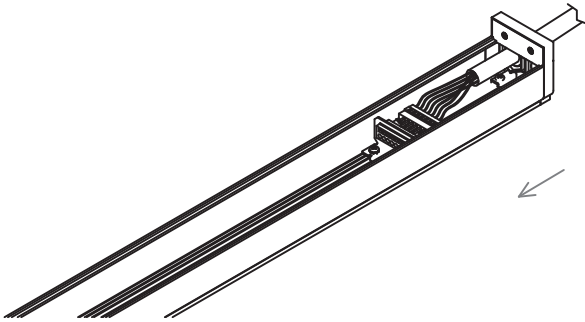
Step 2: Wire Input

2-1. Pull the input cable through the cable gland and tighten the outside nut. Connect the cables into the terminal blocks according to the labels.



Note: Using wiring tool to help to connect wires, please remove the tool after usage.

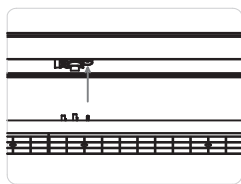
2-2. Join terminal block to the male connector in the trunking rail.



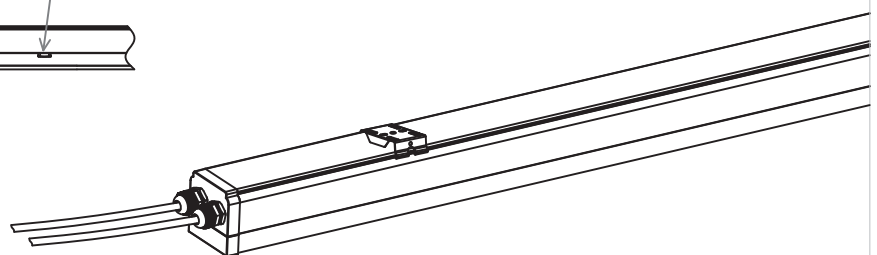
Note: "T" type feed-in node is optional to prepare cable input easily. Prepare the cable connection from the side of the feed-in node at first, then push it to the linear system directly.

2-3. Push the luminaire module into the trunking rail.

Match electronic connector in the luminaire to the socket in the trunking rail.

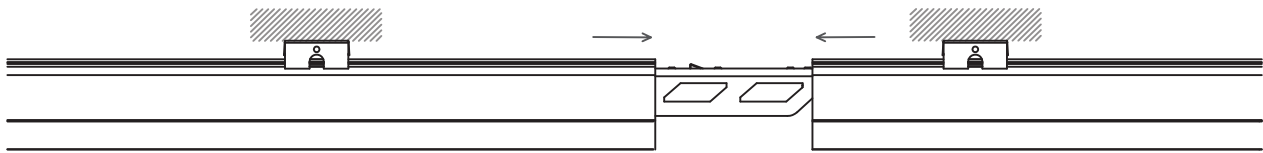


Push the Lock bars on the side of the luminaire.



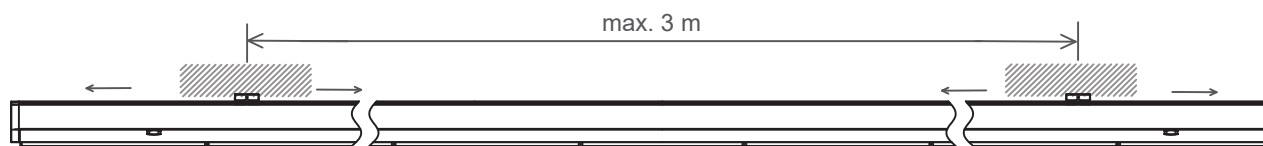
Step 3: Connection

3-1. Push the whole sets of linear system directly together to connect.



Note: Integrated packing means luminaire and trunking rail are packed in the one carton.

3-2. Adjust the position of linear system according to your need.
The distance between two mounting points is 3m maximum.

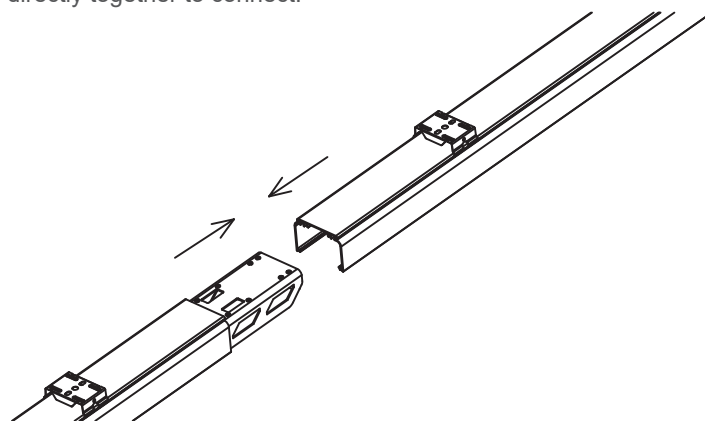


Optional Connection - Separated Packing

Separated packing means luminaire and trunking rail are packed in different carton.
Please follow this optional connection in case of separated packing.

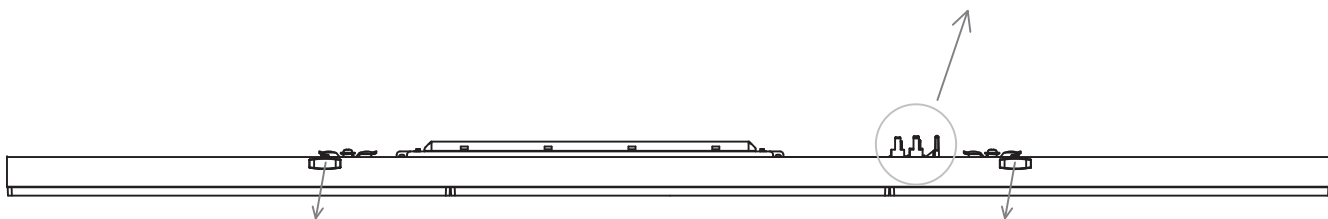
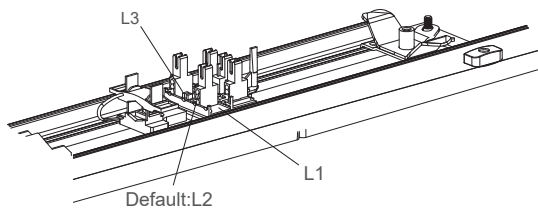
- You need to use L1, L2, L3 wire to control different linear light in 1 row connection.
L1, L2, L3 are optional live wires, L2 is defaulted. To control linear light separately in 1 row, please move the black pin (live wire) in the luminaire to connect corresponding L1, L2, L3 in the trunking rail.

1. Push the trunking rails directly together to connect.

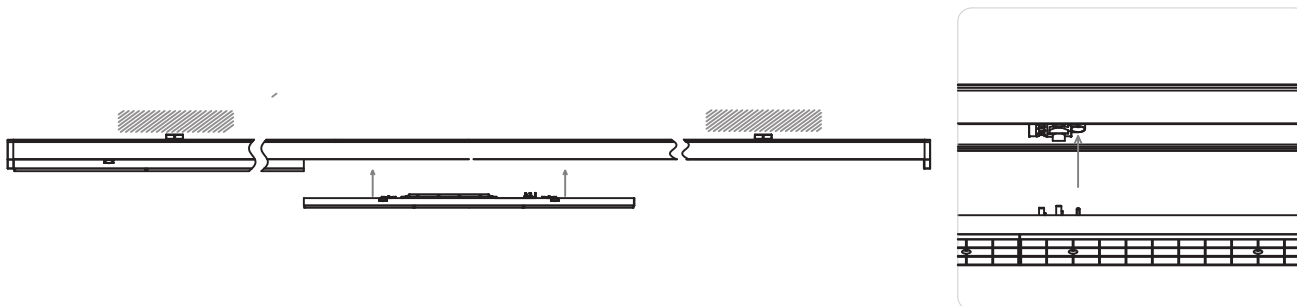


2. Pull out the lock bars of the luminaire.

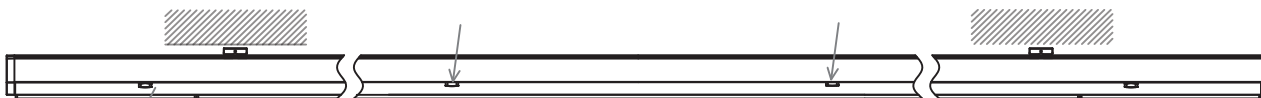
Note: moving black pin position to use optional live wire L1, L2 or L3.



3. Match electronic connector in the luminaire to the socket in the trunking rail while locking.

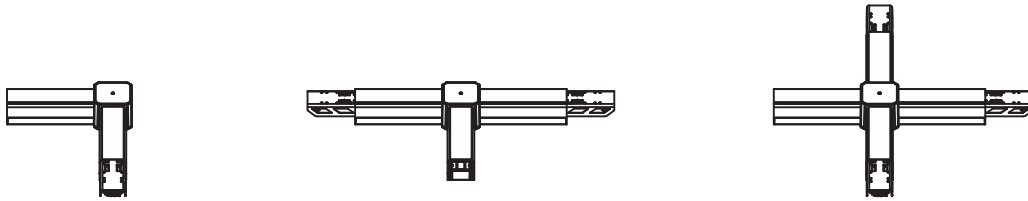


4. Push back the lock bars.

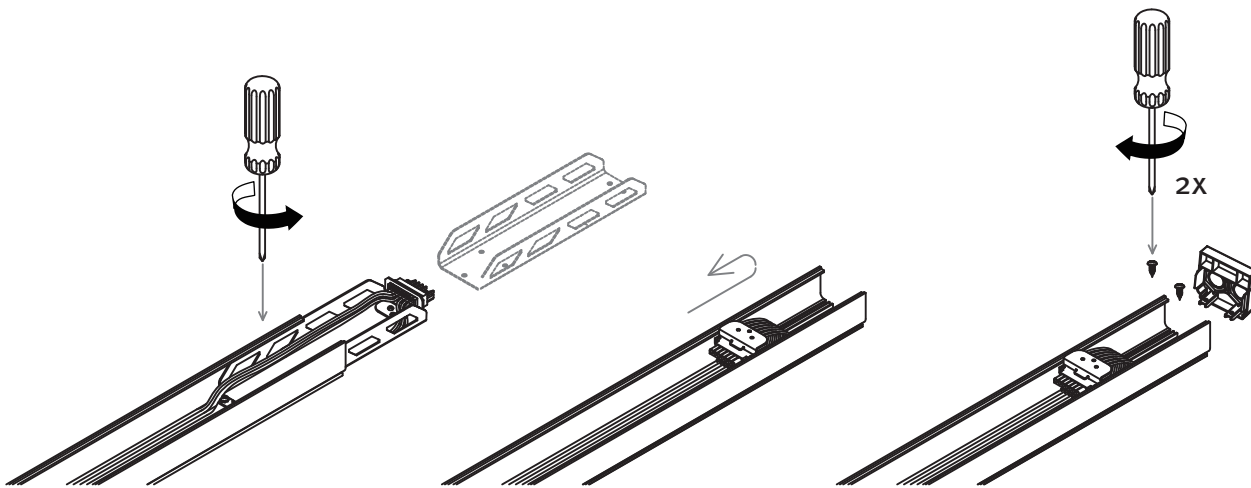


Step 4: Closing

4-1. "L", "T", "X" Feed-in Node Connectors are optional for connecting rails in different directions.
Push them together to connect the linear system.



4-2. Remove connector in the trunking rail firstly, roll over wires back to the rail, screw end cap.



Note: Optional closing: "—" type end box is to make the closing of the end of linear system easier.
Push it to the trunking rail to cover the connector, no need to remove it.

