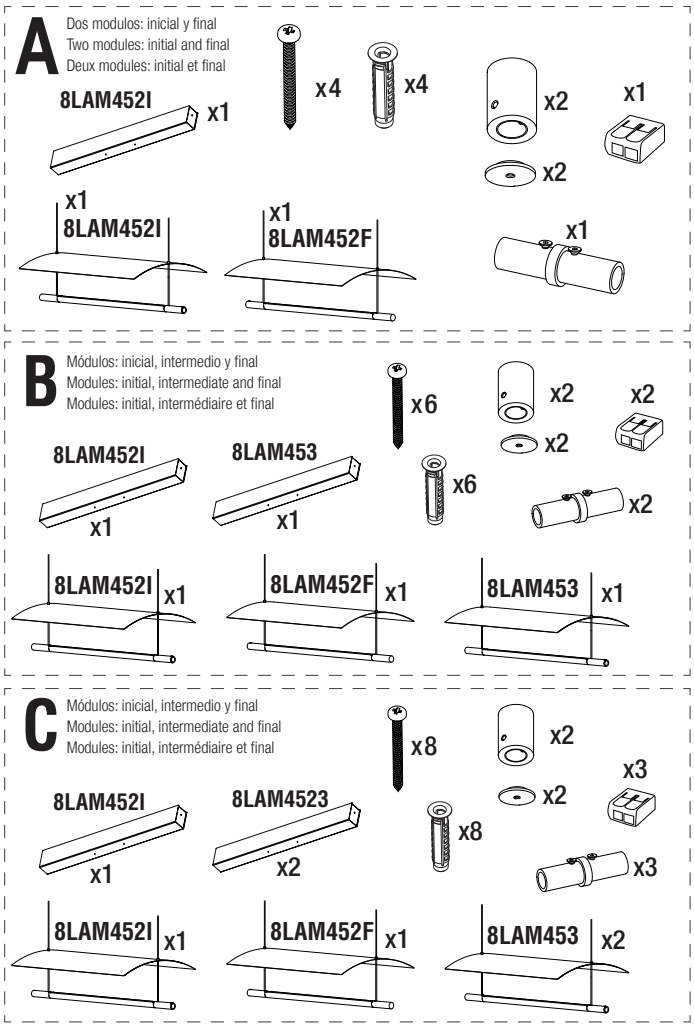
SANTA & COLE

LAMINA SISTEMA 45

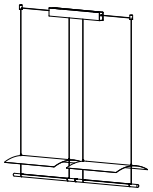
ANTONI AROLA

Lámpara de suspensión
Hanging lamp
Lampe à suspension



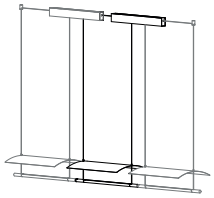
A

LAMPB01:
8LAM452I
8LAM452F

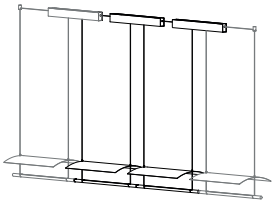


B/C

LAMPB02:
8LAM452I
8LAM453
8LAM452F



LAMPB03:
8LAM452I
8LAM453
8LAM453
8LAM452F



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CARACTERÍSTICAS TÉCNICAS/ TECHNICAL CHARACTERISTICS/ CARACTÉRISTIQUES TECHNIQUES

Peso/ Weight/ Poids (Sin embalaje/ Unpacked/ Sans emballage)**:** **(A)** 4 kg / 8,8 lb **(B)** 6,8 Kg / 15 lb **(C)** 9,6Kg / 21 lb

La longitud del cable eléctrico/ The electric wire length/ Longueur du fil électrique: 0,3 m / 14.6"- 5 m / 196,8"

Fuente de luz integrada (regulable)**/ Built-in Light Source** (dimmable)**/ Source de lumière intégrée** (dimmable)**:**

Módulos de 72 LED / Boards of 72 LED / Module 72 LED:	**(A)** 2 UD **(B)** 3 UD **(C)** 4 UD
Potencia sistema / Power System / Puissance maximale (W):	**(A)** 31 W **(B)** 49 W **(C)** 67W
Intensidad de funcionamiento / Operating current / Courant d'usage (VDC):	700mA
Temp. Color / Temp. Color / Temp. couleur:	2.700 K
IRC / CRI / IRC:	90
Flujo luminoso / Luminous flux / Flux lumineux (lm):	**(A)** 1422 lm **(B)** 2129 lm **(C)** 2844 lm
Vida útil / Average lifetime / Durée de vie (h):	40.000 h

Apta para sistemas de regulación 1-10V / DALI. (No incluye regulador externo) / Suitable for dimming systems 1-10V / DALI. (External dimmer switch not included) / Adaptable aux variateurs d'intensité 1-10V/DALI (Dimmer externe non fourni).

Tensión de entrada/ Input voltage/ Voltage d'alimentation:
(Según destino/ According to destination/ Selon la destination)
220-240Vac. 50Hz / 60Hz.

Normativa/ Regulations/ Règles:

CE Clase I IP 20

MANTENIMIENTO

Limpiar con un paño suave. No utilizar productos amoniacales, disolventes o abrasivos.

De acuerdo con la legislación vigente, la garantía de este producto es de tres años a partir de la fecha de suministro. La información técnica facilitada por Santa & Cole en cuanto a dimensiones, materiales y características, puede ser modificada sin previo aviso. Asimismo es necesario conservar las instrucciones de montaje para su futuro mantenimiento.

MAINTENANCE

Clean with a smooth cloth. Do not use ammonia products, solvents or abrasives.

Pursuant to the legislation in force, this product is guaranteed for three years starting from the date of purchase. The technical information supplied by Santa & Cole in relation to dimensions, materials and characteristics may be modified without prior notice. It is also necessary to keep the assembly instructions for future maintenance.

ENTRETIEN

Nettoyer avec un chiffon doux. Ne pas utiliser d'ammoniaque, de solvants, d'abrasifs.

Selon la législation actuelle, la garantie de ce produit est de trois ans à compter de la date de livraison. Les informations techniques fournies par Santa & Cole sur les dimensions, les matériaux et les caractéristiques peuvent être modifiées sans préavis. Il est également nécessaire de conserver les instructions de montage pour l'entretien futur.

INSTRUCCIONES DE SEGURIDAD

Lámpara apta sólo para uso interior.
La lámpara pesa: **(A)** 4kg / 8.8 lb **(B)** 6,8 Kg / 15 lb **(C)** 9,6Kg / 21 lb; asegure la resistencia del anclaje al techo del techo.
No coloque la lámpara en superficies húmedas ni que presenten conductividad eléctrica.
Esta lámpara es apta para conectarse a la caja de salida Outlet Box. (Junction Box / Pancake Box)
Las conexiones eléctricas deben realizarse por personal especializado.
La fuente de luz de esta luminaria es no reemplazable por el usuario; cuando la fuente de luz alcance el final de su vida, podrá reemplazarse únicamente por el fabricante, su servicio técnico o persona cualificada equivalente. Se debe mantener un aislamiento principal (Clase I) entre la alimentación en baja (BT) y los conductores de control.
Utilice siempre esta fuente de luz.
No incorpore elementos adicionales a los suministrados con la lámpara.
Una vez montada y conectada a la red eléctrica, no la cubra.
Si el cable o cordón eléctrico está dañado, debe sustituirse exclusivamente por el fabricante, su servicio técnico o una persona de cualificación equivalente con objeto de evitar cualquier riesgo.
El fabricante no se hace responsable del uso indebido del producto.

SAFETY INSTRUCTIONS

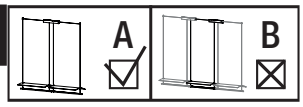
Lamp suitable only for indoor use.
The lamp weighs: **(A)** 4kg / 8.8 lb **(B)** 6,8 Kg / 15 lb **(C)** 9,6Kg / 21 lb; test the strength of the anchor point to the ceiling.
Do no place the light source on damp surfaces or those with electric conductivity.
This lamp must be mounted an Outlet Box. (Junction Box / Pancake Box)
The electric connections must be carried out by specialized personnel.
The light source of this luminaire is not user replaceable; When the light source reaches the end of its life, it can only be replaced by the manufacturer, its technical service or equivalent qualified person. Primary insulation (Class I) must be maintained between the low power supply (LV) and the control conductors.
Always use this light source.
Do not incorporate additional elements to those supplied with the lamp.
Do not cover once assembled and connected to the mains.
If this electric wire or cord is damaged, it should be replaced exclusively by the manufacturer, its technical service or someone with an equivalent qualification in order to avoid any risk.
The manufacturer is not responsible for improper use of the product.

CONSIGNES DE SECURITE

Lampe appropriée pour une utilisation en intérieur uniquement.
Le lampe pèse: **(A)** 4kg / 8.8 lb **(B)** 6,8 Kg / 15 lb **(C)** 9,6Kg / 21 lb; tester la robustesse d'ancrage au plafond.
Ne placez pas la lampe sur des surfaces mouillées ou qui présentent une conductivité électrique.
Ce lampe doit être monté d'une boîte de sortie Outlet Box. (Junction Box / Pancake Box)
Les connexions électriques doivent être effectuées par du personnel qualifié.
La source lumineuse de ce luminaire n'est pas remplaçable par l'utilisateur ; Lorsque la source lumineuse atteint la fin de sa durée de vie, elle ne peut être remplacée que par le fabricant, son service technique ou une personne qualifiée équivalente.
L'isolation primaire (Classe I) doit être maintenue entre l'alimentation basse puissance (BT) et les conducteurs de commande.
Utiliser toujours cette source lumineuse.
Ne pas ajouter des éléments supplémentaires à ceux fournis avec la lampe.
Une fois installée et branchée sur le secteur, ne pas couvrir.
Si le câble ou le cordon est endommagé, il doit être remplacé exclusivement par le fabricant, son agent technique ou toute autre personne qualifiée afin d'éviter tout risque.
Le fabricant n'est pas responsable de la mauvaise utilisation du produit.

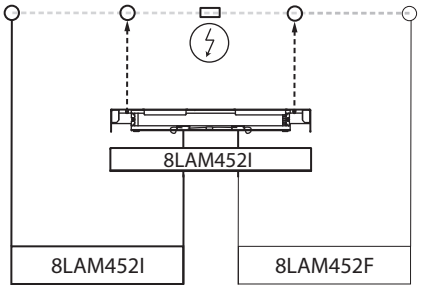
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01

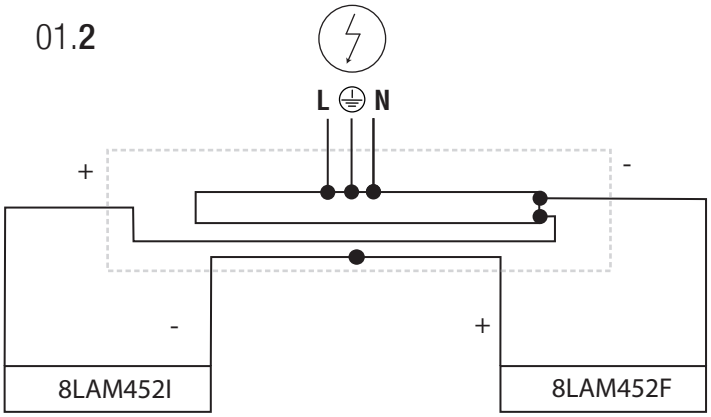


01.1

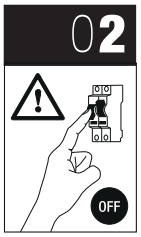
Composición Sistema A: LAM452I + LAM452F
System Composition A: LAM452I + LAM452F
Composition du système A: LAM452I + LAM452F



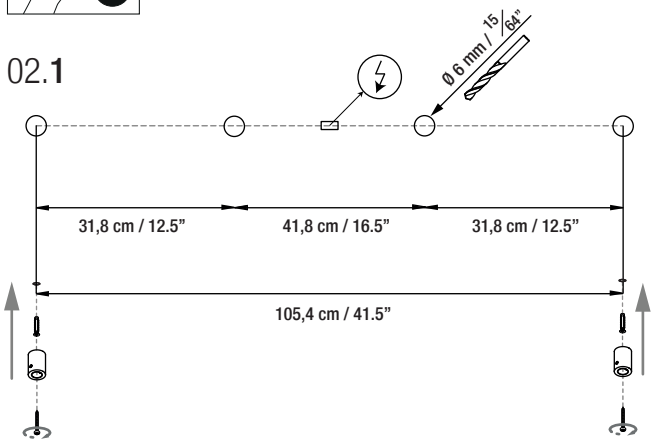
01.2



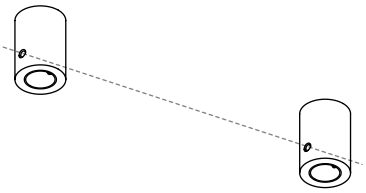
02



02.1



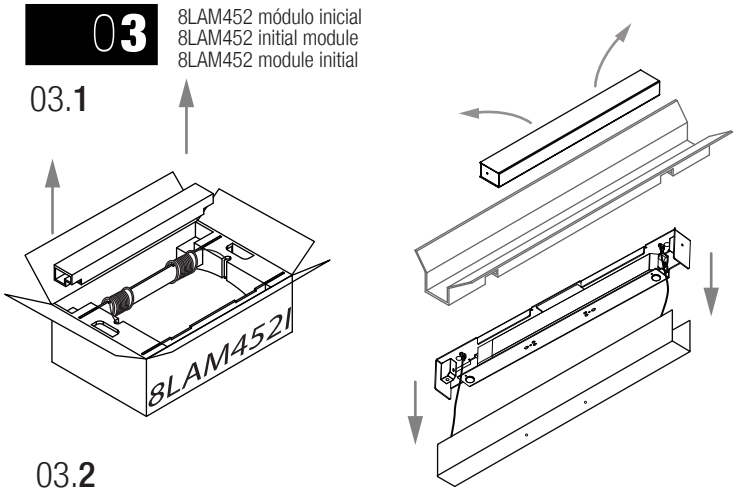
02.2



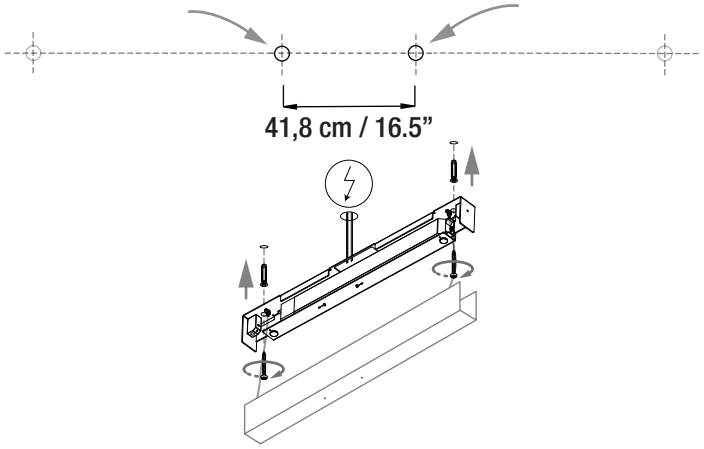
03

8LAM452 módulo inicial
8LAM452 initial module
8LAM452 module initial

03.1



03.2

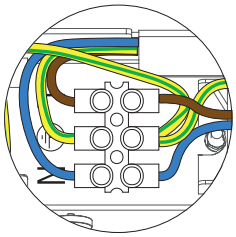


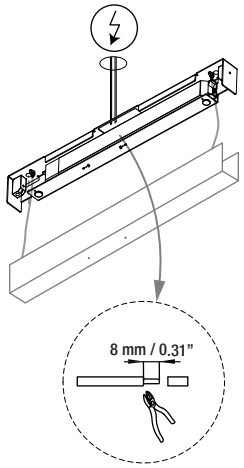
04

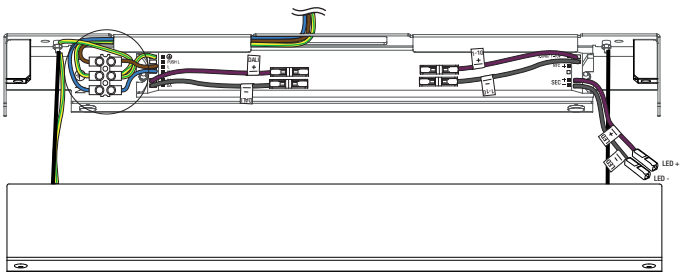
Cableado con doble aislamiento
Double insulated wiring
Câblage à double isolation

POWER IN

Azul / Blue	N
Marrón / Brown	L
Verde-Amarillo / Green-Yellow	⏚



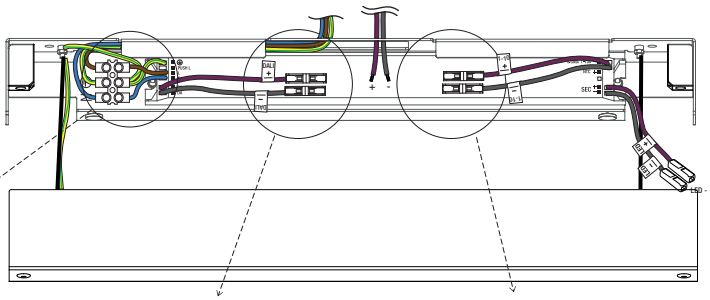




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Parc de Belloch. Ctra. C-251km 5,6 E-08430 La Roca (Barcelona). España / info@santacole.com Spain T. +34 938 462 437 **santacole.com**

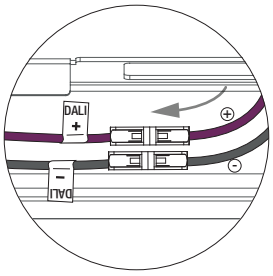
05 DIMMING (opcional / optional / optionnel)

Violeta / Violet / Violette	DIM+
Gris / Grey / Gris	DIM–



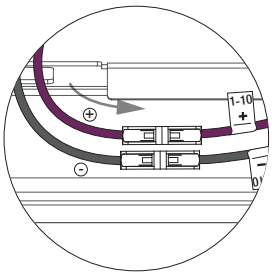
DALI

opción A / option A / option A

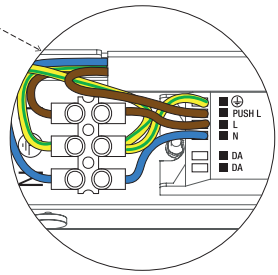


1-10V

opción B / option B / option B



PUSH



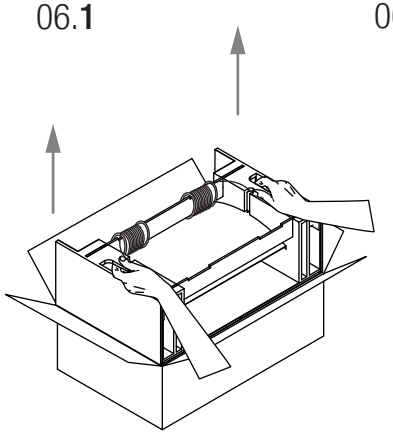
IMPORTANTE / IMPORTANT / IMPORTANT

El cable requerido para la conexión push tiene que ser de 0.5–1.5 mm² de sección (AWG20-16). /
The cable required for the PUSH connection must have a cross-sectional area of 0.5–1.5 mm² (AWG20-16). /
Le câble requis pour la connexion PUSH doit avoir une section de 0,5–1,5 mm² (AWG20-16).

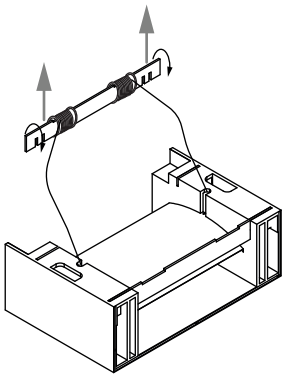
06

No extraer la luminaria del packaging.
Do not remove the luminaire from the packaging.
Ne retirez pas le luminaire de son emballage.

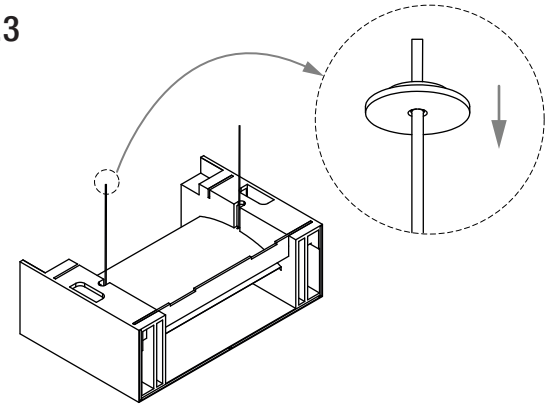
06.1



06.2



06.3

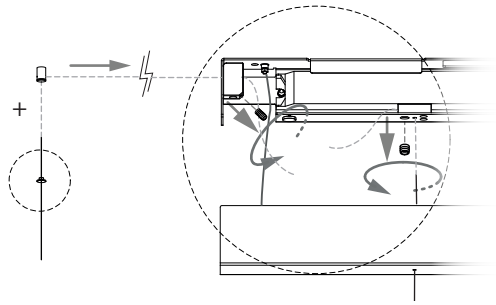


07

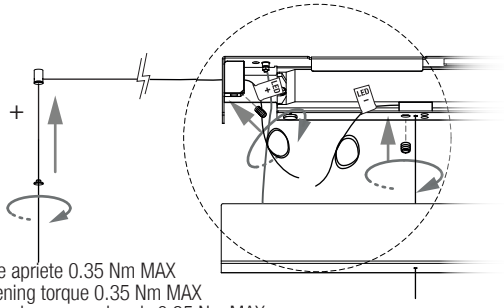
IMPORTANTE / IMPORTANT / IMPORTANT

Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laissez assez de câble pour la connexion.

07.1

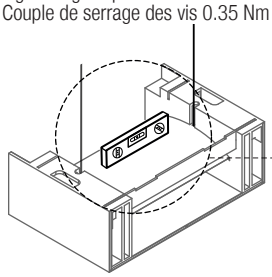


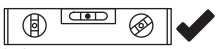
07.2



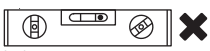
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

07.3





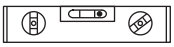
Ir al paso 08
Go to step 08
Aller à l'étape 08



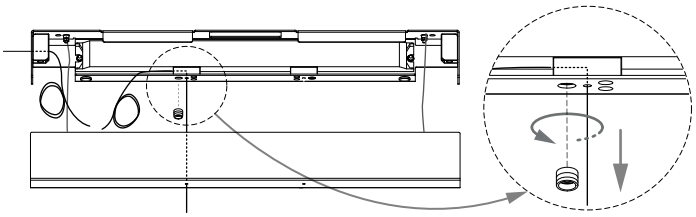
Ir al paso 07
Go to step 07
Aller à l'étape 07

08

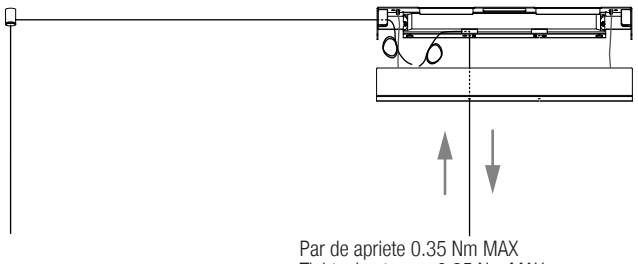
Si la lámpara no está alineada.
If the lamp is not aligned.
Si la lampe n'est pas alignée.



08.1

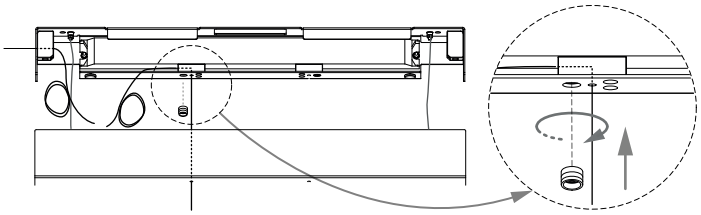


08.2



Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

08.3

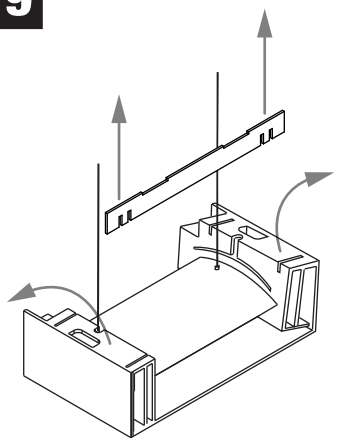


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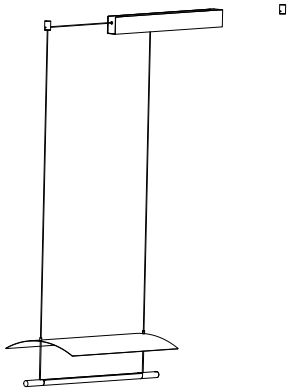
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09

09.**1**



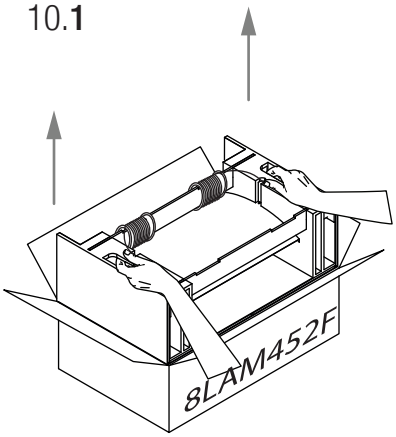
09.**2**



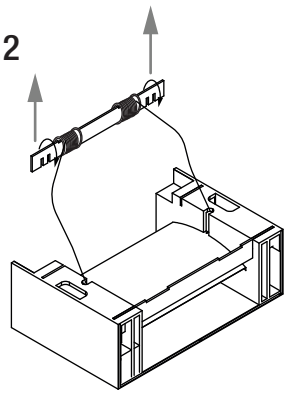
10

LAM 452 módulo final
LAM 452 final module
LAM 452 module final

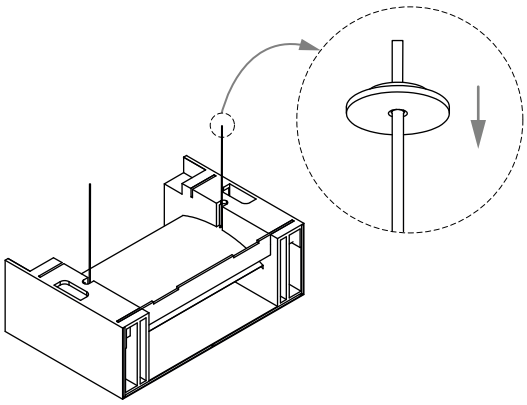
10.**1**



10.**2**



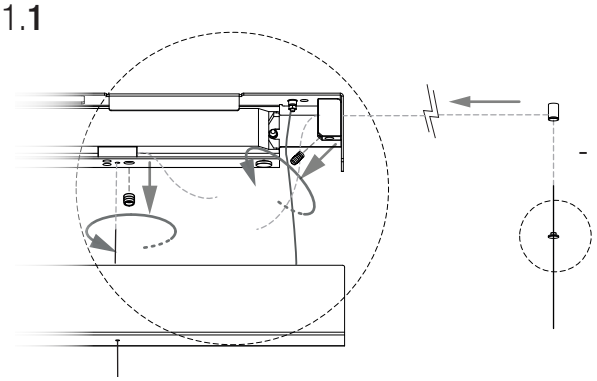
10.**3**



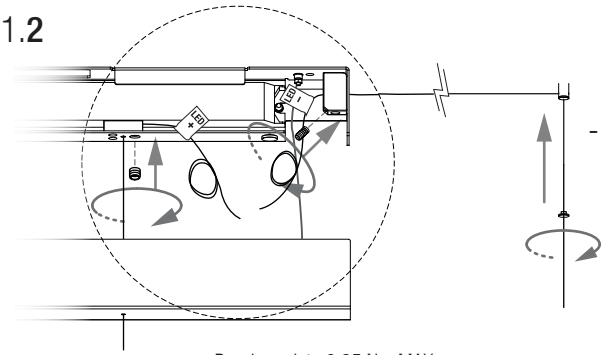
11

IMPORTANTE / IMPORTANT / IMPORTANT
Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laissez assez de câble pour la connexion.

11.**1**



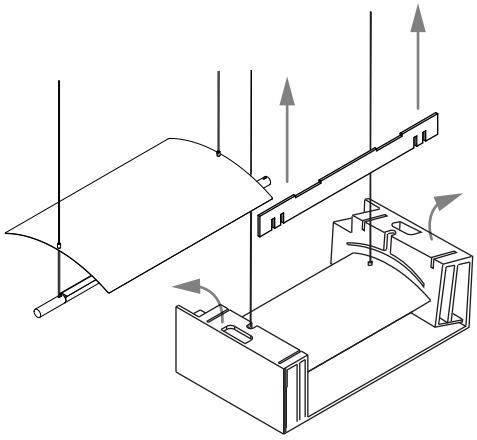
11.**2**



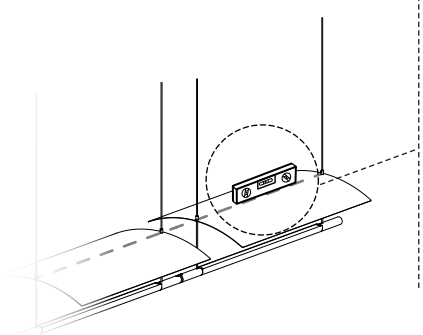
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

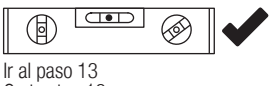
12

12.**1**

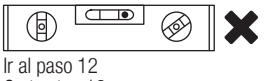


12.**2**





Ir al paso 13
Go to step 13
Aller à l'étape 13

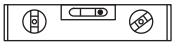


Ir al paso 12
Go to step 12
Aller à l'étape 12

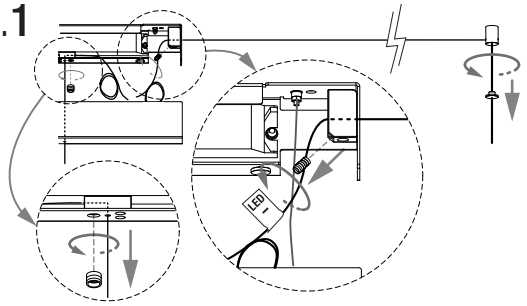
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13

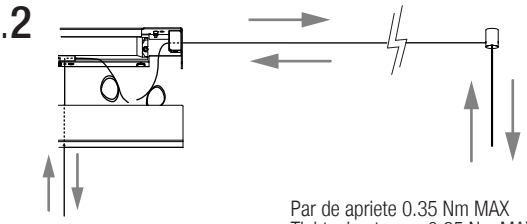
Si la lámpara no está alineada.
If the lamp is not aligned.
Si la lampe n'est pas alignée.



13.1

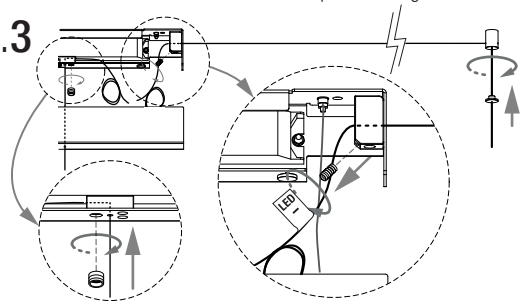


13.2



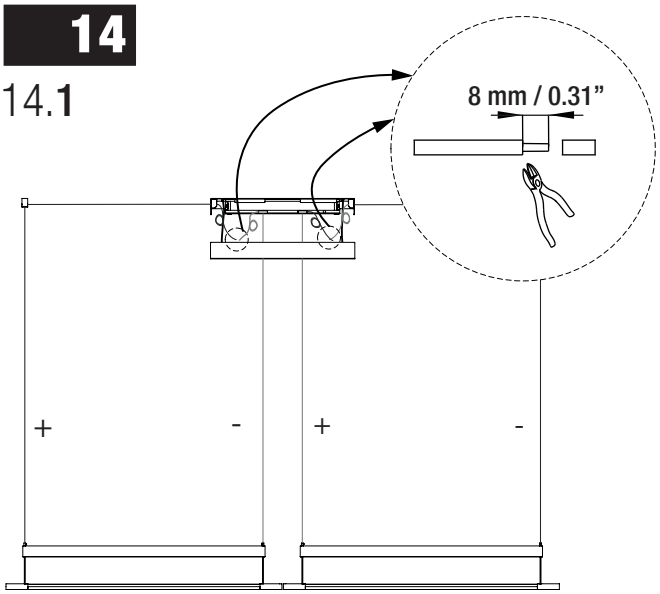
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

13.3

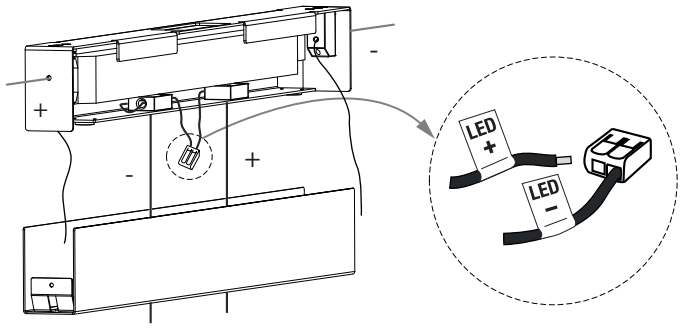


14

14.1



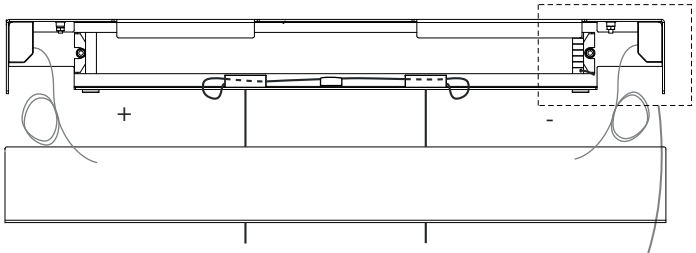
14.2



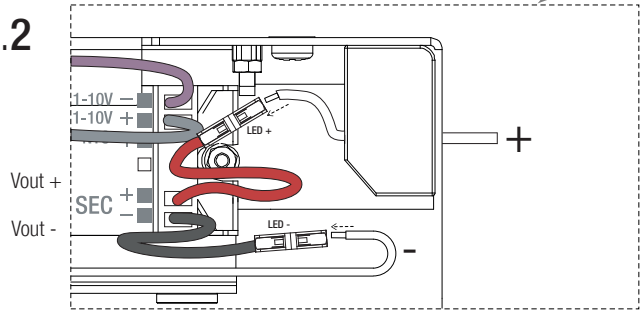
15

POWER OUT	
LED +	Vout +
LED -	Vout -

15.1

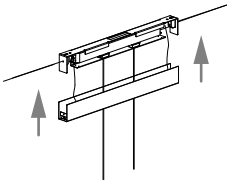


16.2

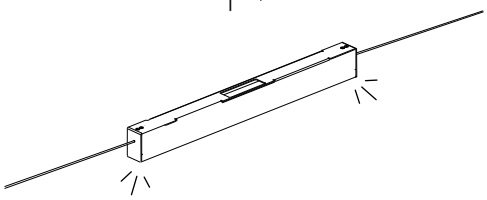


16

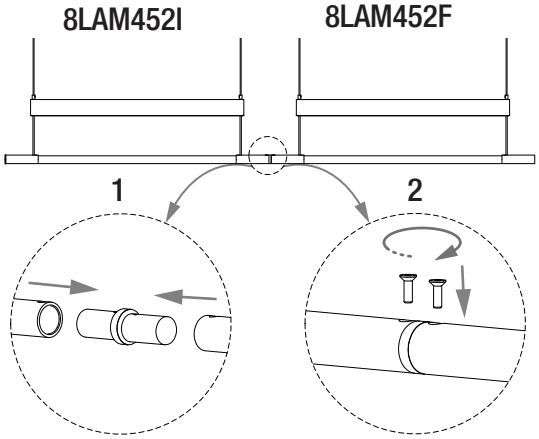
16.1



16.2

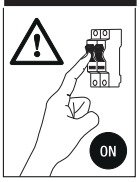


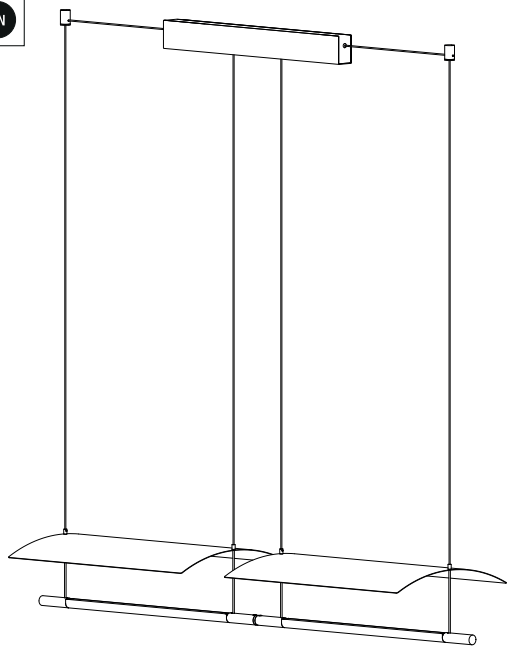
16.3



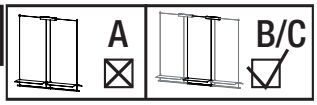
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17



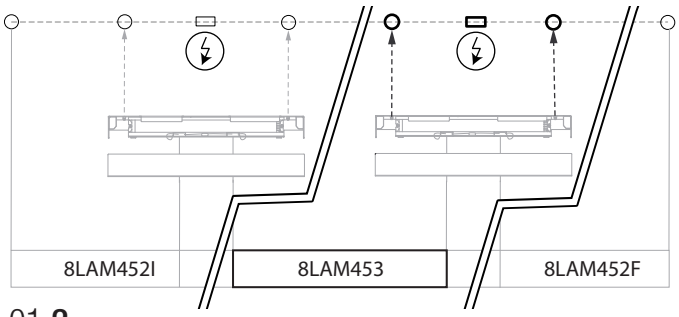


01



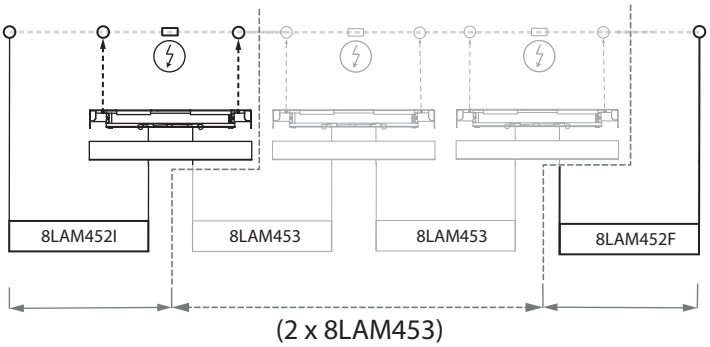
01.**1** 8LAM 52 módulo inicial
8LAM452 initial module
8LAM452 module initial

B

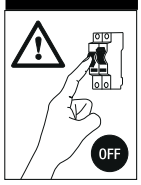


01.**2**

C Composición Sistema C: 8LAM452I + (2 x 8LAM453) + 8LAM452F
System Composition C: 8LAM452I + (2 x 8LAM453) + 8LAM452F
Composition du système C: 8LAM452I + (2 x 8LAM453) + 8LAM452F

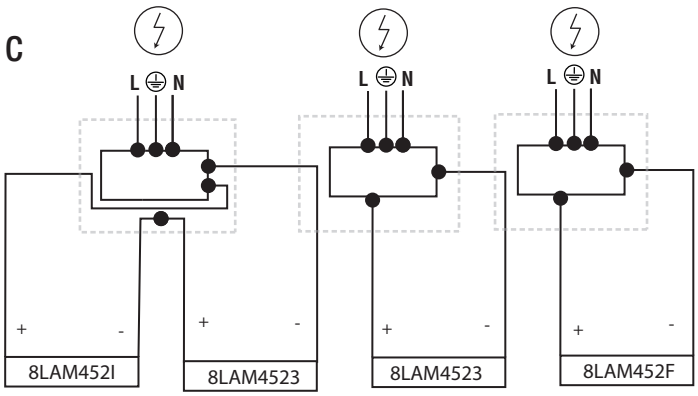


02



B

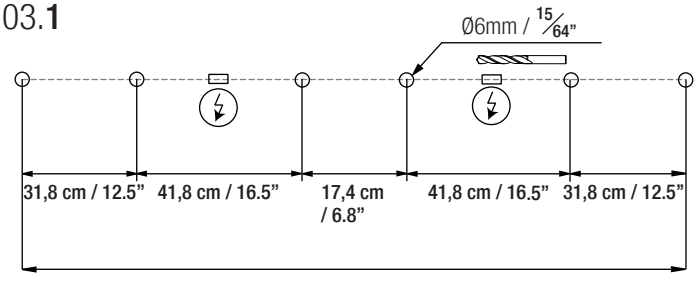
C



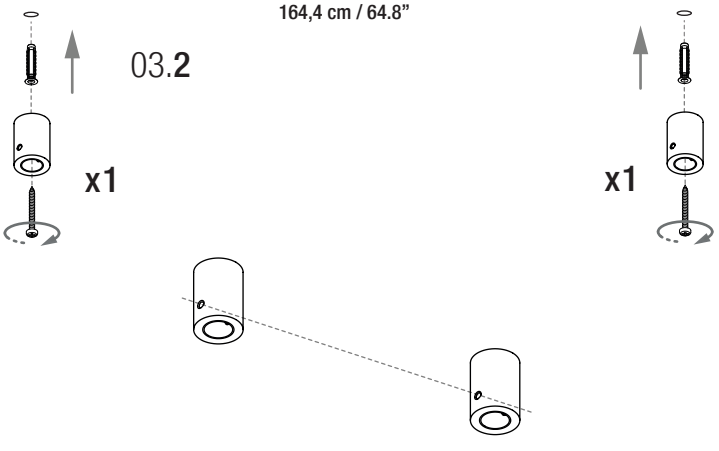
03

Dependiendo de la composición del sistema, variar perforaciones según el número de módulos LAM453.
Depending on the composition of the system, modify the perforations according to the number of LAM453 modules.
Selon la composition du système, les perforations varient en fonction du nombre de modules LAM453.

03.**1**



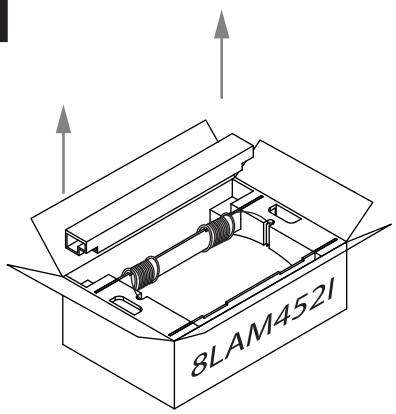
03.**2**

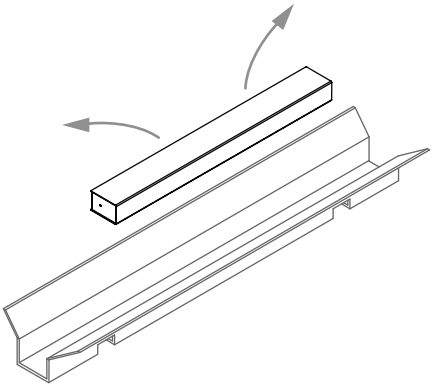


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04

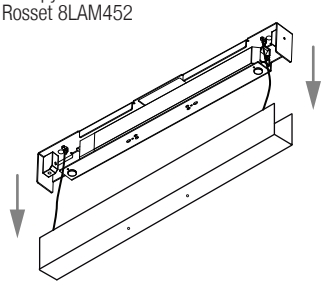




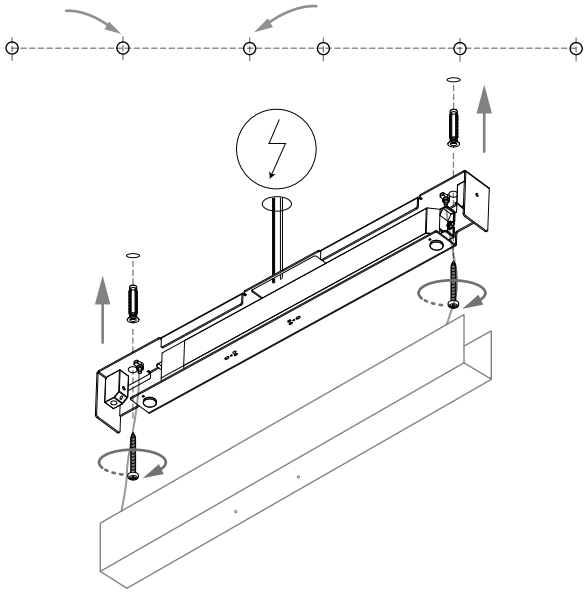
05

Florón 8LAM452
Canopy 8LAM452
Rosset 8LAM452

05.1



05.2

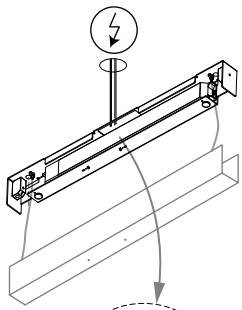


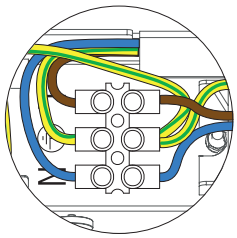
06

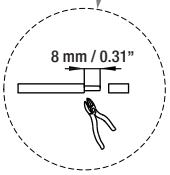
POWER IN

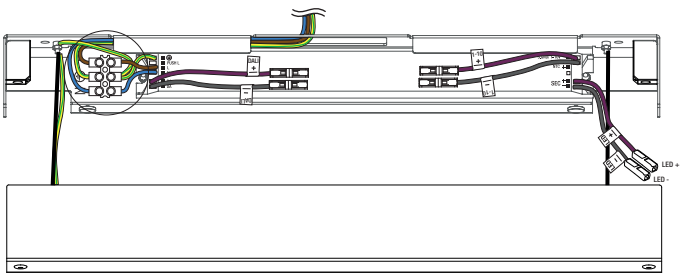
Azul / Blue	N
Marrón / Brown	L
Verde-Amarillo / Green-Yellow	⏚

Cableado con doble aislamiento
Double insulated wiring
Câblage à double isolation





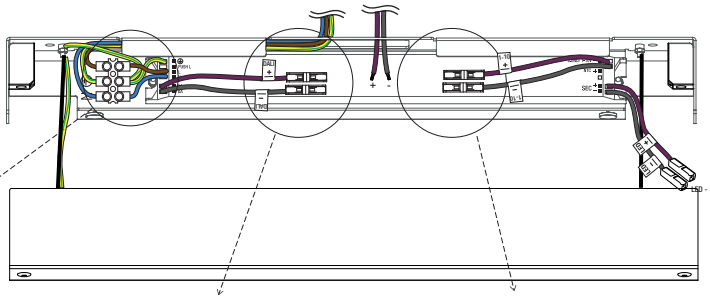




07

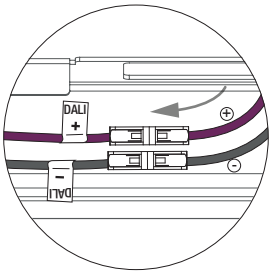
DIMMING (opcional / optional / optionnel)

Violeta / Violet / Violette	DIM+
Gris / Grey / Gris	DIM–



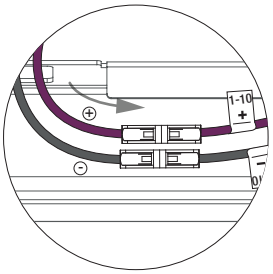
DALI

opción A / option A / option A

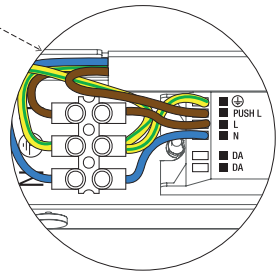


1-10V

opción B / option B / option B



PUSH



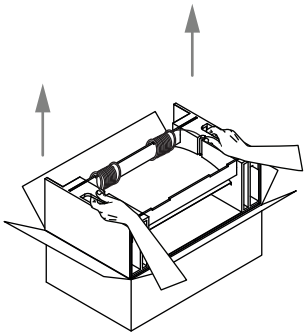
IMPORTANTE / IMPORTANT / IMPORTANT
El cable requerido para la conexión push tiene que ser de 0.5–1.5 mm² de sección (AWG20-16). / The cable required for the PUSH connection must have a cross-sectional area of 0.5–1.5 mm² (AWG20-16). / Le câble requis pour la connexion PUSH doit avoir une section de 0,5–1,5 mm² (AWG20-16).

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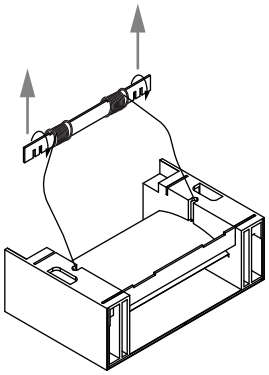
08

No extraer la luminaria del packaging.
Do not remove the luminaire from the packaging.
Ne retirez pas le luminaire de son emballage.

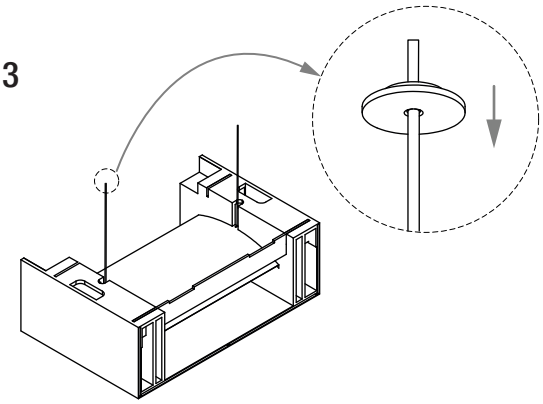
08.**1**



08.**2**



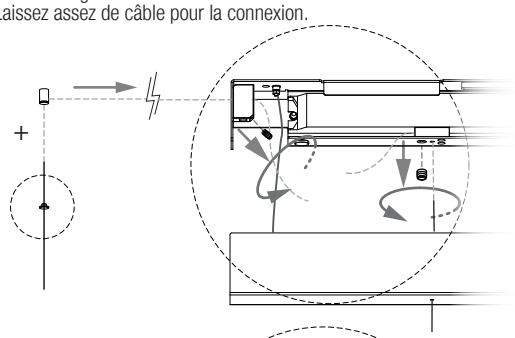
08.**3**



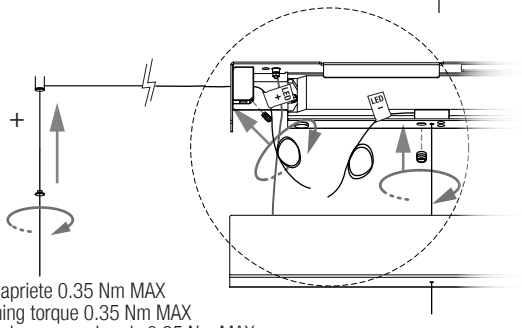
09

IMPORTANTE / IMPORTANT / IMPORTANT
Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laissez assez de câble pour la connexion.

09.**1**

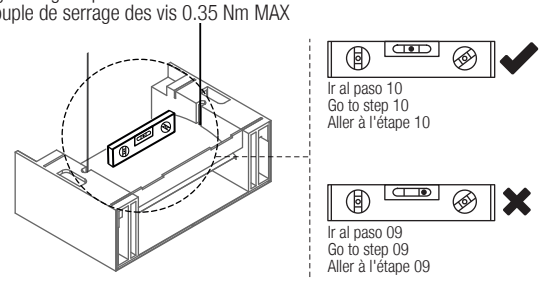


09.**2**



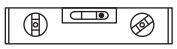
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

09.**3**

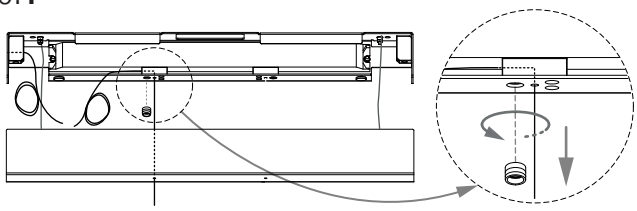


10

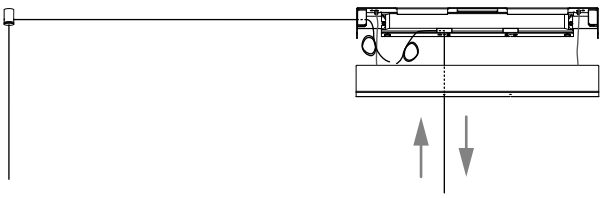
Si la lámpara no está alineada.
If the lamp is not aligned.
Si la lampe n'est pas alignée.



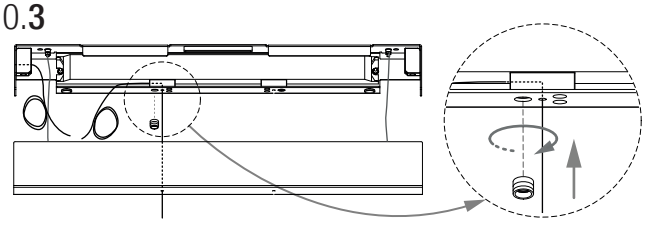
10.**1**



10.**2**



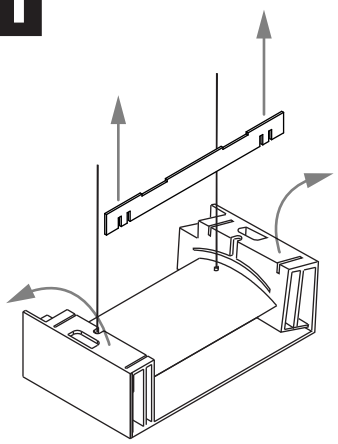
10.**3**



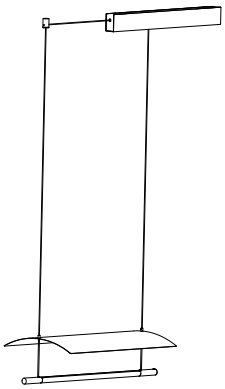
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

11

11.**1**



11.**2**

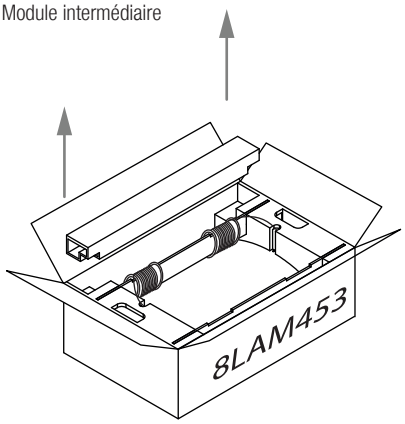


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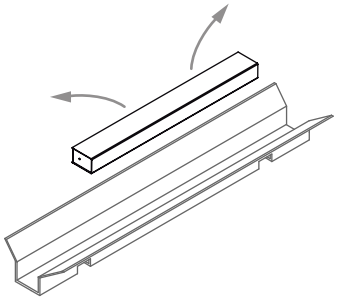
12

IMPORTANTE / IMPORTANT / IMPORTANT
Por cada módulo intermedio (8LAM453) repetir pasos 11 hasta 17
For each intermediate module (8LAM453) repeat steps 11 to 17
Pour chaque module intermédiaire (8LAM453) répéter les étapes 11 à 17

12.**1** 8LAM453 Módulo intermedio
8LAM453 Intermediate module
8LAM453 Module intermédiaire



12.**2**

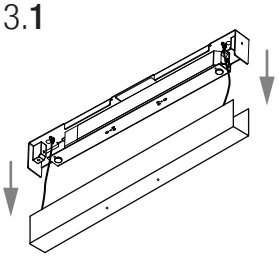


13

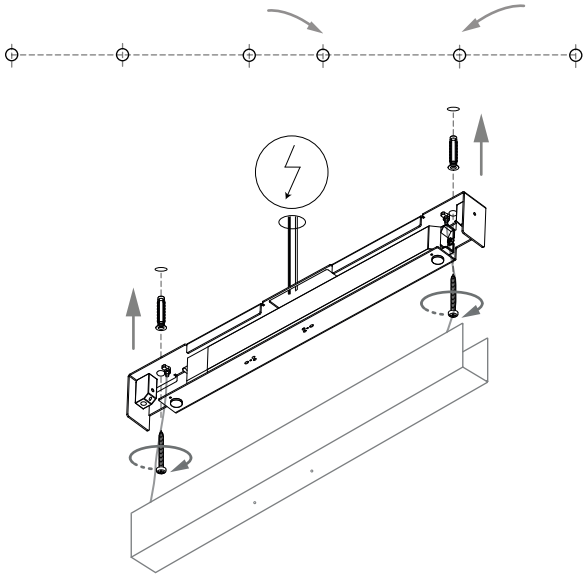
Florón 8LAM453
Canopy 8LAM453
Rosset 8LAM453

POWER IN		
Azul / Blue	N	
Marrón / Brown	L	
DIMMER 1-10V / DALI		
Violeta / Purple	Dim +	**Opcional Optional En option**
Gris / Grey	Dim -	

13.**1**



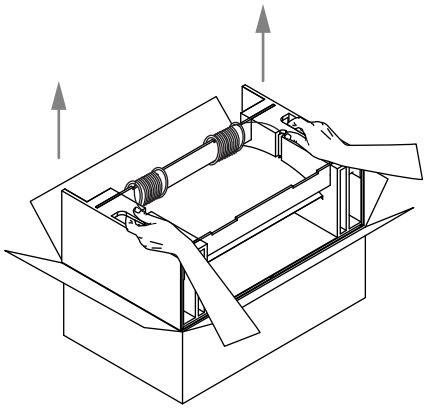
13.**2**



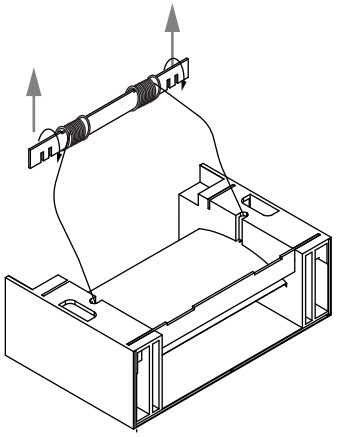
14

No extraer la luminaria del packaging.
Do not remove the luminaire from the packaging.
Ne retirez pas le luminaire de son emballage.

14.**1**



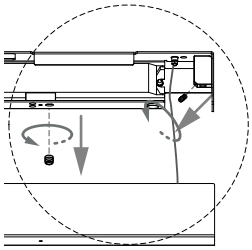
14.**2**



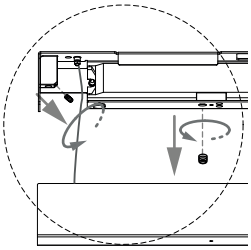
15

15.**1**

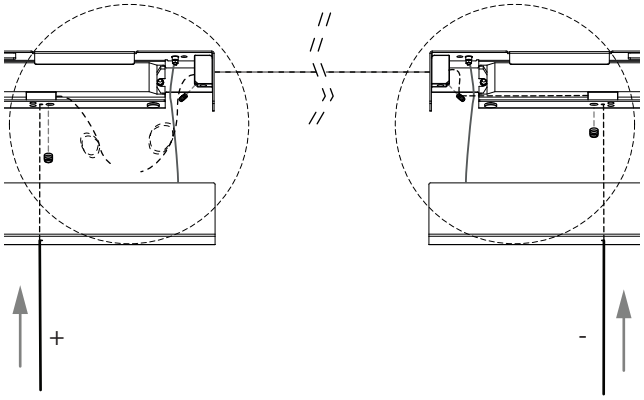
8LAM452I



8LAM453



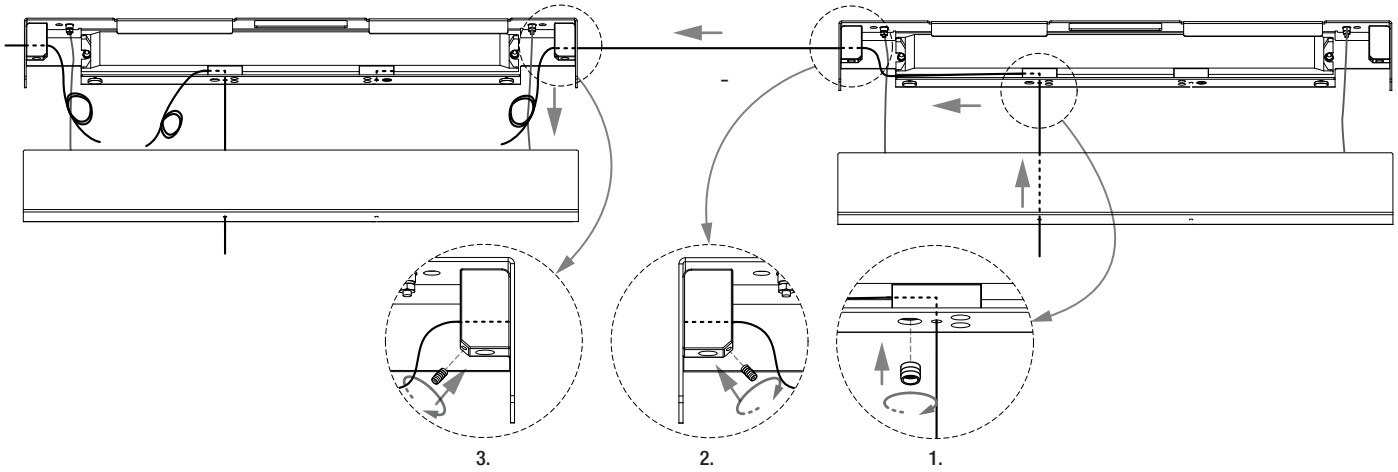
15.**2**

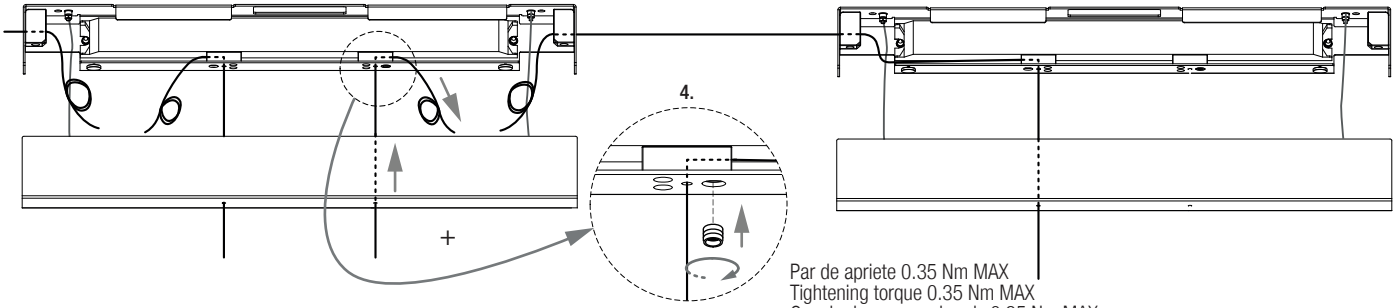


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16

IMPORTANTE / IMPORTANT / IMPORTANT
Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laissez assez de câble pour la connexion.

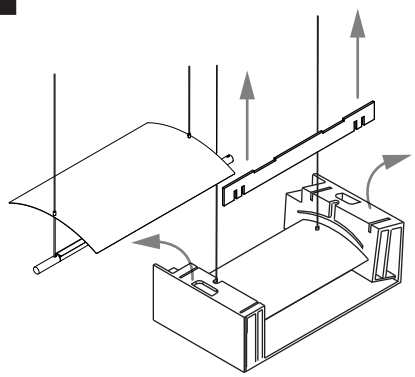




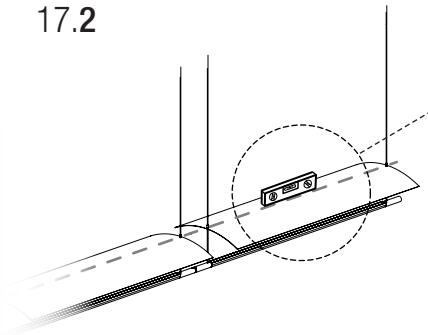
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

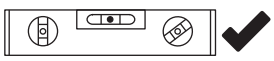
17

17.**1**

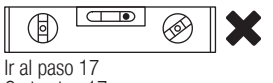


17.**2**





Ir al paso 18
Go to step 18
Aller à l'étape 18

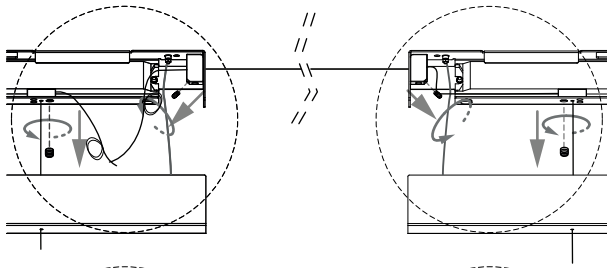


Ir al paso 17
Go to step 17
Aller à l'étape 17

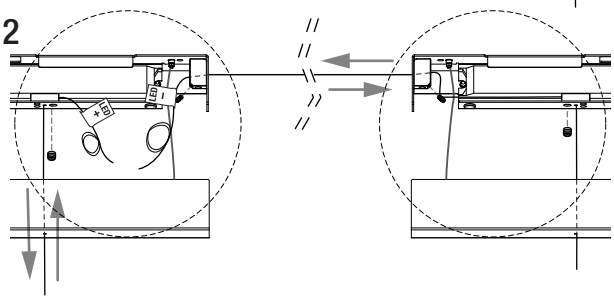
18

IMPORTANTE / IMPORTANT / IMPORTANT
Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laissez assez de câble pour la connexion.

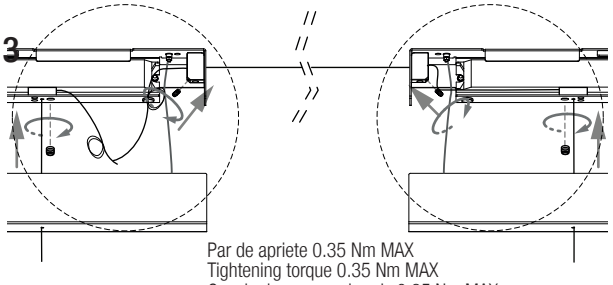
18.**1** **8LAM452I** **8LAM453**



18.**2**



18.**3**



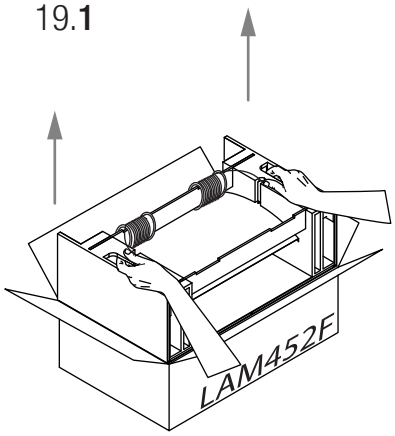
Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

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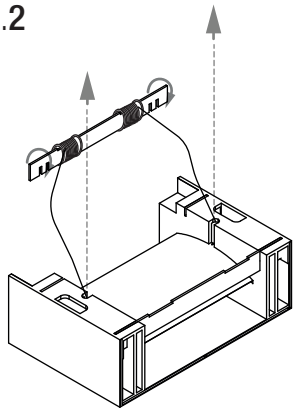
19

8LAM452F módulo final
8LAM452F final module
8LAM452F module final

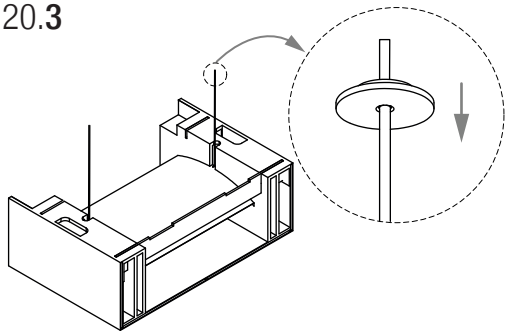
19.1



18.2



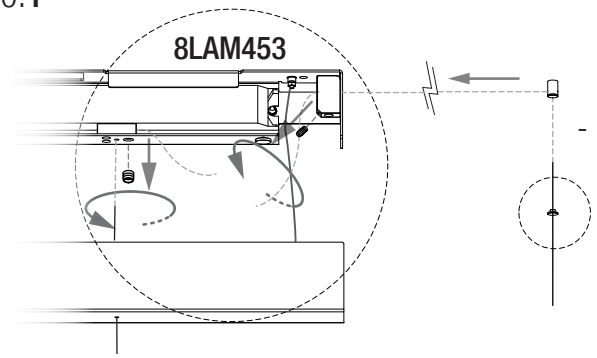
20.3



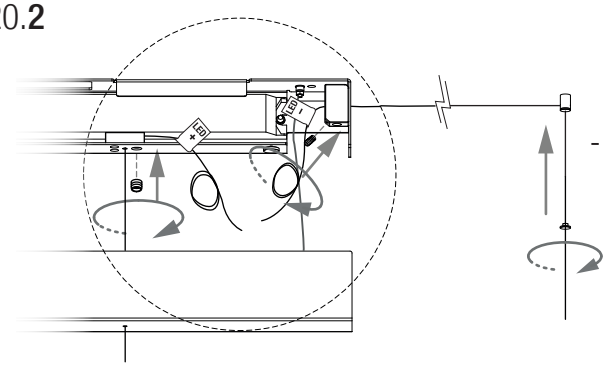
20

IMPORTANTE / IMPORTANT / IMPORTANT
Dejar cable suficiente para la conexión.
Leave enough cable for the connection.
Laisszez assez de câble pour la connexion.

20.1

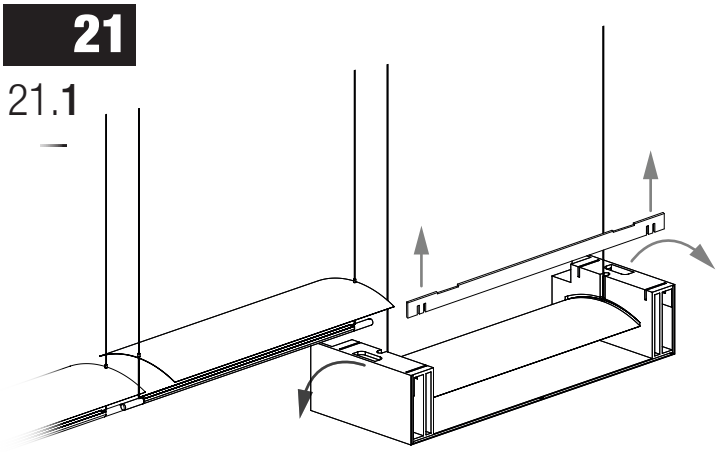


20.2

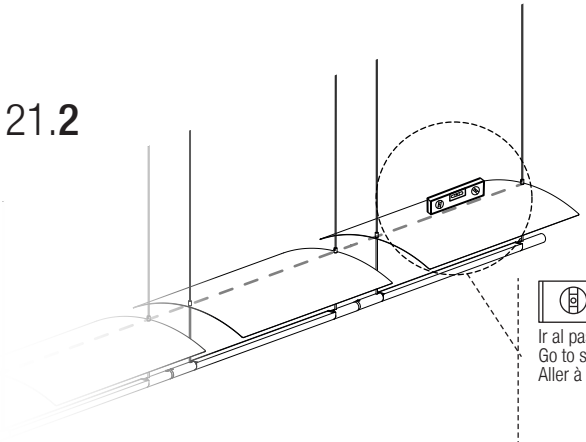


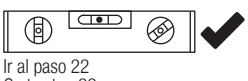
21

21.1

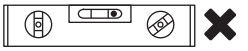


21.2





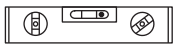
Ir al paso 22
Go to step 22
Aller à l'étape 22



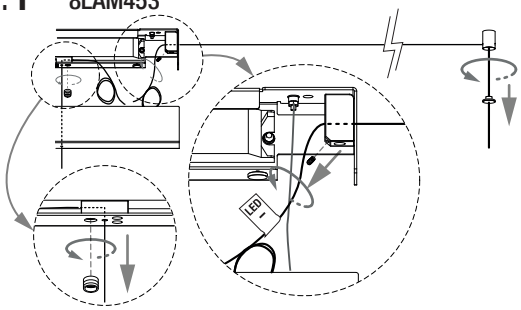
Ir al paso 21
Go to step 21
Aller à l'étape 21

22

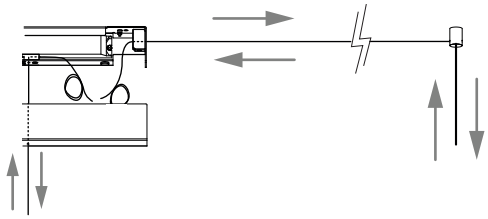
Si la lámpara no está alineada.
If the lamp is not aligned.
Si la lampe n'est pas alignée.



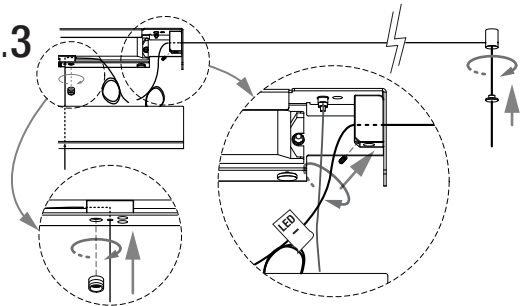
22.1 8LAM453



22.2



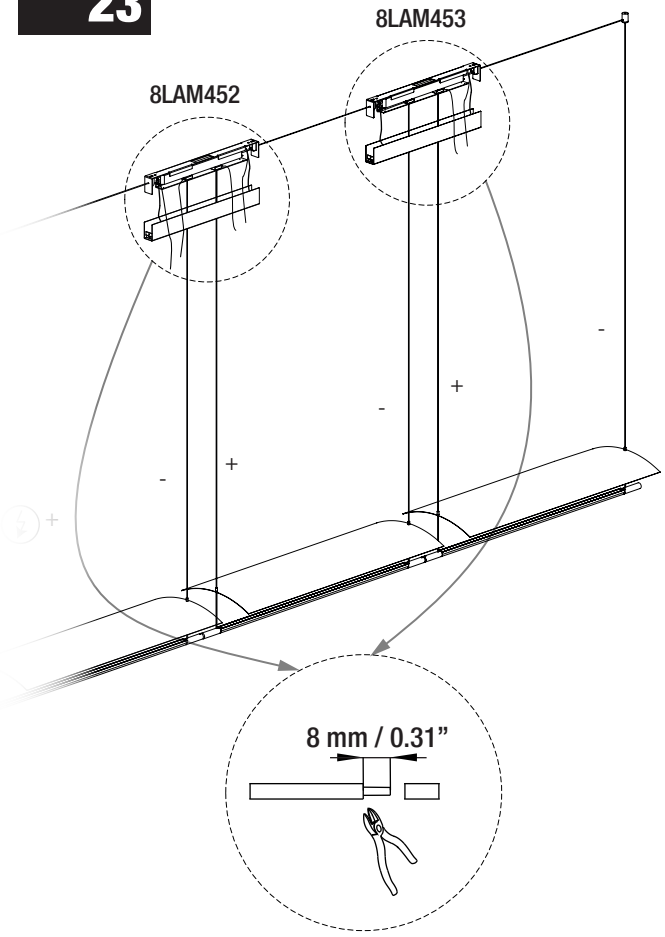
22.3



Par de apriete 0.35 Nm MAX
Tightening torque 0.35 Nm MAX
Couple de serrage des vis 0.35 Nm MAX

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23

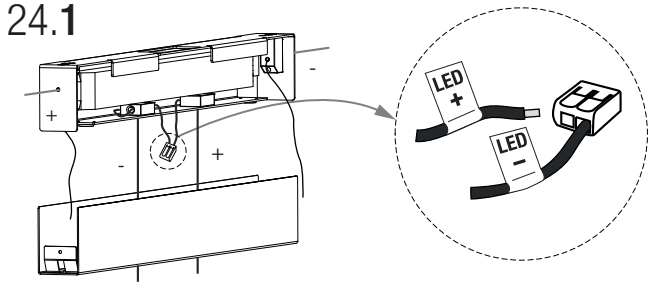


24

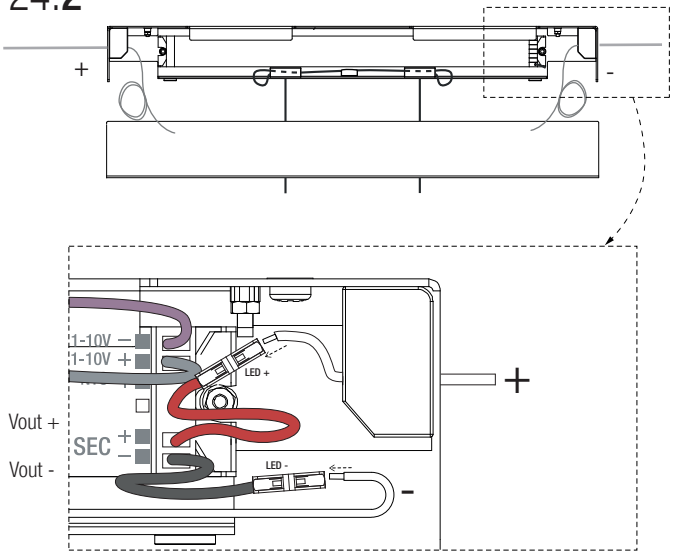
Florón 1. 8LAM452
Canopy 1. 8LAM452
Rosset 1. 8LAM452

POWER OUT	
LED +	Vout +
LED -	Vout -

24.**1**



24.**2**

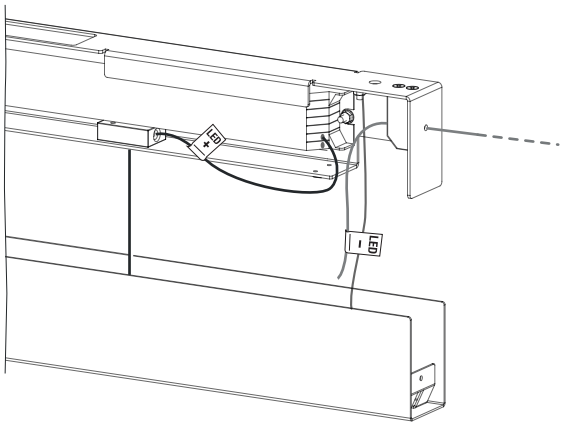


25

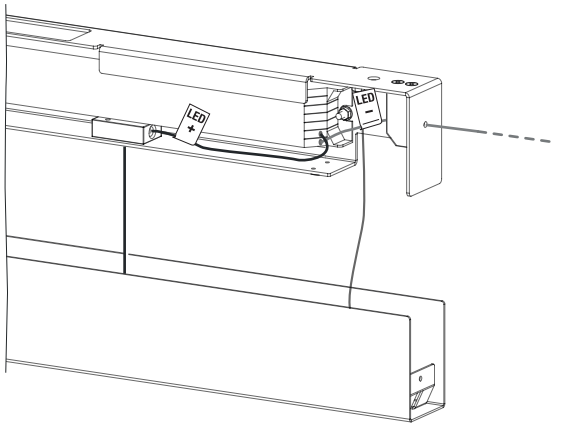
Florón 2. 8LAM453
Canopy 2. 8LAM453
Rosset 2. 8LAM453

POWER OUT	
LED +	Vout +
LED -	Vout -

25.**1**

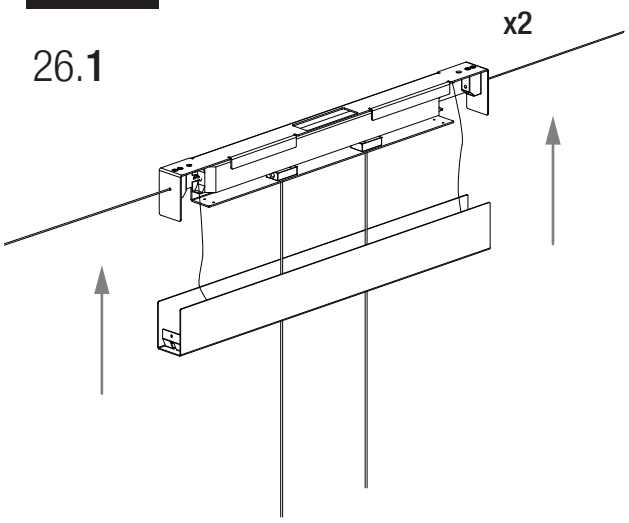


25.**2**

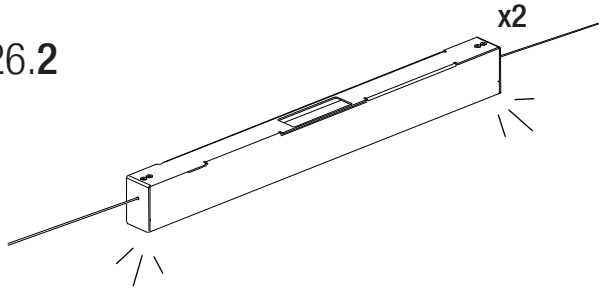


26

26.**1**

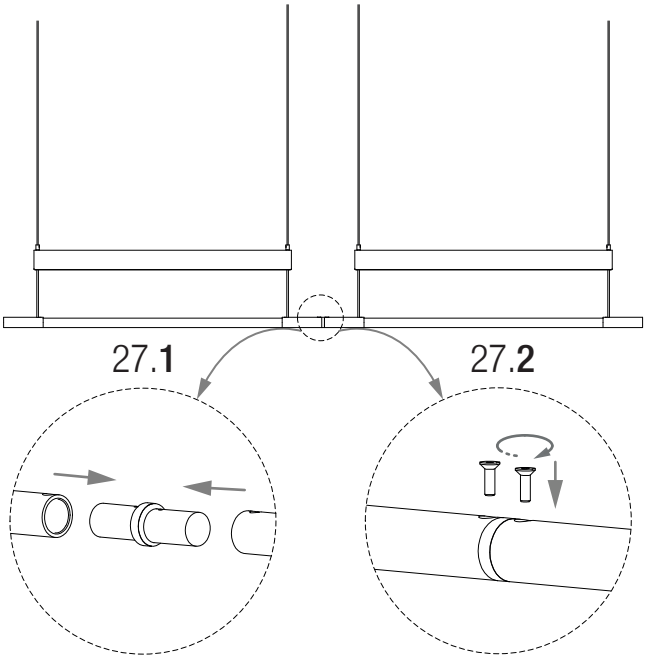


26.**2**

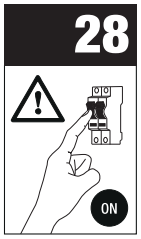


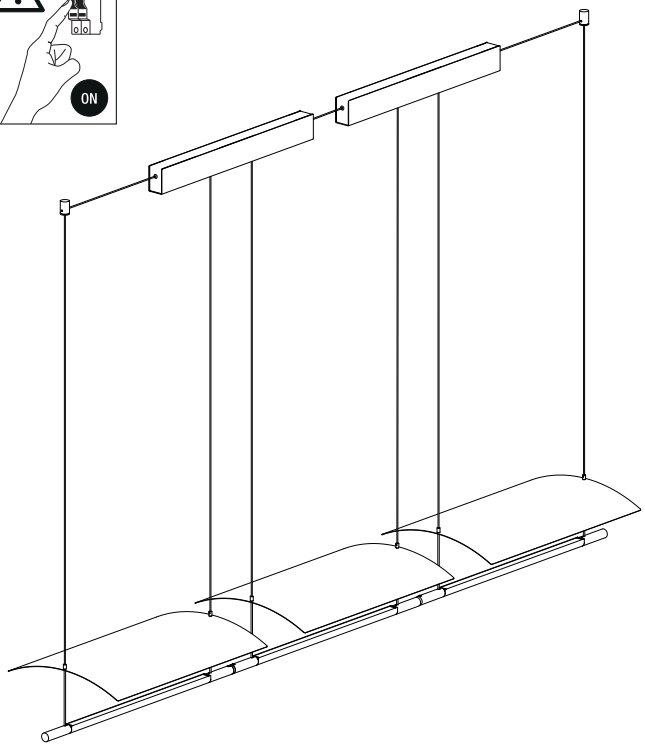
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27



28





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