

## instruction manual

Solo 11, 16 & 16 Plus series  
Track Mounted  
Constant Voltage

Solo 11	4.2W	405lm
Solo 16	8.4W	700lm
Solo 16 Plus	12.6W	1245lm

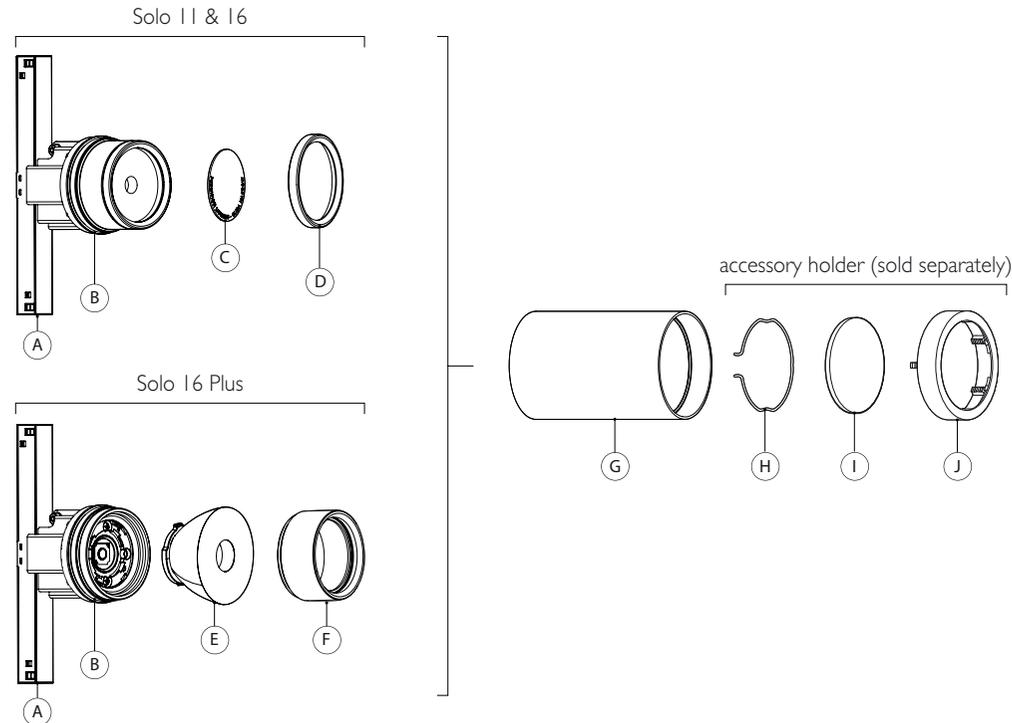
These instructions cover procedures for all track mounted versions of Solo 11, 16 & 16 Plus series.



### KEY PRODUCT FEATURES

A	Track Adaptor	F	Optic Cap (16 Plus only)
B	Luminaire Body	G	Snoot
C	Microlens (11 & 16 series only)	H	Accessory Clip
D	Microlens Cap (11 & 16 series only)	I	Accessory (up to 2)
E	Optic (16 Plus only)	J	Double Accessory Holder

COMPATIBLE POWER SUPPLY	ORDER CODE	LUMINAIRE QUANTITY
Meanwell 60W 48V	PSCV-60-48-N1-MW	1 to 4
Meanwell 100W 48V	PSCV-100-48-N1-MW	1 to 7



## IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THESE PRODUCTS. SAVE THESE INSTRUCTIONS FOR LATER REFERENCE.

- All systems must be installed by a suitably qualified professional only. Installations must conform to national installation and accident prevention regulations.
- Do not install any fixture closer than 150mm from any combustible material. Do not install these products in a damp or wet location.
- To reduce the risk of fire and burns, do not install these products where exposed bare conductors can be shorted or contact any conductive materials. Do not conceal or extend exposed conductors through a building wall.
- Ensure all connections are tight. Bad connections can cause overheating, arcing and a potential fire risk.
- Always use appropriate optics and ensure they are fitted securely.
- Use only as described in this Precision Lighting manual.
- Use only Precision Lighting recommended accessories.
- Ensure that the luminaire is switched off at mains supply before installing or removing.
- Luminaires may be extremely hot, allow to cool before touching.
- These are LED luminaires, they must be connected to an appropriate PSU.
- Regular cleaning of these products is important. Switch off at mains supply and allow to cool before touching. Clean fittings with a soft damp cloth and allow to dry before reconnecting power supply

## instruction manual

Solo 11 / 16 / 16 Plus Stucchi  
Electrical Installation  
AC to DC power supply  
Constant Voltage Driver

### WARNING

Do not exceed maximum number of luminaires per driver wattage rating, see driver datasheet for details.

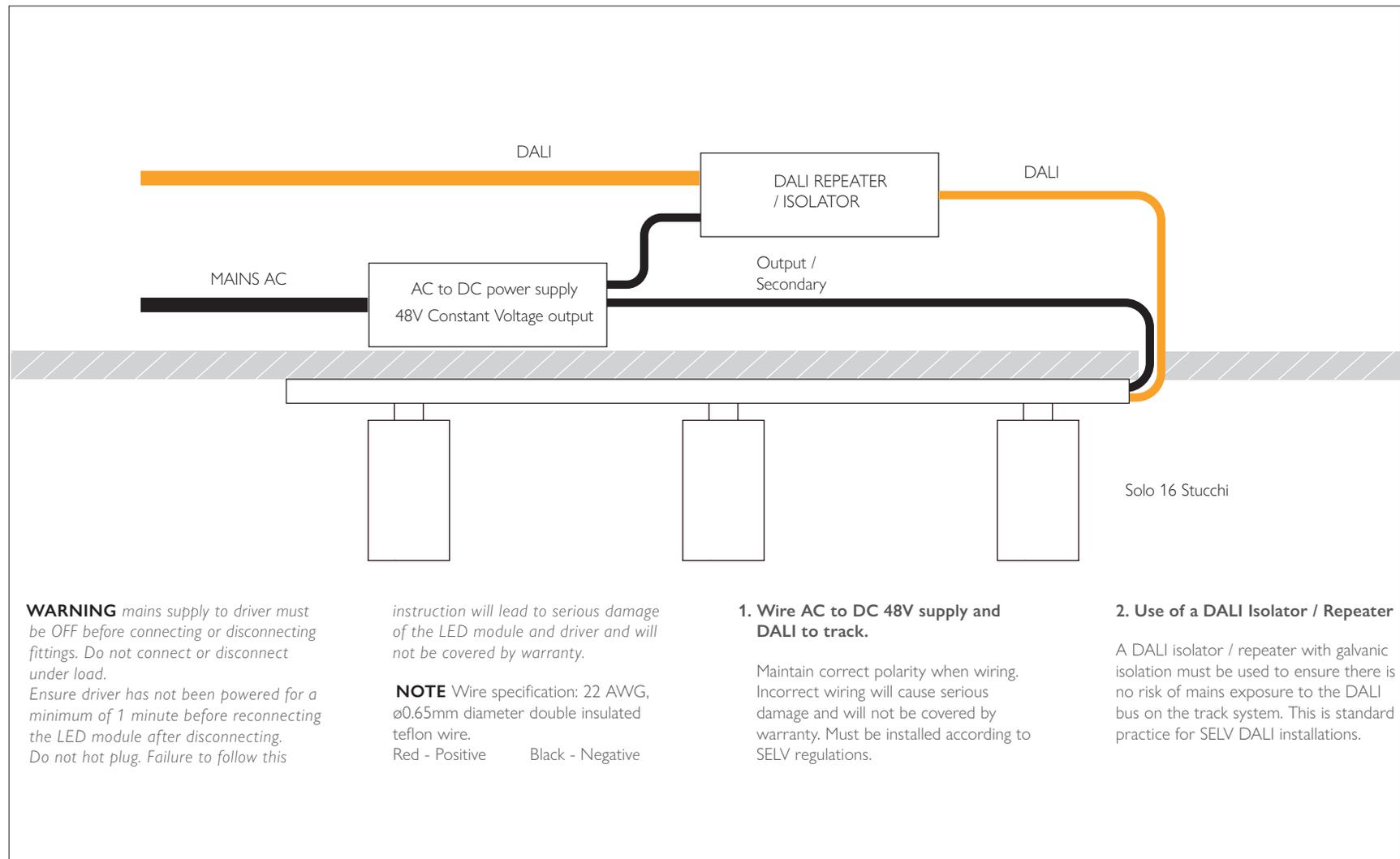
Remote access required for driver.

These instructions are applicable to all luminaires including:

Solo 11 - Stucchi DALI

Solo 16 - Stucchi DALI

Solo 16 Plus - Stucchi DALI



**WARNING** mains supply to driver must be OFF before connecting or disconnecting fittings. Do not connect or disconnect under load.

Ensure driver has not been powered for a minimum of 1 minute before reconnecting the LED module after disconnecting. Do not hot plug. Failure to follow this

instruction will lead to serious damage of the LED module and driver and will not be covered by warranty.

**NOTE** Wire specification: 22 AWG, ø0.65mm diameter double insulated teflon wire.  
Red - Positive      Black - Negative

### 1. Wire AC to DC 48V supply and DALI to track.

Maintain correct polarity when wiring. Incorrect wiring will cause serious damage and will not be covered by warranty. Must be installed according to SELV regulations.

### 2. Use of a DALI Isolator / Repeater

A DALI isolator / repeater with galvanic isolation must be used to ensure there is no risk of mains exposure to the DALI bus on the track system. This is standard practice for SELV DALI installations.

## IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THESE PRODUCTS. SAVE THESE INSTRUCTIONS FOR LATER REFERENCE.

- All systems must be installed by a suitably qualified professional only. Installations must conform to national installation and accident prevention regulations.
- Ensure that the luminaire is switched off at mains supply before installing or removing.
- Do not install these systems in a damp or wet location, IP20 environments only. Do not install any fixture closer than 150mm (6 inches) from any combustible material.
- To reduce the risk of fire and burns, do not install these systems where exposed bare conductors can be shorted or contact any conductive materials. Do not conceal or extend exposed conductors through a building wall.
- Ensure all connections are tight. Bad connections can cause overheating, arcing and a potential fire risk.
- Wire supply connections must be made with U.L or compatible testing agency-approved connectors. Always use appropriate optics and ensure they are fitted securely.
- Install and use only as described in this Precision Lighting manual.
- Use Precision Lighting recommended optics and accessories only.
- Luminaires may be hot, allow to cool before touching.
- Access to serviceable electrical components should be kept available for maintenance purposes.
- Regular cleaning of these products is important. Switch off at mains supply and allow to cool before touching. Clean fittings with a microfibre cloth. Then reconnect the power supply.

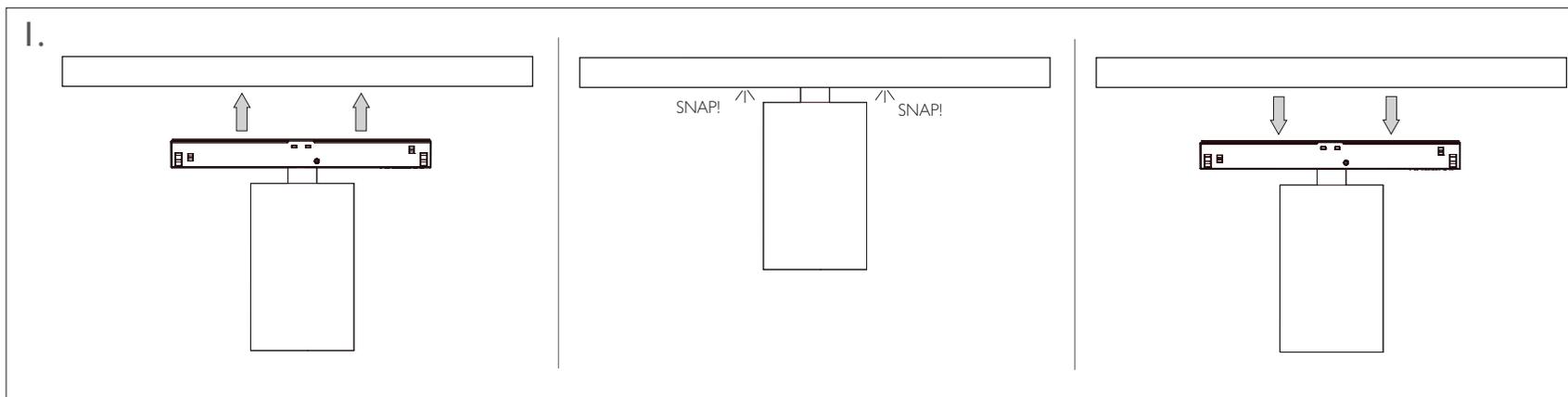
**NOTE** Model shown is the Solo 16 LED.  
The same procedures apply for Solo 11 LED.

## 1. Installing the luminaire

Insert luminaire into track and push up until it snaps into place. It is non-polarity sensitive so adapter can be inserted either way.

To remove from the track, pull down from the stem of the luminaire.

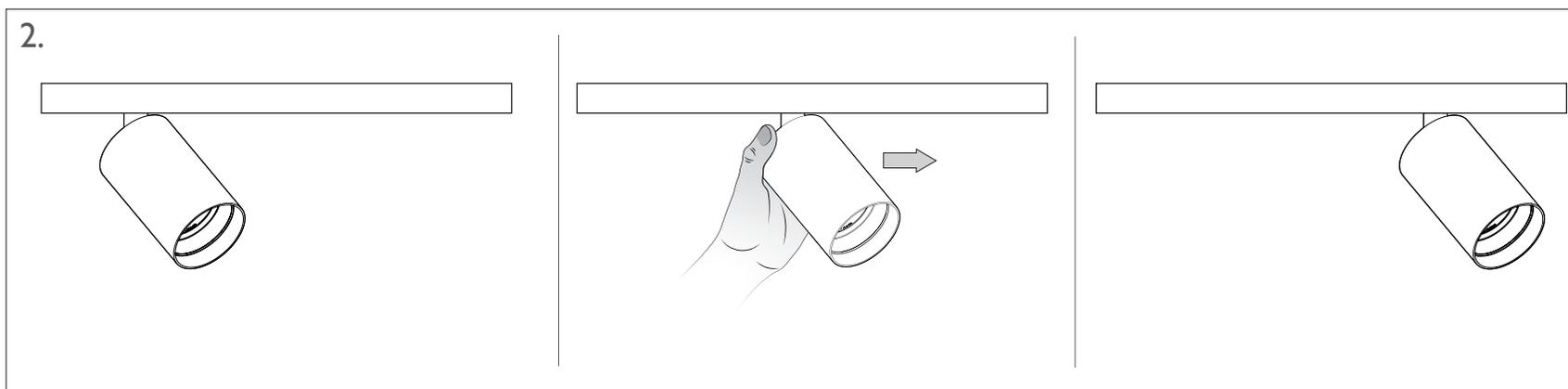
**NOTE** *Stucchi* adapter is not polarity sensitive.



## 2. Positioning fixtures

Once the luminaire is in the track, hold the luminaire as close to the track as possible and slide along the track to the desired position.

You do not need to remove the luminaire from the track to move it.



## 3. Locking pan in place

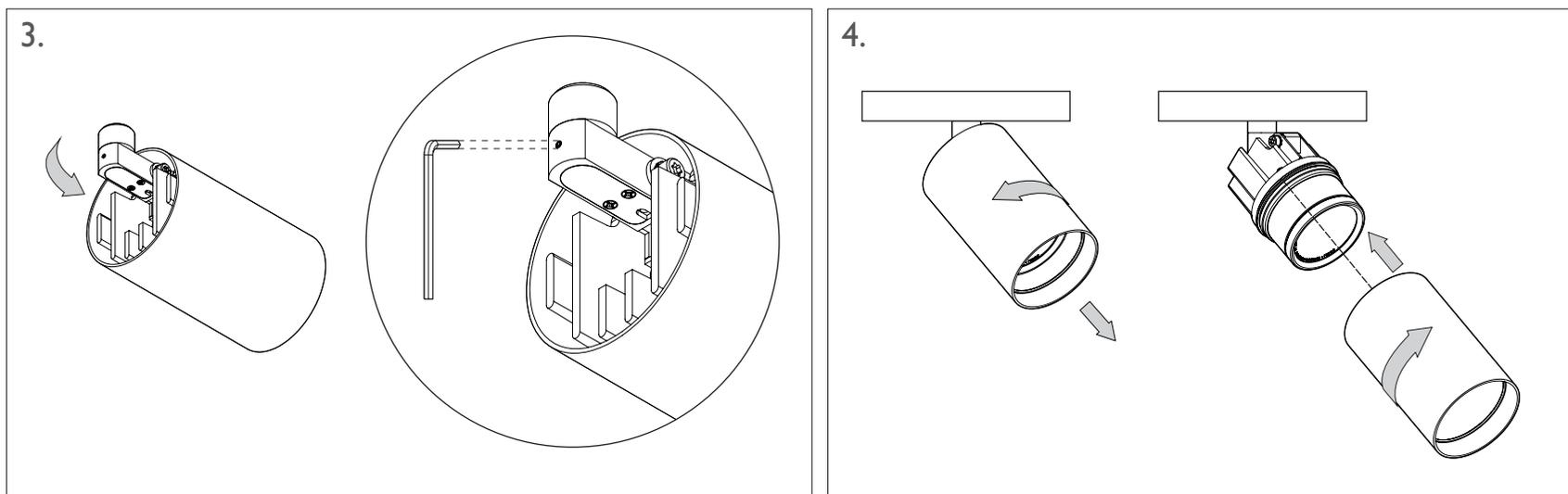
There is a lockable pan mechanism located on the knuckle. Using the hex key provided, the set screws can be tightened or loosened to lock / unlock the luminaire in desired pan position.

## 4. Removing and changing the snoot

**CAUTION** the luminaire may be extremely hot. Allow to cool before touching.

Unscrew snoot anti-clockwise to remove.

To reattach snoot, screw on clockwise until it stops and is secure.



## 5. Changing beam angle

### 5A) Changing the microlens

**NOTE** Only applies to Solo 11 & 16 series

Follow step 2 to remove the snoot.

Unscrew the microlens cap anti-clockwise until fully detached.

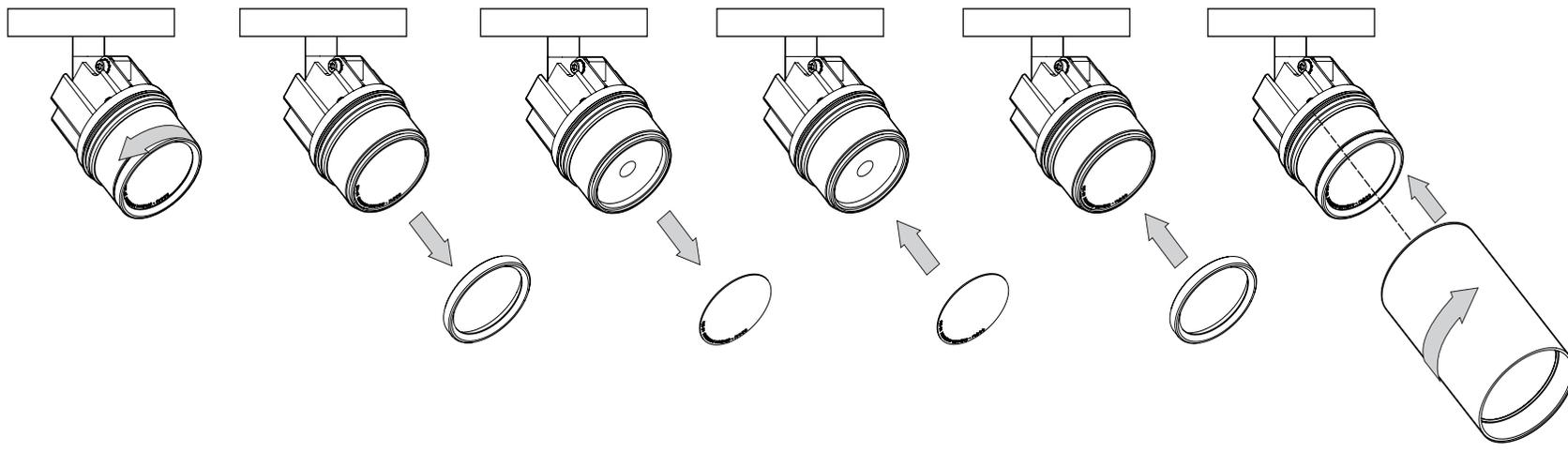
Remove the microlens and replace with alternative microlens ensuring it is installed flat.

**NOTE** Ensure the microlens is inserted with smooth side / text facing outwards, and text is legible.

Reattach microlens cap, screw clockwise until it stops and is tight and secure.

Reattach snoot, screw on clockwise until it stops and is secure.

5A).



### 5B) Changing the optic

**NOTE** Only applies to Solo 16 Plus series

Follow step 2 to remove the snoot.

Unscrew the Optic cap anti-clockwise until fully detached.

Gently quarter turn the optic anti-clockwise and remove.

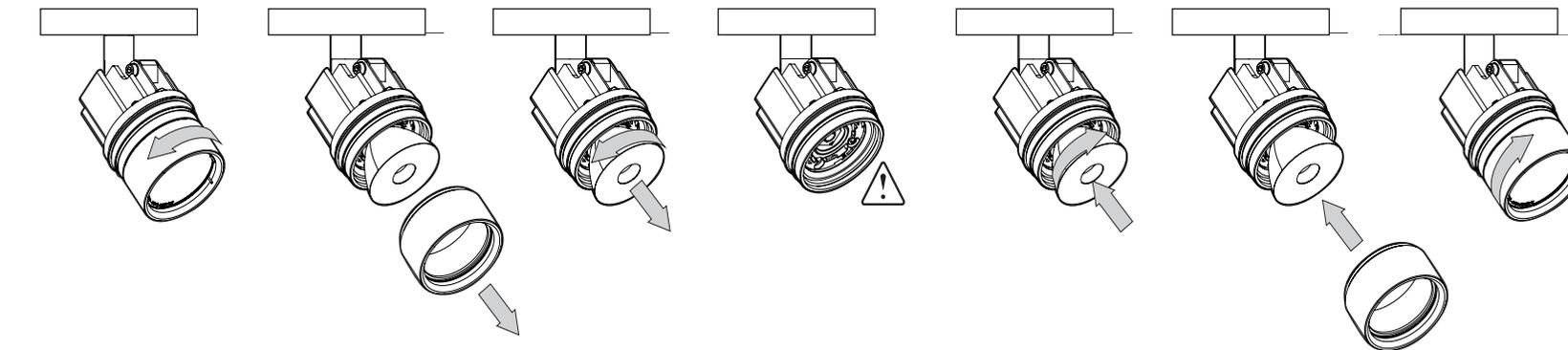
**NOTE** Do not touch the exposed LED

Carefully place optic on to LED and gently quarter turn clockwise to lock it into place.

Reattach Optic Cap, screw on clockwise until it stops and is secure.

Reattach Snoot, screw on clockwise until it stops and is secure.

5B).



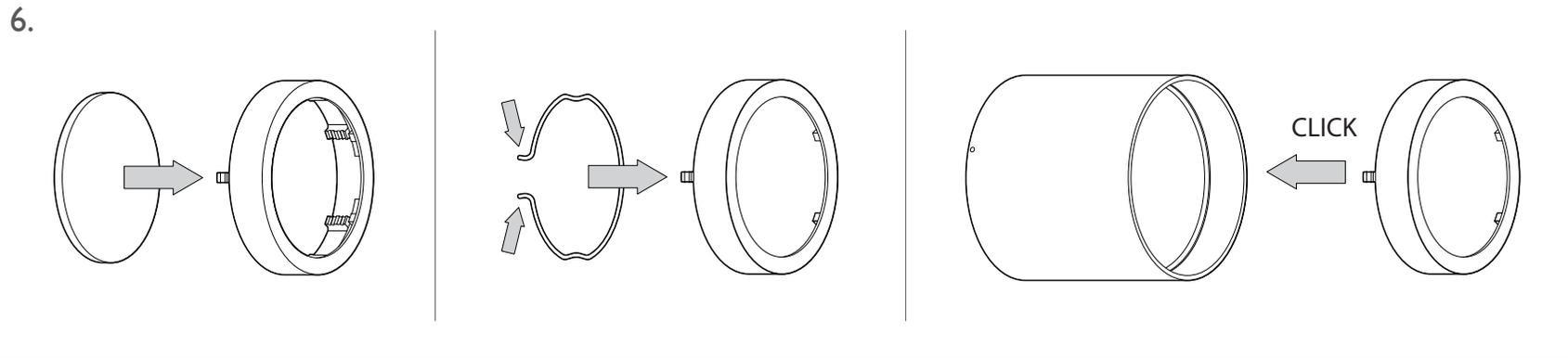
## 6. Installing accessories using the accessory holder

**NOTE** Accessory holder fits up to 2 accessories.

Place accessory inside accessory holder and ensure it is flat.

Pinch ends of the retaining clip and insert into accessory holder to secure accessory in place.

Insert accessory holder into snoot until it clicks into place.



## 7. Changing accessories using the accessory holder

Accessory holder fits up to 2 accessories.

Remove snoot (step 4) and remove accessory from snoot.

Remove accessory holder.

Pinch to remove retaining clip inside accessory holder to change accessory.

When reassembling, (step 6) ensure all components are placed flat inside the accessory holder before securing accessories in place using retaining clip.

Insert accessory holder into snoot until it clicks into place.

