DW Windsor

Installation Instructions

IP66 IK08 CE

⚠ IMPORTANT

- DISCONNECT ELECTRICAL SUPPLY BEFORE INSTALLATION OR SERVICING.
- THIS PRODUCT MUST BE EARTHED.
- THIS PRODUCT IS DESIGNED TO OPERATE OUTDOORS. IF REQUIRED TO BE USED INDOORS PLEASE CONSULT DW WINDSOR.
- THIS PRODUCT IS FITTED WITH HIGH IMPACT RESISTANT GLASS AND MAY BE MOUNTED AT HEIGHTS ABOVE OR BELOW 5m.

230VAC 50Hz

10/630/16 REV A

Product Details

The Kirium Pro range is supplied with entry detached from the luminaire.

	Dimensions (mm)			Max. Weight (kg)*	Windage m²
	A	B	C		
Kirium Pro 1	610	140	350	8.5	0.048
Kirium Pro 2	720	140	350	9.8	0.052
Kirium Pro 3	1010	167	415	17.1	00.867

*Maximum weight of lantern including post top entry.

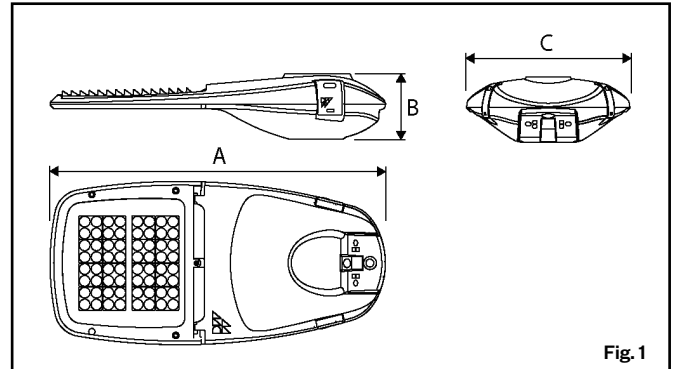|	Power Ranges (Watts)	
	Standard	CLO Enabled
Kirium Pro 1	7-105	6-95
Kirium Pro 2	22-198	20-177
Kirium Pro 3	41-394	37-353

Fig. 1 - Kirium Pro 2 (Please See Kirium Pro data sheet for all Kirium Pro technical drawings).

Column Engagement

The information shown below details the length of column engagement for each entry option.

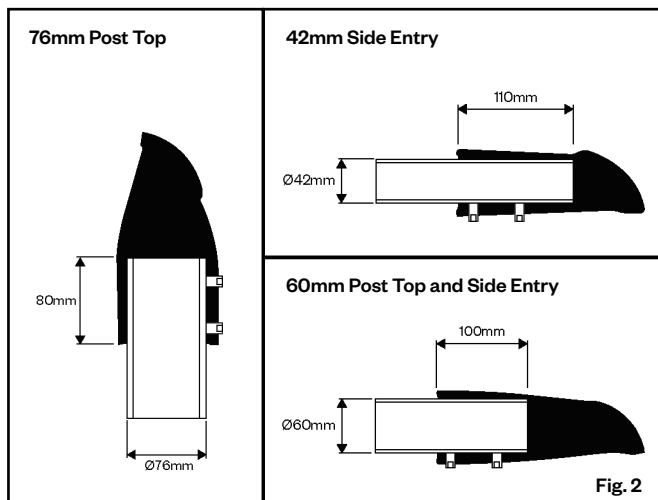| Entry Options	Column Engagement
76mm Post Top Entry	80mm
42mm Side Entry	110mm
60mm Post Top and Side Entry	100mm

Fig. 2 - Length of column engagement for each entry option.

Fasteners Supplied

- 2x M10 Screw
- 4x Disc Spring Washer
- 2x M10 Grub Screw
- 2x Locking Nut (for Kirium Pro 2 and 3 only, when using a Side Entry)
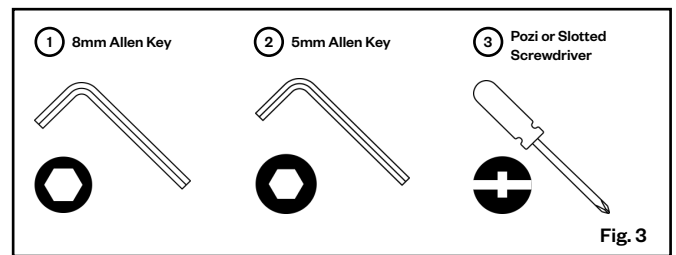
Tools Required

Tools not supplied.

Fig. 3 - Kirium Pro 2 (Please See Kirium Pro data sheet for all Kirium Pro technical drawings).

Recommended Torque

	Entry Mounting Torque (Nm)	Column Mounting Torque (Nm)
Kirium Pro 1	16	16
Kirium Pro 2	16	16
Kirium Pro 3	16	16

NOTE!

- Luminaire to be positioned so that prolonged staring into the luminaire at distances closer than shown below is not expected.
  - o Kirium Pro1 - 3.4m
  - o Kirium Pro2 - 4.8m
  - o Kirium Pro3 - 6.6m
- Do not stare at operating light source.
- Personnel to wear Protective Safety Glasses compliant with EN166 1F/ EN169 - 5 when commissioning or maintaining this luminaire.
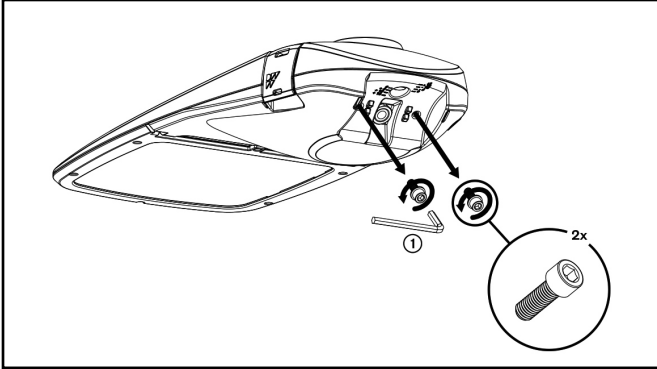
Kirium® Pro is a registered design.

Due to continuous product development the details within this document are subject to change at any time, please contact us for the most up-to-date information or visit: www.dwwindsor.com

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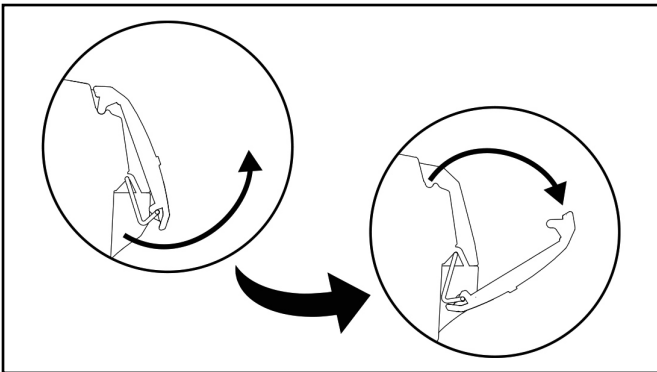dwwindsor.com

Kirium Pro Installation Steps | Post Top Entry

Step 1
Loosen and remove pre-attached 2x M10 screws and 4x disc spring washers from luminaire with 8mm allen key.
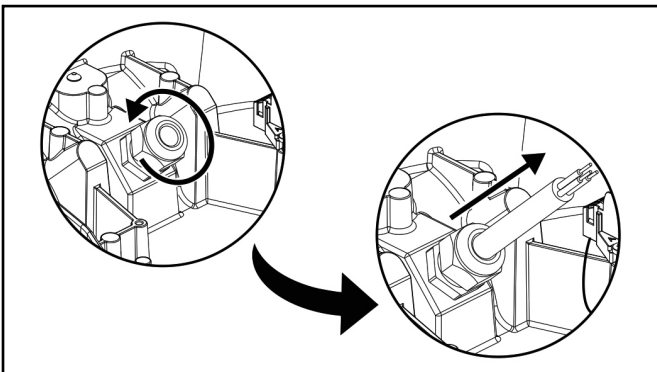

### Step 2 (See Step 2A for Side Entry installation instructions)
Fit entry to luminaire with supplied fasteners, tightening to 16Nm torque. 4x Disc spring washers must be installed in the correct orientation.

⚠ **Ensure entry is aligned to desired mounting angle.**

Step 3
Undo quick-release side latches, and leave latches in open position.
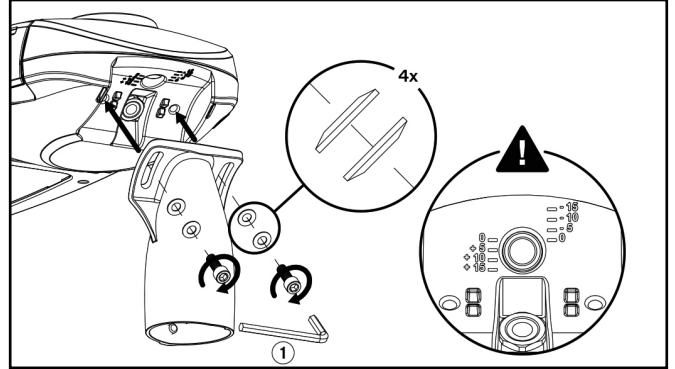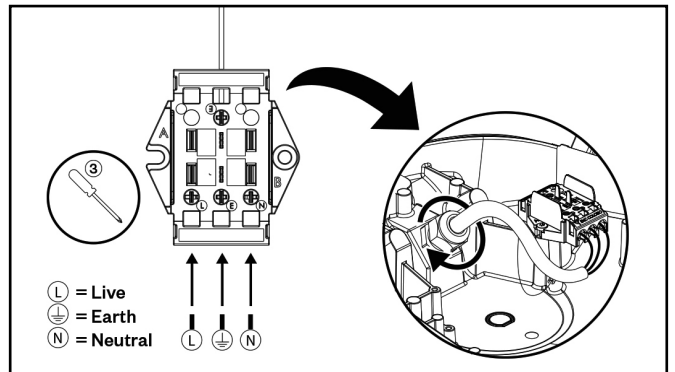

Step 4
Pivot lift-off head 45° away from base and remove. Store lift-off head in safe area during base installation.
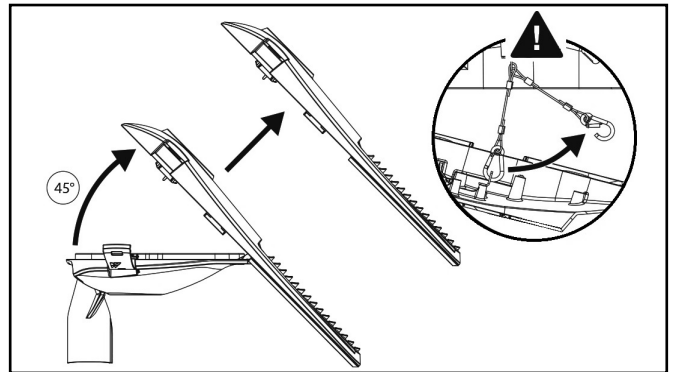
⚠ **Undo safety wire before removal of lift-off head. Ensure lift-off head is fully constrained at all times during removal. Kirium Pro 3 Only.**

Step 5
Loosen cable gland cap within base and feed through cable tail.

Step 6
Wire cable to electrical disconnect with Pozi or Slotted Screwdriver. Tighten gland cap to 6Nm torque to ensure IP sealing is maintained.

Ⓛ = **Live**
⏚ = **Earth**
Ⓝ = **Neutral**

NOTE!

LEDs contained within this luminaire shall only be replaced by the manufacturer, their service agent or similar qualified person.

Kirium Pro Installation Steps | Post Top Entry

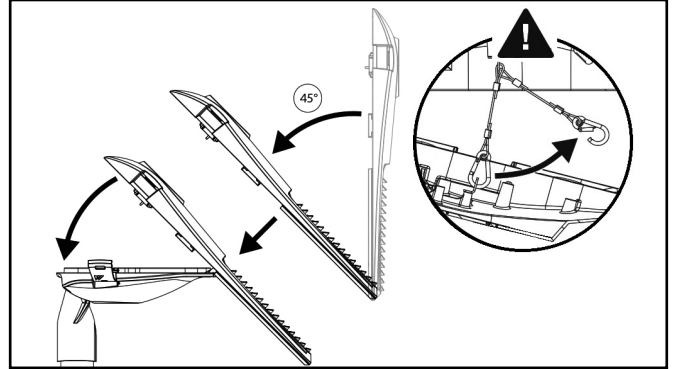**Step 7 (See Step 7A for Side Entry installation instructions)**
Loosen 2x M10 grub screws on entry with 5mm allen key. Slide entry on to column (See column engagement table). Tighten grubs screws to 16Nm.
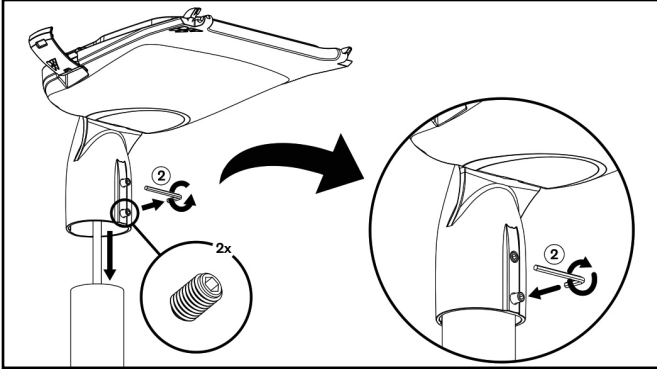
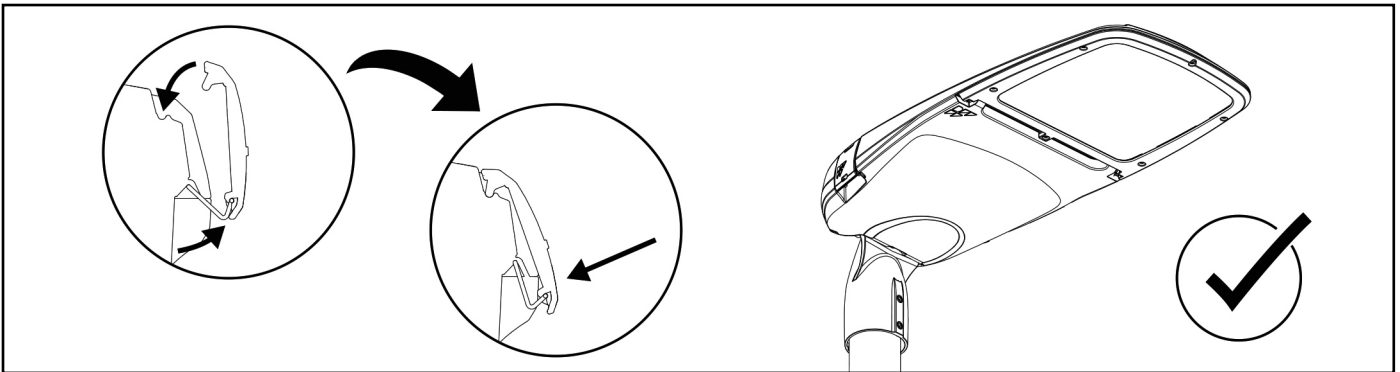⚠ **Align luminaire with area to be illuminated.**

Step 8
Angle lift-off head 45° and fit to base ensuring both pivot points are fully engaged.

⚠ CRITICAL! Attach safety wire to lift-off head before closing luminaire. Kirium Pro 3 Only.

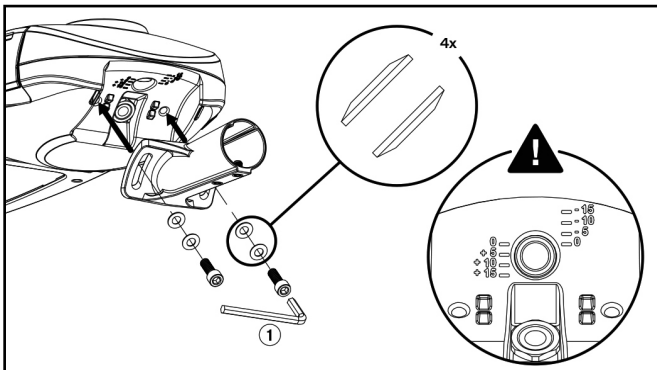**Step 9 (See Step 9A for Side Entry installation instructions)**
Close luminaire and fasten quick-release side latches.


Kirium Pro Installation Steps | Side Entry

Step 2A
Fit entry to luminaire with supplied fasteners, tightening to 16Nm torque. 4x Disc spring washers must be installed in the correct orientation.

⚠ **Ensure entry is aligned to desired mounting angle.**

Step 7A
Loosen 2x M10 grub screws on entry with 5mm allen key. Slide entry on to column (See column engagement table). Tighten grubs screws to 16Nm.
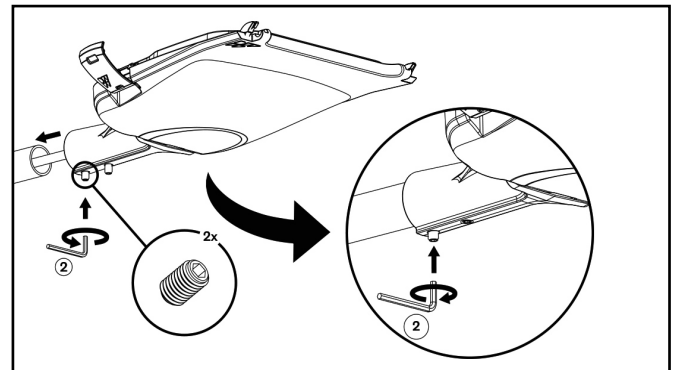
⚠ **Align luminaire with area to be illuminated.**

NOTE!

LEDs contained within this luminaire shall only be replaced by the manufacturer, their service agent or similar qualified person.
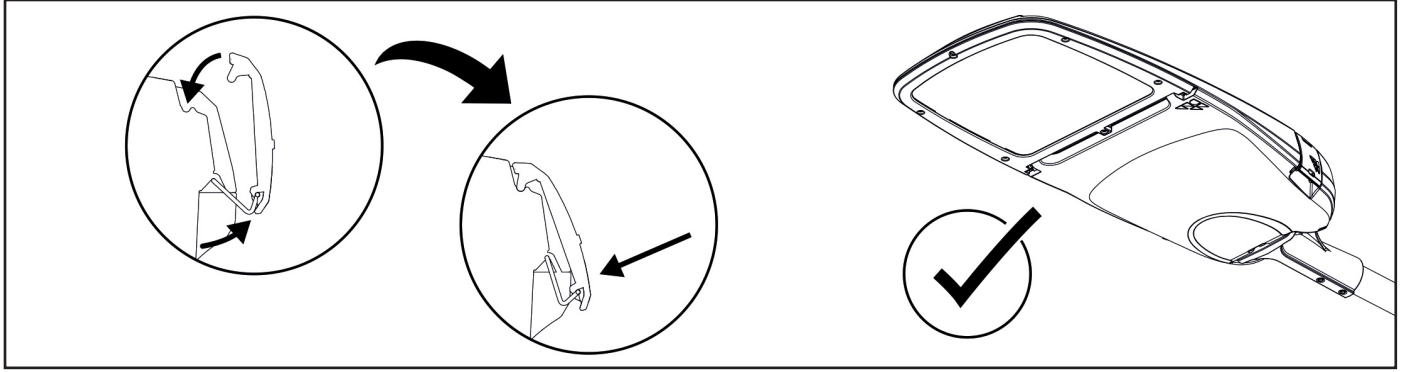
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Kirium Pro Installation Steps | Side Entry

Step 9A
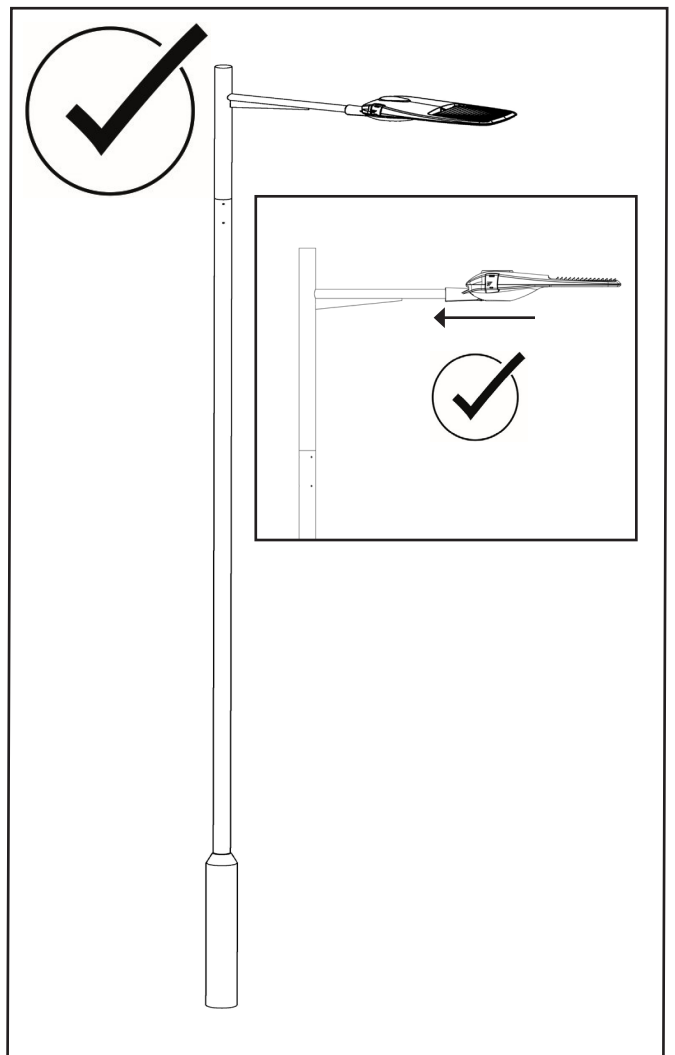Close luminaire and fasten quick-release side latches.

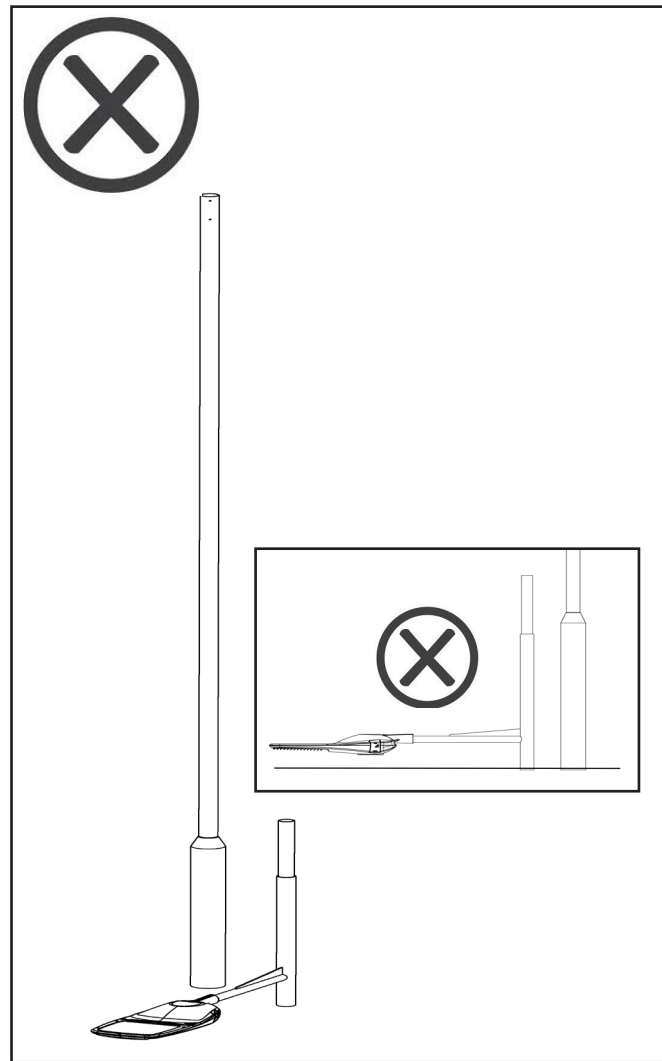## Kirium Pro Installation Steps | Side Entry

CAUTION!!

DO NOT mount luminaire on the ground/upside down
ALWAYS mount luminaire in situ on column/in correct orientation

Anti-Glare Shield

Anti-Glare Shields can be fitted to the luminaire post-installation, without opening the product.

Fasteners Supplied

Spring Clips and M4 screws are supplied in the following quantities for each anti-glare shield option.

• 2x for Front Shields
• 2x for Back Shields
• 4x for Front & Back Shields (6x for Front & Back Shields on Kirium Pro 3)

Spring Clips
Fit spring clips to luminaire before attaching anti-glare shields. Spring clips are push-fit and non-removeable once fitted.
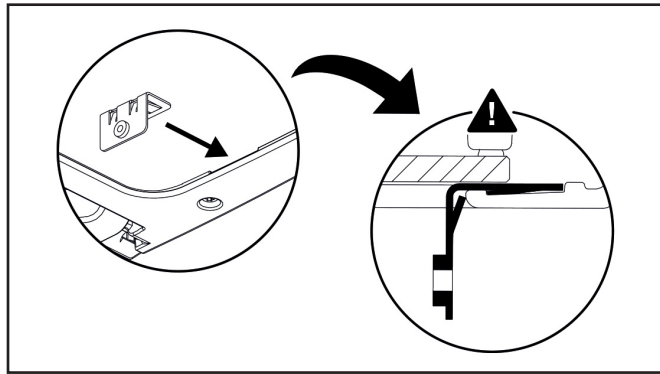
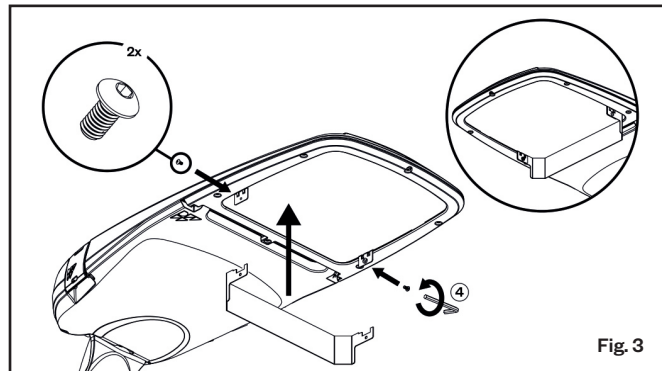⚠ **Ensure Anti-Glare Shield Clips are securely attached to the luminaire.**

Tools Required

Tools not supplied.

④ 2.5mm Allen Key

Fig. 1

Fig. 1 - Tools required for Kirium Pro Anti-glare Shield installation. Not supplied.
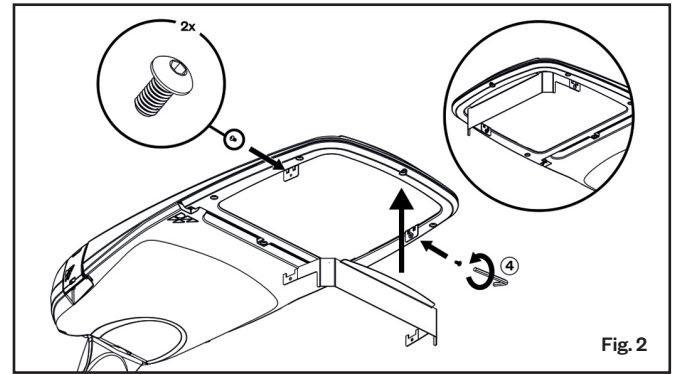

Fig. 2

Fig. 2 - Kirium Pro front anti-glare shield installation.

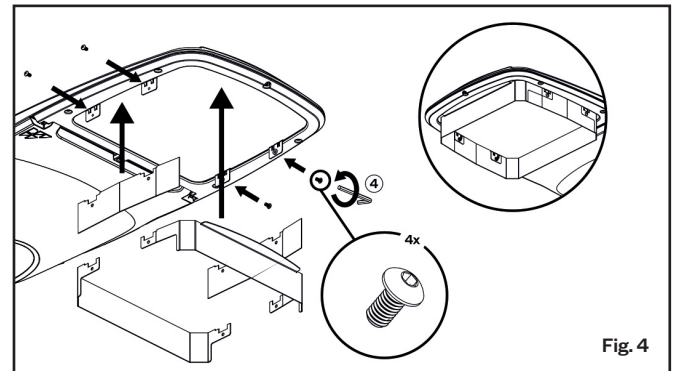**Fig. 3**

Fig. 3- Kirium Pro back anti-glare shield installation.

Fig. 4

Fig. 4 - Kirium Pro full anti-glare shield installation.