

Installation Instructions

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.

IP66 IK08   

230VAC 50Hz

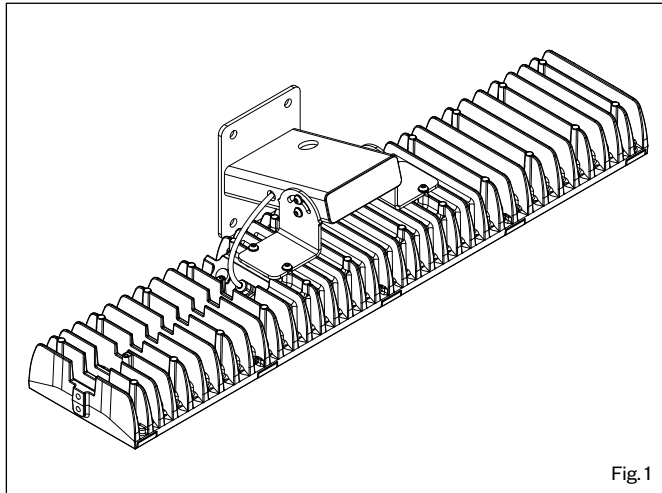


Fig. 1 - Wall Mount Variant(s) - See Page 2

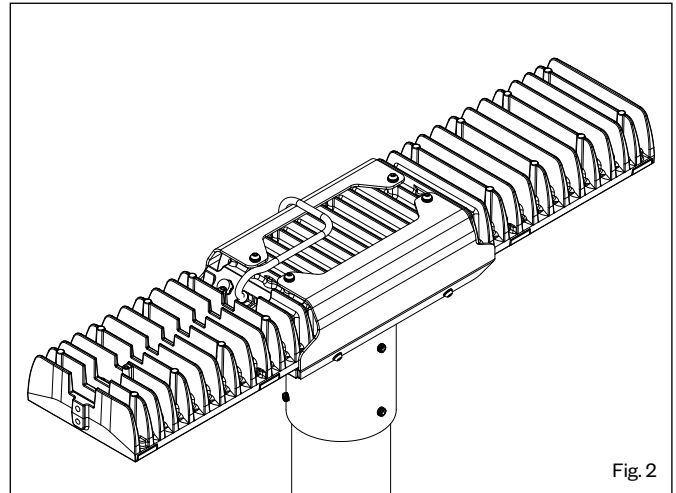


Fig. 2 - Single Post Top Variant - See Page 3

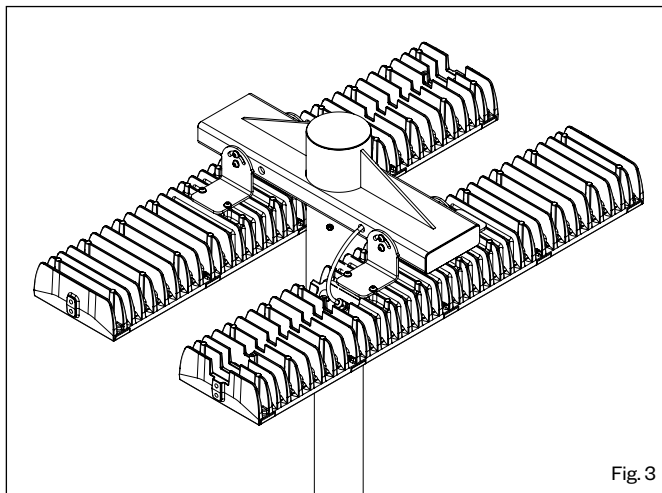


Fig. 3 - Post Top Variant(s) - See Page 4

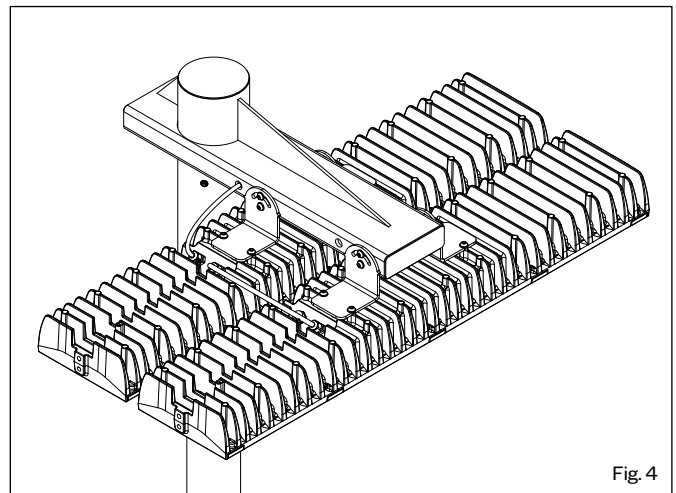


Fig. 4 - Direct Entry Variant(s) - See Page 5

NOTE!



- Luminaire to be positioned so that prolonged staring into the luminaire at distances closer than 2.5m is not expected.
- 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.

Katana® 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

DW Windsor

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| | Dimensions (mm) | | | Max. Weight (kg)* | Windage m ² |
|---------------|-----------------|-----|-----|-------------------|------------------------|
| | A | B | C | | |
| Single Module | 221 | 170 | 860 | 13.07 | 0.02 |
| Dual Module | 421 | 195 | 860 | 25.98 | 0.04 |

*Maximum weight of Module and Bracket Only

Recommended Torque

| | M6 Tilt Bracket Torque (Nm) |
|------------|-----------------------------|
| Wall Mount | 5 |

Tools Required Not Supplied

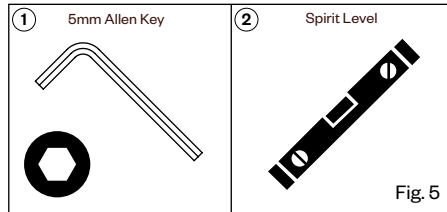


Fig. 5 - Tools Required For Bracket Installation
- Not Supplied

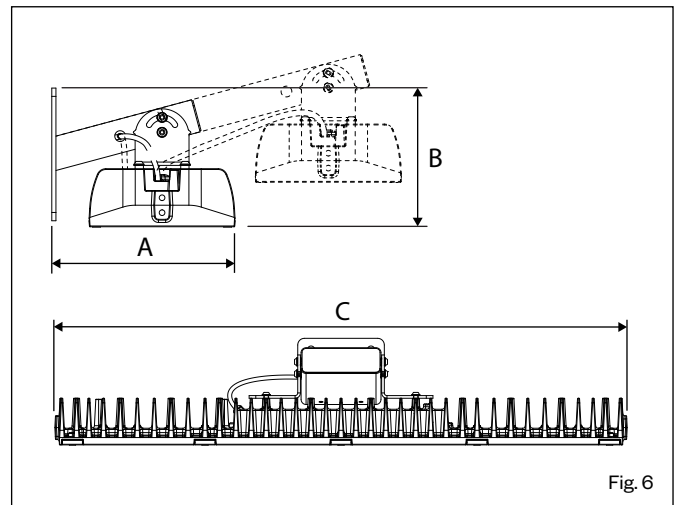


Fig. 6 - Wall Mount - Overall Dimensions - See Table

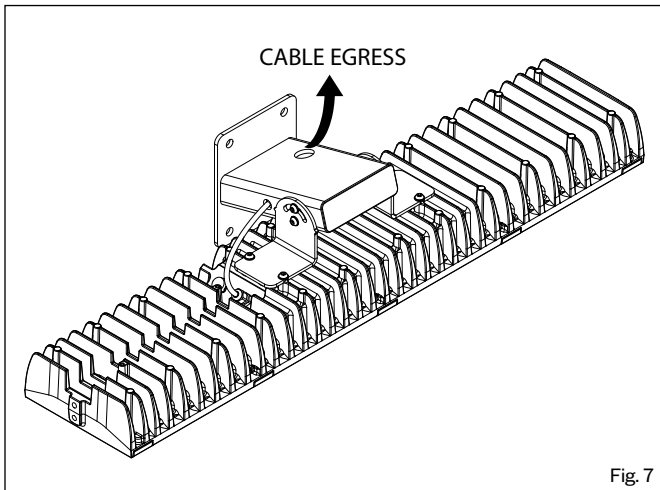


Fig. 7 - Single Wall Mount ISO View

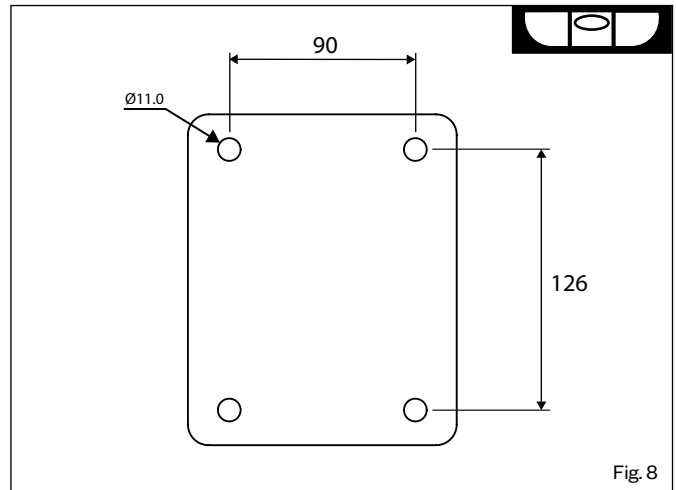


Fig. 8 - Wall Mount - Mounting Plate
Use Suitable Fixings For Attaching To Wall
Ensure Bracket Is Level When Installation

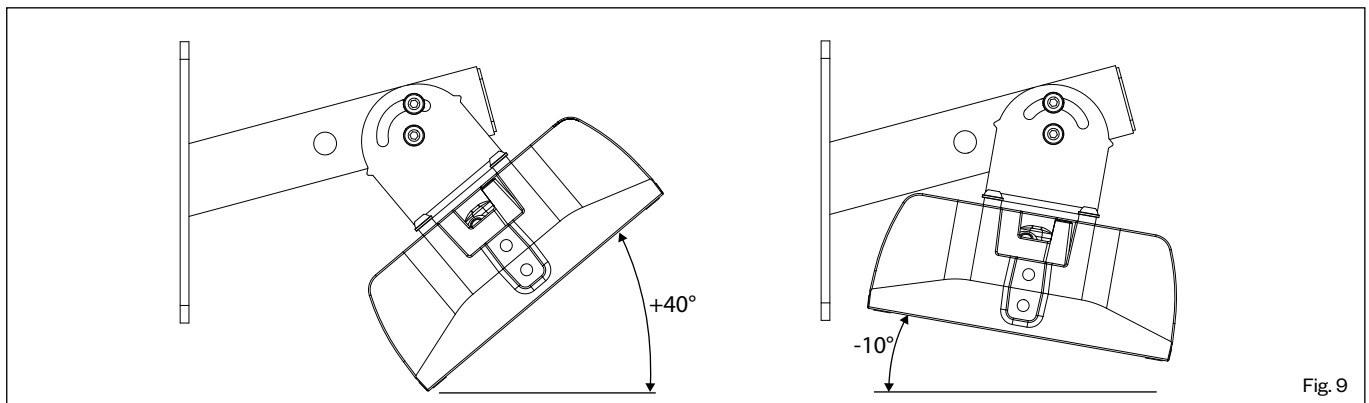


Fig. 9 - Wall Mount - Module(s) Can Be Tilted Between +40° & -10°

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| | Dimensions (mm) | | | Max. Weight (kg)* | Windage m ² |
|-----------------|-----------------|-----|-----|-------------------|------------------------|
| | A | B | C | | |
| Single Post Top | 185 | 254 | 860 | 13.00 | XXX |

*Maximum weight of Module and Bracket Only

Recommended Torque

| | Column Mounting Torque (Nm) |
|----------|-----------------------------|
| Post Top | 16 |

Tools Required - Not Supplied

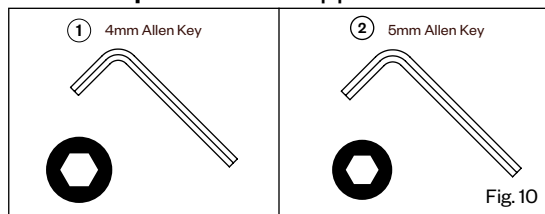


Fig. 10 - Tools Required For Installation - Not Supplied

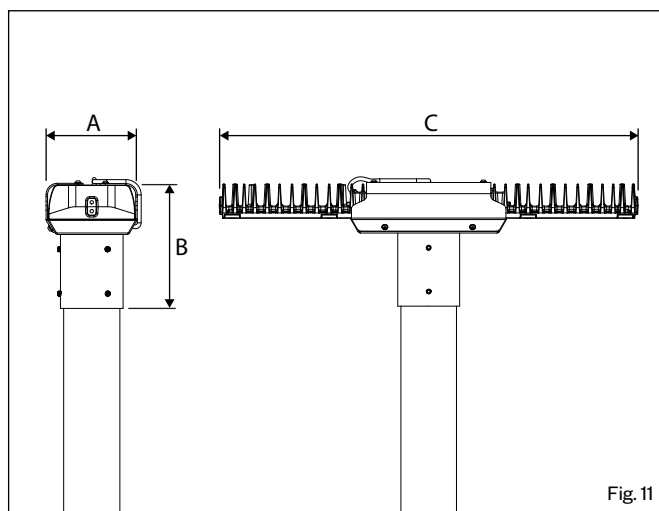


Fig. 11 - Single Post Top - Overall Dimensions

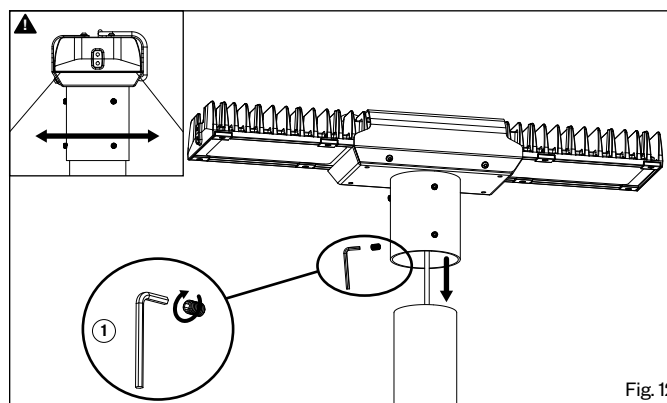


Fig. 12 - Insert Cable Into Column, Insert Bracket Onto Column Down To The Stop Then Tighten 6x M10 Grub Screws (16 Nm)

⚠ Ensure Lantern Is Angled Correctly For Light Distribution

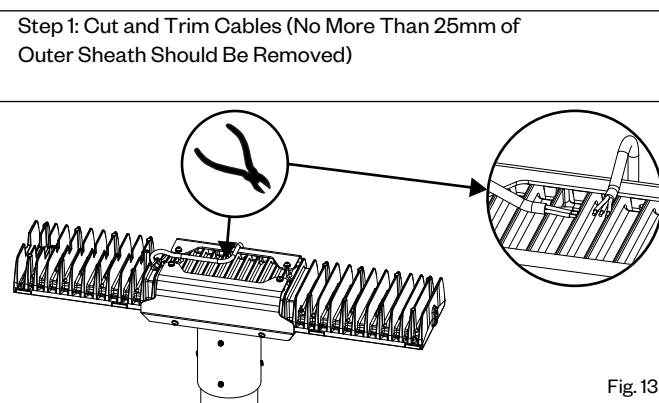
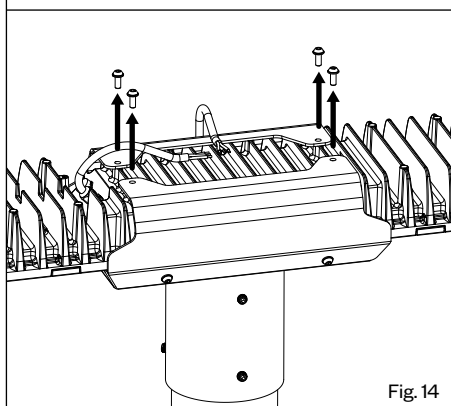
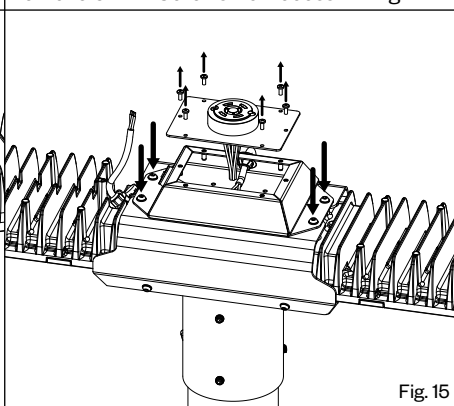


Fig. 13 - To Retro Fit Nema Gear Box - See Steps 1-4

Step 2: Remove 4x M6 Screws & Washers



Step 3: Install Nema Gear Box On Top Of Bracket Re-Using 4x M6 Screws & Washers Remove 6x M4 Screws To Access Wiring



Step 4: Push Cables Into Gear Box & Wire Into Terminal Blocks As Required - Re-Attach Gear Lid Using 6x M4 Screws

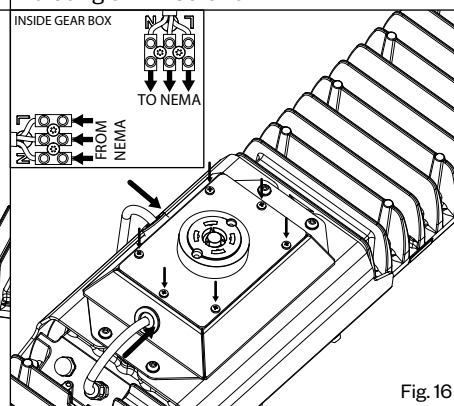


Fig. 14-15-16 - Nema Gear Box Installation Steps 2 - 4. Note: Retrofitting Nema Gear Box Can Only Be Done With 3 Pin Nema Socket, 5 And 7 Pin Variants Can Be Ordered And Installed Before The Unit Is Shipped

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| | Dimensions (mm) | | | Max. Weight (kg)* | Windage m ² |
|-------------|-----------------|-------|-----|-------------------|------------------------|
| | A | B | C | | |
| Two Module | 503 | 311.5 | 860 | 29.75 | 0.07 |
| Four Module | 923 | 311.5 | 860 | 56.00 | 0.12 |

*Maximum weight of Module(s) and Bracket Only

Recommended Torque

| | Column Mounting Torque (Nm) | M6 Tilt Bracket Torque (Nm) |
|----------|-----------------------------|-----------------------------|
| Post Top | 16 | 5 |

Tools Required Not Supplied

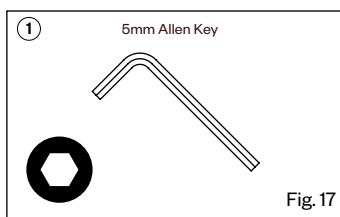


Fig. 17 - Tools Required For Katana Installation - Not Supplied

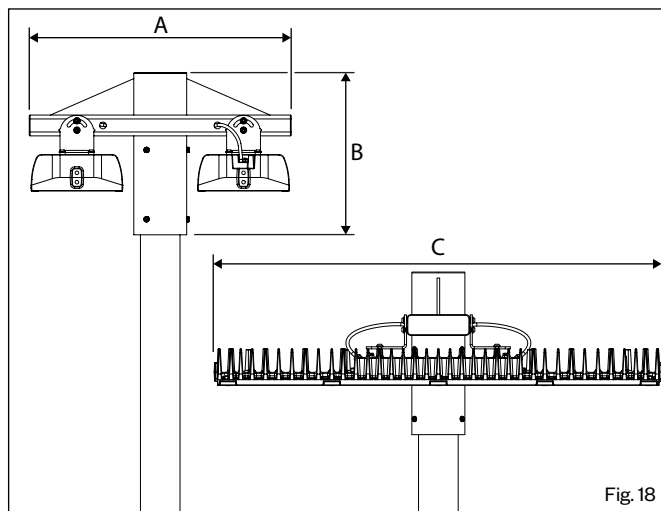


Fig. 18 - Dual Post Top Mount - Overall Dimensions - See Table

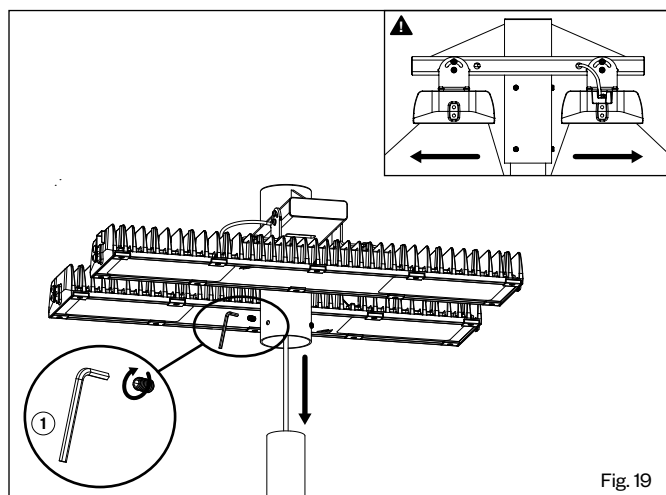


Fig. 19 - Insert Cable Into Column, Insert Bracket Onto Column Down To The Stop Then Tighten 6x M10 Grub Screws (16 Nm)

▲ Ensure Lantern Is Angled Correctly For Light Distribution

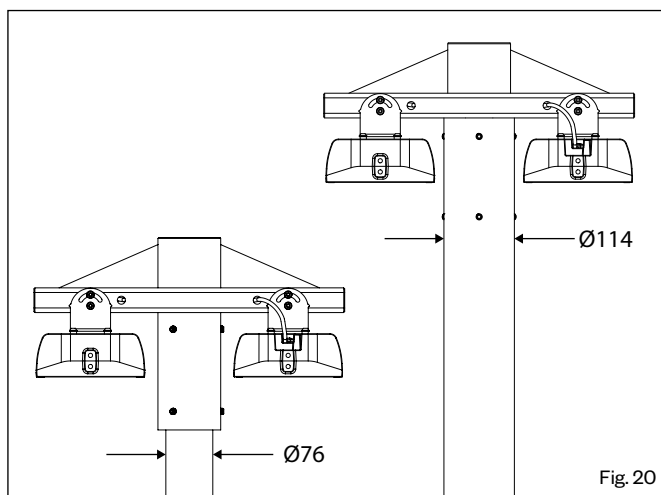


Fig. 20 - Dual Post Top Mount - Can be mounted Over Ø76 Column Or Inside Ø114 Column

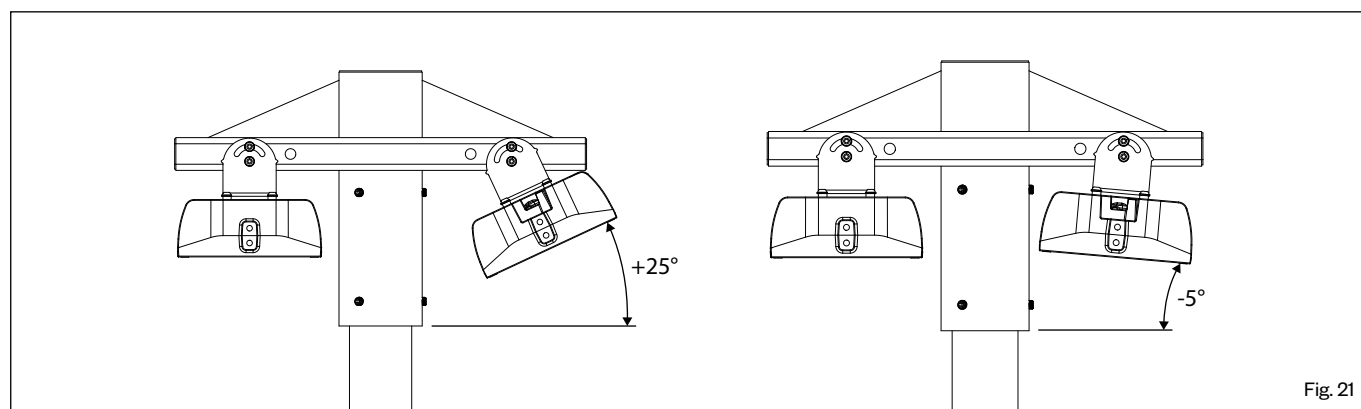


Fig. 21 - Post Top Mount - Module(s) Can Be Tilted Between +25° & -5°

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| | Dimensions (mm) | | | Max. Weight (kg)* | Windage m ² |
|--------------|-----------------|-------|-----|-------------------|------------------------|
| | A | B | C | | |
| Two Module | 570 | 311.5 | 860 | 30.00 | 0.07 |
| Three Module | 770 | 311.5 | 860 | 43.07 | 0.09 |
| Four Module | 970 | 311.5 | 860 | 55.32 | 0.11 |

*Maximum weight of Module(s) and Bracket Only

Recommended Torque

| | Column Mounting Torque (Nm) |
|----------|-----------------------------|
| Post Top | 16 |
| | M6 Tilt Bracket Torque (Nm) |
| Post Top | 5 |

Tools Required

Not Supplied

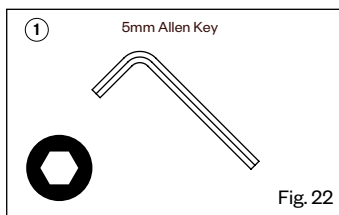


Fig. 22 - Tools Required For Katana Installation - Not Supplied

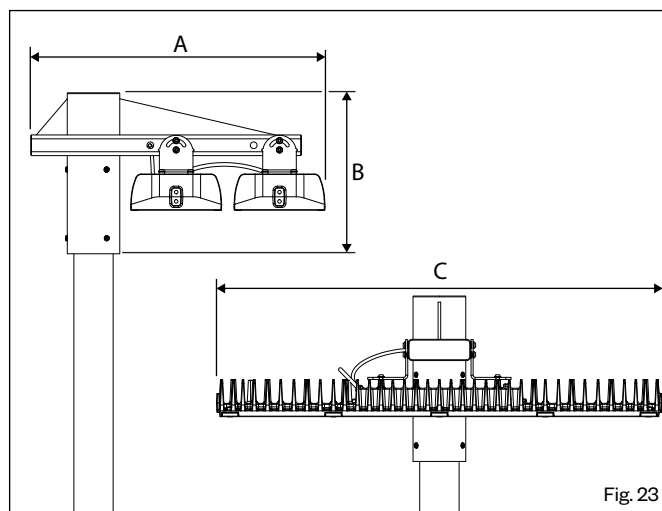


Fig. 23 - Direct Entry Mount - Overall Dimensions - See Table

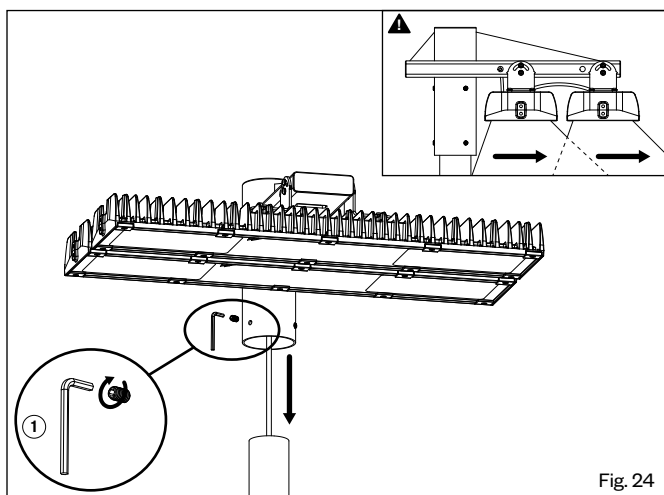


Fig. 24 - Insert Cable Into Column, Insert Bracket Onto Column Down To The Stop Then Tighten 6x M10 Grub Screws (16 Nm)

▲ Ensure Lantern Is Angled Correctly For Light Distribution

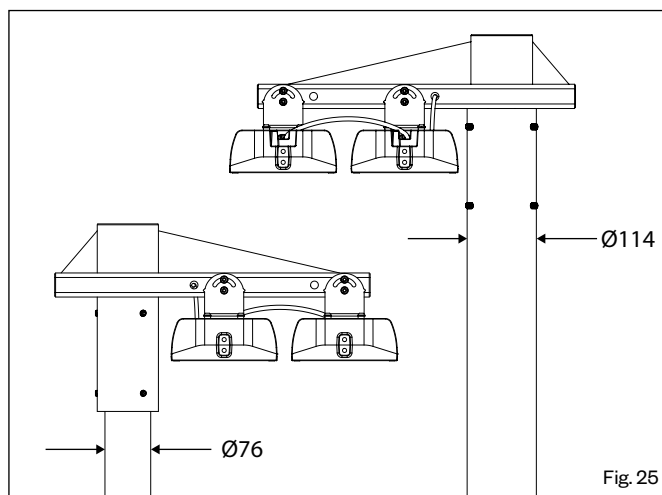


Fig. 25 - Direct Entry Mount - Can be mounted Over Ø76 Column Or Into Ø114 Column

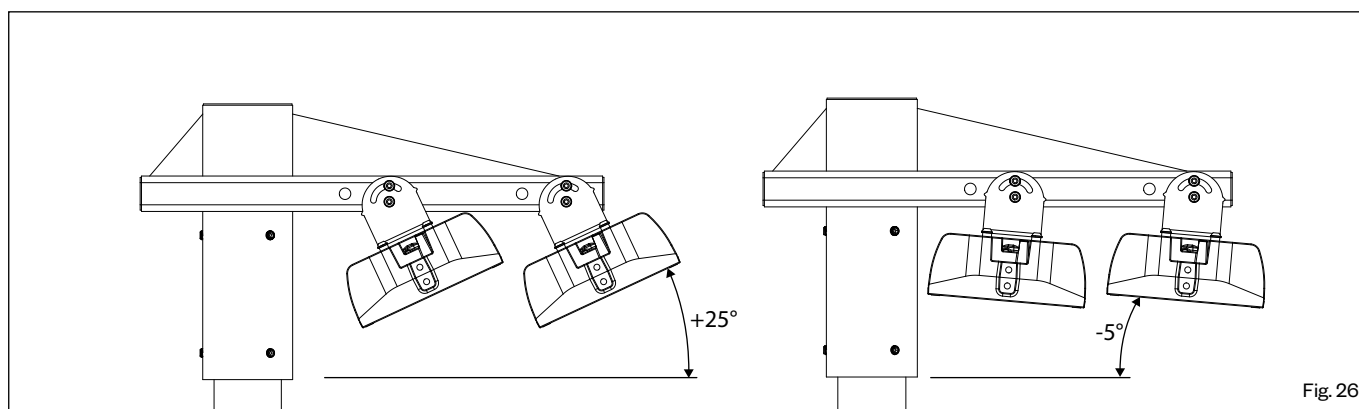


Fig. 26 - Direct Entry Mount - Module(s) Can Be Tilted Between + 25° & - 5°

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