Installation and Assembly Instructions
Velocity Area Light (VALS/VALM) Series

⚠ WARNING

Risk of fire, electric shock, injury or property damage

Risk of electric shock--Disconnect power to equipment before installing or servicing.
This equipment must be installed according to all applicable codes & ordinances.
Installation and service of this equipment must be performed by qualified service personnel.
Do not install damaged equipment.
Read these instructions before installing, servicing or maintaining this equipment.
Save these instructions for maintaining and servicing.

⚠ CAUTION

Failure to follow instructions or altering equipment could result in damage and void warranty.
Edges may cut--wear gloves while handling or servicing this equipment.
Inspect equipment for damage from shipping and handling.

LUMINAIRE INSPECTION

Remove the luminaire and arm from the cartons and inspect for damage. Do not install a damaged luminaire or arm.

Integral Bluetooth Motion and Photocell Sensor Option – IMSBTL The sensor configuration app is available for both iOS and Android devices. Scan the QR code for your phone type and follow instructions.

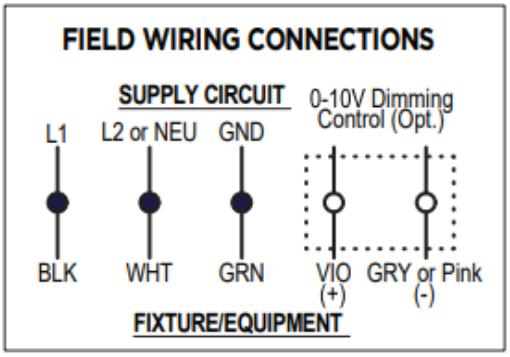
Apple Android

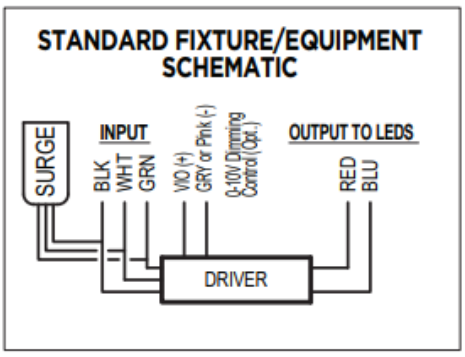
Integral Bluetooth Motion and Photocell Sensor Option – ALBMR

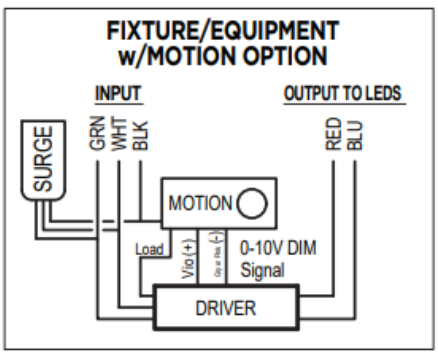
The sensor configuration app is available for iOS devices only. Scan this QR code and follow instructions:

Apple

For technical support contact us at controls.support@lsicorp.com or call 800.436.7800 ext. 3300





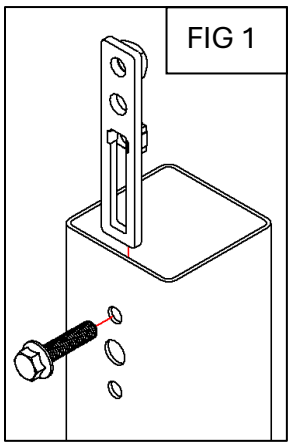


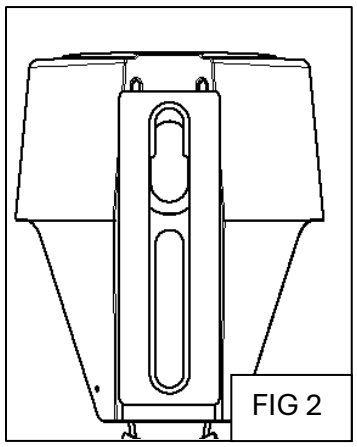
Installation and Assembly Instructions
Velocity Area Light (VALS/VALM) Series

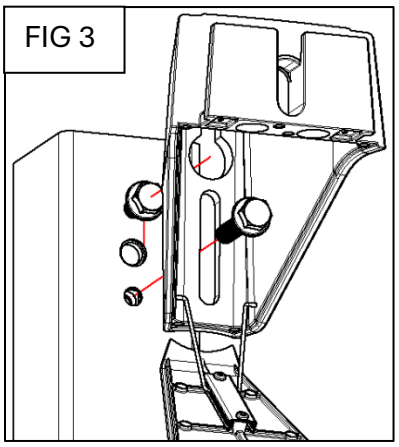
Tools Required: Universal Arm:
- Screwdriver: T20 Star
- Ratchet with sockets: 3/4", 9/16"

Universal Arm - Arm Preparation and Mounting to Pole –

1. Open Arm Compartment by loosening the door cover screws. Door cover screws are captive – **do not completely remove**. Mounting hardware is in Arm compartment.
2. Fasten Nut Plate to the pole with the top mounting hole. **Do not tighten the bolt completely (leave ½ in out).** *(FIG 1)*
3. Remove the PSA paper and place the gasket on the mounting surface of the Arm. *(FIG 2)*
4. Place the Arm on the bolt through keyhole and slide it down *(FIG 3)*
5. Align the captive nut to the second hole and install the second bolt. Tighten both the bolts to 25 FT-LB.


FIG 1


FIG 2


FIG 3

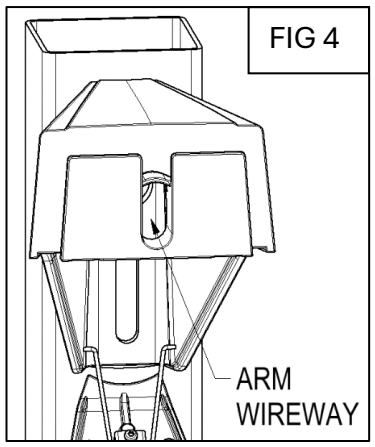


FIG 4

Universal Arm - Luminaire Preparation and Mounting to Arm -

6. While routing Luminaire supply wires thru the Arm wireway *(FIG 4 & FIG 5)*, position Luminaire on the cleat on the Velocity Arm. Make sure the wires are not pinched.
7. Install (2) 3/8-16 bolts provided to secure the Velocity Luminaire to the Arm *(FIG 5)*. Tighten to 20 FT-LB.
8. Make wiring connections.
9. Close the door and tighten the screws to 20 IN-LB *(FIG 6)*.

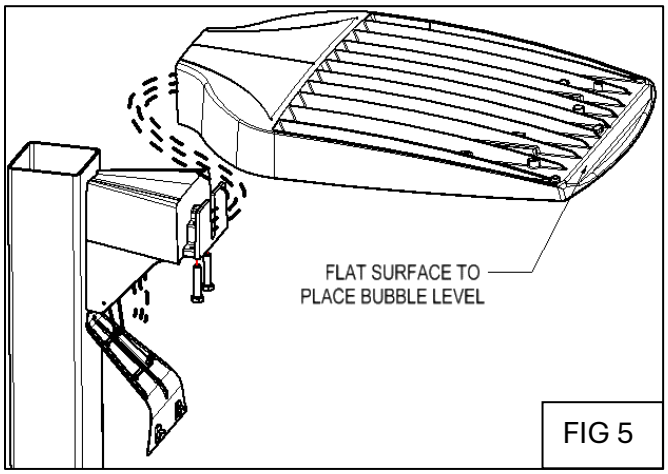
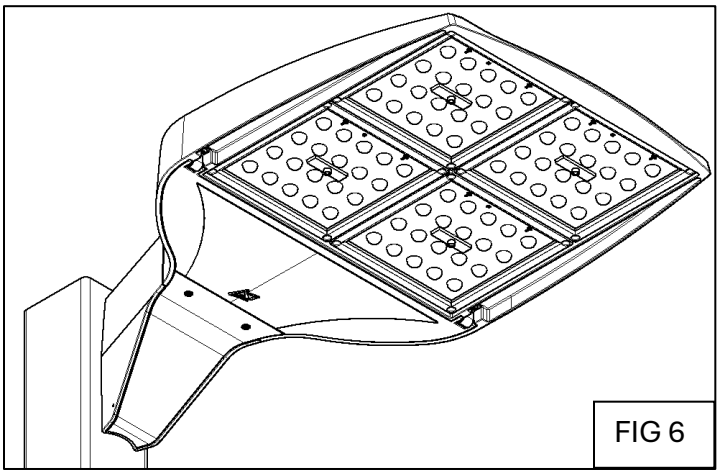


FIG 5


FIG 6

*Wiring depicted in dotted lines

Installation and Assembly Instructions
Velocity Area Light (VALS/VALM) Series

Tools Required: Universal Adjustable Arm:
- Screwdriver: T20 Star
- Ratchet with sockets: 3/4", 9/16"

Universal Adjustable Arm - Arm Preparation and Mounting to Pole –

1. Open Arm Compartment by loosening the door cover screws. Door cover screws are captive – **do not completely remove**. Mounting hardware is in Arm compartment.
2. Fasten Nut Plate to the pole with the top mounting hole. **Do not tighten the bolt completely (leave ½ in out).** *(FIG 1)*
3. Remove the PSA paper and place the gasket on the mounting surface of the Arm. *(FIG 2)*
4. Place the Arm on the bolt through keyhole and slide it down *(FIG 7)*
5. Align the captive nut to the second hole and install the second bolt. Tighten both the bolts to 25 FT-LB.
6. Remove the access cover and O-ring, set aside. Remove the beauty plate. *(FIG 8)*

FIG 7

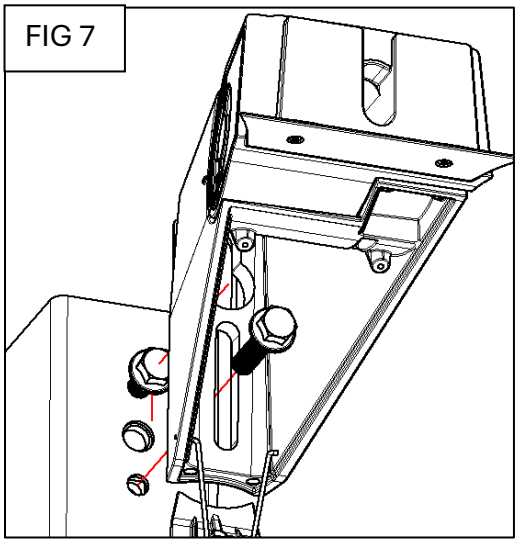
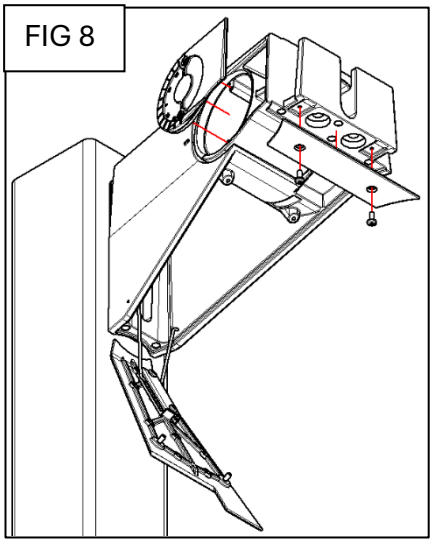


FIG 8



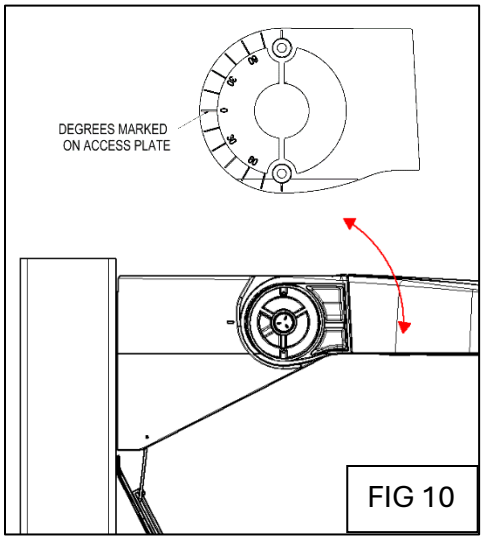


FIG 10

Universal Adjustable Arm - Luminaire Preparation and Mounting to Arm -

7. Route the wire from the fixture side through the wireway into the rotating Arm. *(FIG 9)*
8. While routing Luminaire supply wires thru the Arm wireway *(similar to Universal Arm depicted in FIG 3)*, position Luminaire on the cleat on the Velocity Arm. Make sure the wires are not pinched. *(FIG 9)*
9. Make Wiring connections
10. Install (2) 3/8-16 bolts provided to secure the Velocity Luminaire to the Arm *(FIG 9)*. Tighten to 20 FT-LB.
11. Loosen the 1/2-13 bolt and aim the arm at desired angle. Retighten bolt to 25 FT-LB *(FIG 10)*.
12. Close the access cover with O-ring, door and beauty plate and tighten the screws to 20 IN-LB *(FIG 11)*.

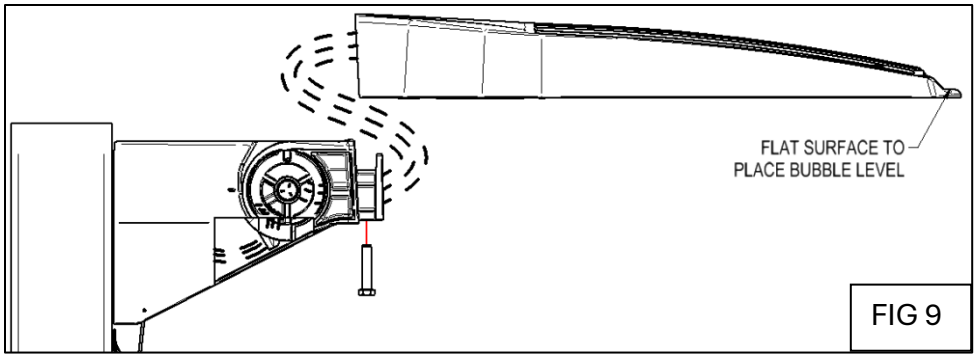


FIG 9

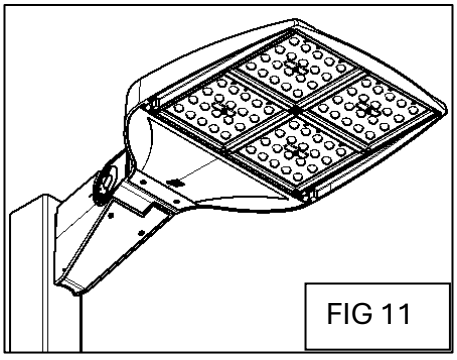


FIG 11

*Wiring depicted in dotted lines

Installation and Assembly Instructions
Velocity Area Light (VALS/VALM) Series

Tools Required: Tenon Arm:

- Screwdrivers: T20 Star
- Ratchet with sockets: 3/4", 9/16", 3/8"
- Allen key: 1/4"

Tenon Arm - Arm Preparation and Mounting to Pole

1. Remove supplied hardware kit from inside Tenon arm.
2. Remove the access cover and O-ring, set aside. Also remove the beauty plate. *(FIG 12)*.
3. Loosen the 1/2-13 bolt and aim the Velocity Tenon Arm to 90° angle. Will set arm to desired angle later. Retighten bolt to 25 FT-LB *(FIG 13)*.
4. Route the wires from the tenon to the fixed arm to the junction box in the rotating arm *(FIG 14)*.
5. Place Tenon Arm on tenon and aim in desired direction. Securely tighten the (4) set screws-(15 FT-LB), making certain the Velocity Tenon Arm is level *(FIG 15)*.
6. Install (1) self-drilling fastener through the clearance hole in the Velocity Tenon Arm and into the Tenon *(FIG 15)*.

FIG 12

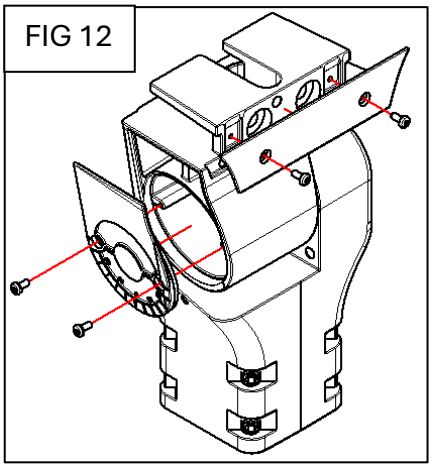
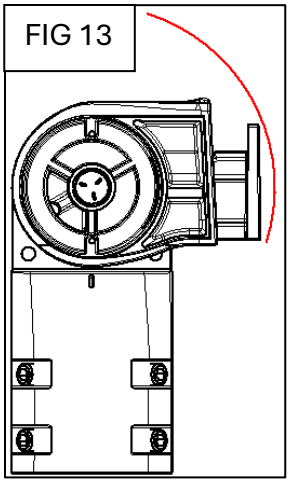


FIG 13



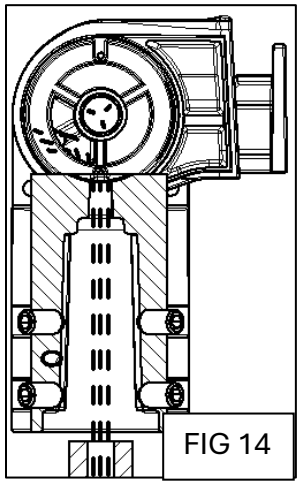


FIG 14

FIG 15

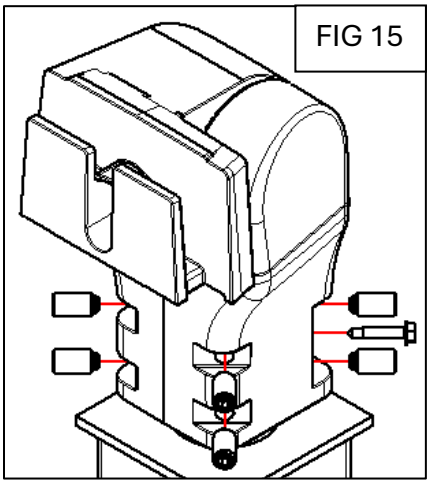
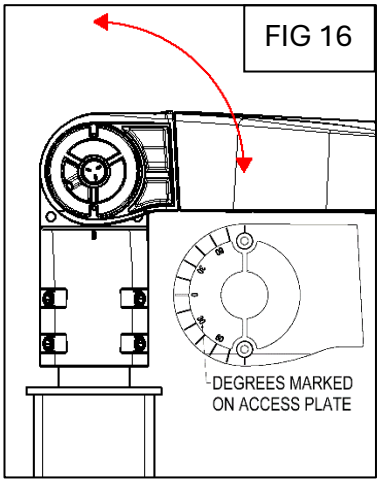


FIG 16



Tenon Arm - Luminaire Preparation and Mounting to Arm -

7. While routing Luminaire supply wires thru the Arm wireway *(similar to Universal Arm depicted in FIG 3)*, position Luminaire on the cleat on the Velocity Arm. Make sure the wires are not pinched. *(FIG 17)*
8. Make Wiring connections
9. Install (2) 3/8-16 bolts provided to secure the Velocity Luminaire to the Arm *(FIG 17)*. Tighten to 20 FT-LB.
10. Loosen the 1/2-13 bolt and aim the arm at desired angle. Retighten bolt to 25 FT-LB *(FIG 16)*.
11. Close the access cover with O-ring and beauty plate and tighten the screws to 20 IN-LB *(FIG 18)*.

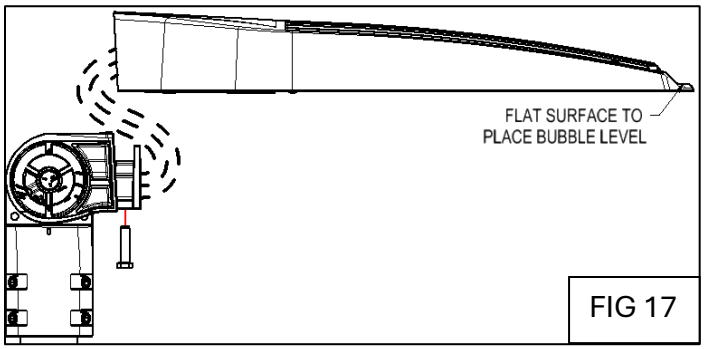


FIG 17

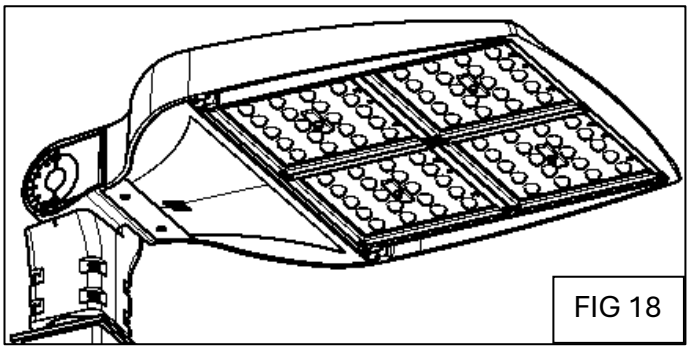


FIG 18

*Wiring depicted in dotted lines

Installation and Assembly Instructions
Velocity Area Light (VALS/VALM) Series

Tools Required: Mast Arm:
- Screwdrivers: T20 Star
- Ratchet with sockets: 3/4”, 9/16”, 3/8”

Mast Arm – Arm Preparation and Mounting to Pole

1. Open Arm Compartment by loosening the door cover screws. Door cover screws are captive – **do not completely remove.** Note: (2) screws on the end of the Mast Arm must also be loosened until the door can be removed *(FIG 19)*. Mounting hardware is in Arm compartment.
2. Place Velocity Mast Arm on one of the steps tenon and aim in desired direction *(FIG 20)*. Securely tighten the (4) bolts (20 FT-LB), making certain the Velocity Mast Arm is level. The Velocity Mast Arm has bullseye bubble level to help level the arm. Install (2) self-drilling fasteners through the clearance hole in the Velocity Mast Arm and into the Tenon *(FIG 21)*.

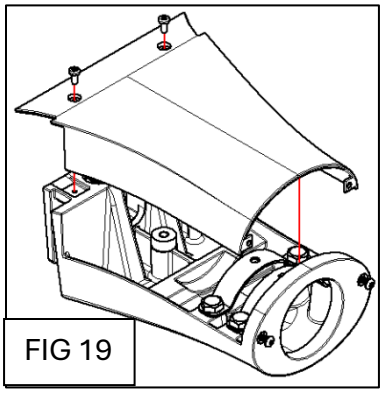
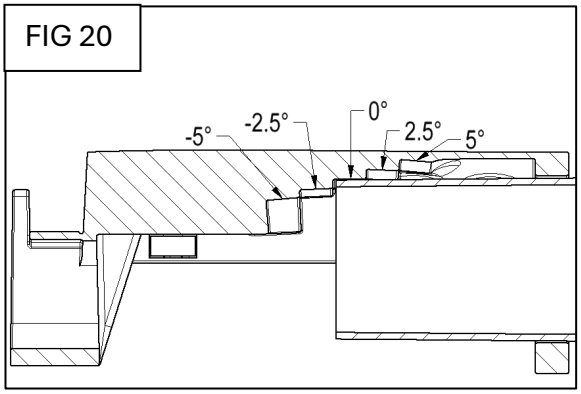


FIG 19

FIG 20



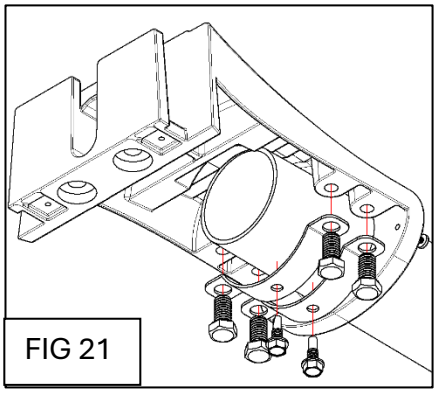
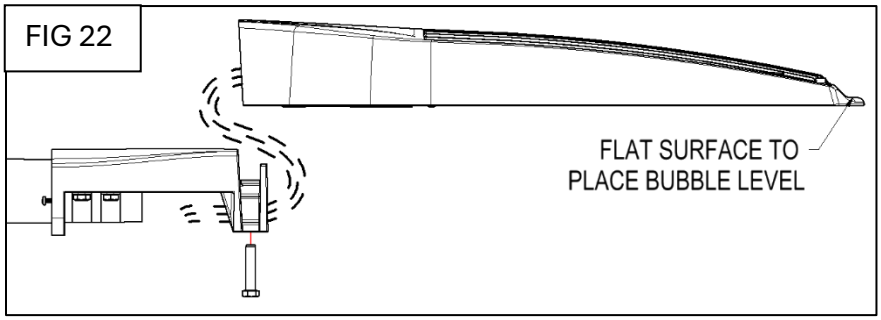


FIG 21

Mast Arm - Luminaire Preparation and Mounting to Arm -

3. While routing Luminaire supply wires thru the Arm wireway *(similar to Universal Arm depicted in FIG 3)*, position Luminaire on the cleat on the Velocity Arm. Make sure the wires are not pinched. *(FIG 22)*
4. Make Wiring connections
5. Install (2) 3/8-16 bolts provided to secure the Velocity Luminaire to the Arm *(FIG 22)*. Tighten to 20 FT-LB.
6. Close the access cover and beauty plate and tighten the screws to 20 IN-LB *(FIG 23)*.

FIG 22



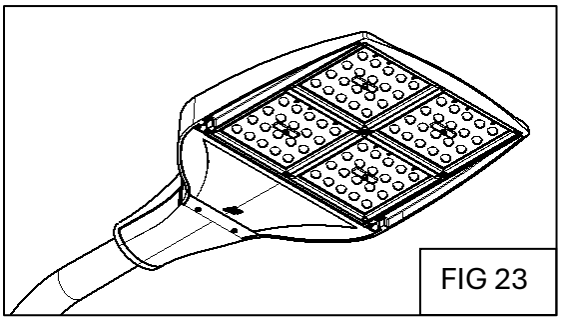


FIG 23

*Wiring depicted in dotted lines