STRIKE-LED

INSTALLATION INSTRUCTIONS

ELECTRICAL SHOCK HAZARD — **READ, UNDERSTAND, and FOLLOW these instructions before installing the equipment.**

WARNING

Disconnect the Electrical supply power at the service panel (fuse or circuit breaker box). Failure to do so could result in serious injury or death. Only qualified electricians should install this fixture and the installation MUST conform to the Electrical Code and all local codes and ordinances. Ensure that only proper tools, materials, and equipment are used to complete the installation.

SAFETY

- Proper grounding is required to ensure safety.
- Fixture should be mounted in locations where unauthorized personnel will not readily subject it to tampering.
- Do not use this equipment for anything other than its intended purpose.
- Servicing this equipment should be performed by qualified service personnel.
- Save these instructions.
- **MIN 75 °C SUPPLY CONDUCTOR**

TOOLS REQUIRED

- Allen key set, open-end wrench, Phillips screwdriver, drilling tool (optional)

INSTALLATION

Note: The fixture comes with mounting installed.

YOKE MOUNT:

1. Drill the required mounting holes into the mounting surface, refer to Fig. 1 for the yoke bracket mounting dimensions. Note that only two points of installation are needed to secure the fixture.
2. Place two bolts with a split washer then a flat washer onto the yoke bracket through the mounting surface, and then if desired rotate the fixture up to 30° in each direction. Secure the bolts with a flat washer, split washer and then a nut, refer to Fig. 2.
3. To make vertical angle adjustments, loosen the side bolt on each side of the yoke with a M10 Allen Key. Rotate the fixture up to 90° in each direction, and tighten the bolts at 30 Nm (22.2 ft.lbs) to secure (Fig. 3).
4. Make the appropriate connections as per the wiring diagram on Page 4.

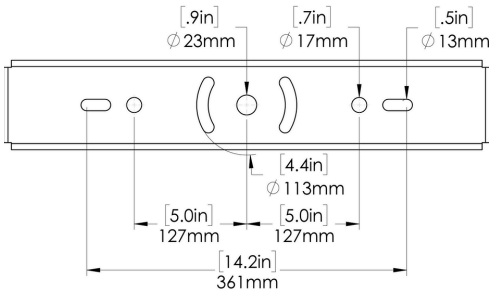
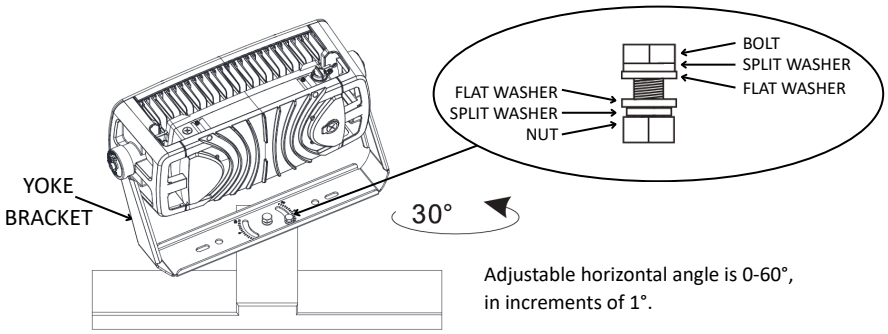
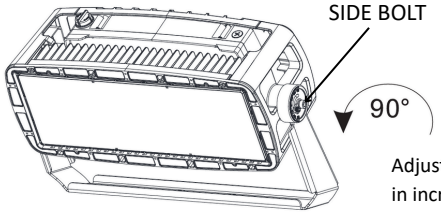


Fig. 1



Adjustable horizontal angle is 0-60°, in increments of 1°.

Fig. 2



Adjustable vertical angle is 0-180°, in increments of 5°.

Fig. 3

INSTALLATION INSTRUCTIONS

SLIP FITTER:

1. Loosen the four mounting bolts on the slip fitter.
2. Make the appropriate connections as per the wiring diagram on Page 4 (Fig. 4).
3. Place the slip fitter and fixture onto the pole, and tighten the four mounting bolts at 4.2 Nm (3.1 ft.lbs) to secure (Fig. 5).
4. To make vertical angle adjustments, remove the angle cover by removing two screws, refer to Fig. 6.
   a. Loosen the internal bolt of the slip fitter with a M10 Allen Key.
   b. Rotate the slip fitter up to 90° in each direction (Fig. 7).
   c. Tighten the internal bolt to 4 Nm (3 ft.lbs) when the desired angle has been reached.
   d. Reinstall the angle cover with the two screws.

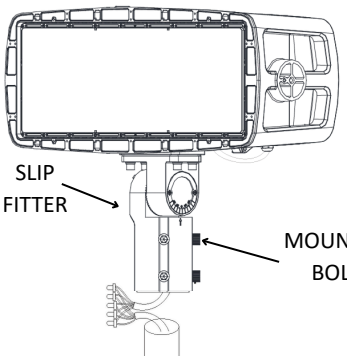


Fig. 4

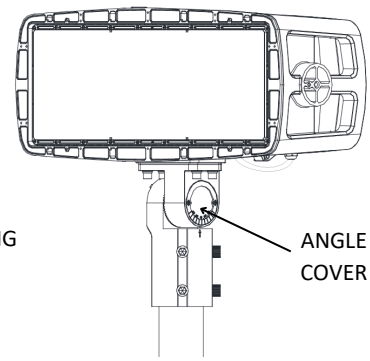


Fig. 5

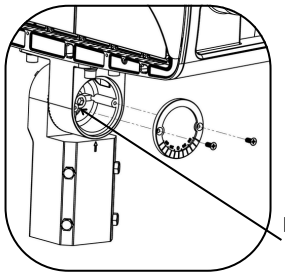


Fig. 6

Adjustable vertical angle is 0-180°, in increments of 15°.

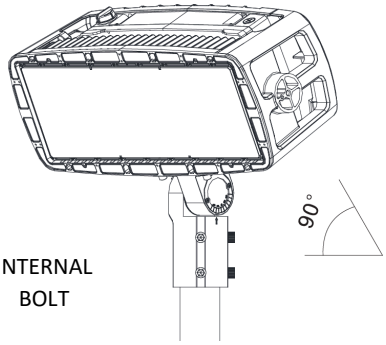


Fig. 7

KNUCKLE MOUNT:

1. Drill the required mounting holes into the mounting surface, refer to Fig. 8 for the knuckle mount base dimensions.
2. Place two bolts with a split washer then a flat washer onto the yoke bracket through the mounting surface (Fig. 9), and then if desired rotate the fixture up to 50° in each direction (Fig. 10). Secure the bolts with a flat washer, split washer and then a nut. Refer to Fig. 2 for the bolt kit order.
3. To make vertical angle adjustments loosen the side bolt with a M10 Allen key. Rotate the fixture up to 90° in each direction, and tighten bolt at 50 Nm (36.9 ft.lbs) to secure (Fig. 11).
4. Make the appropriate connections as per the wiring diagram on Page 4.

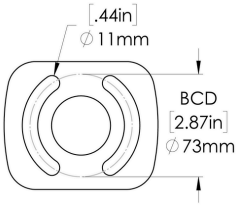


Fig. 8

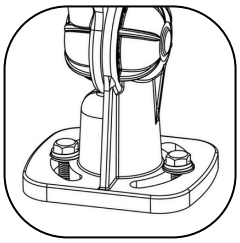
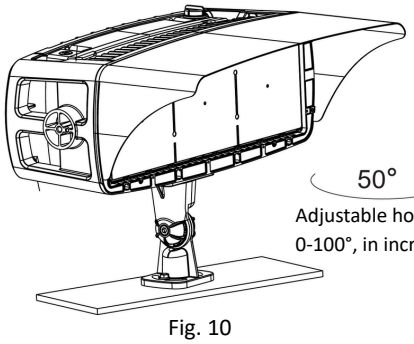


Fig. 9



Adjustable horizontal angle is 0-100°, in increments of 1°.
Fig. 10

Adjustable vertical angle is 0-180°, in increments of 5°.

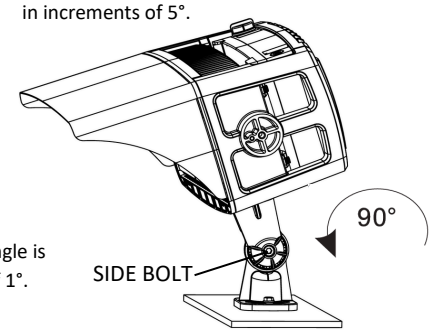


Fig. 11

WATTAGE ADJUSTMENT

Remove the plug on the back of the fixture to access the switch (Fig. 12). Select the desired wattage on the switch.

Options: STRIKE-LED600A400: 600W/ 500W/ 400W
STRIKE-LED800A600: 800W/ 700W/ 600W

Reinstall plug and tighten to ensure housing is sealed.

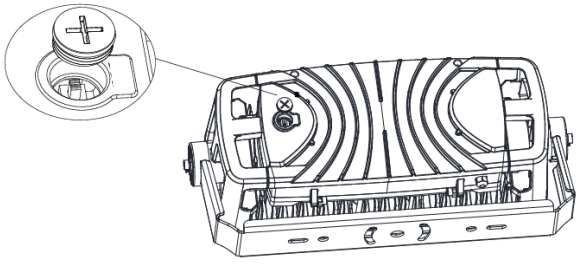


Fig. 12

INSTALLATION INSTRUCTIONS

ACCESSORIES

VISOR:

Attach visor to the front of the fixture using the provided hardware and tighten at 1.0Nm (0.8 ft.lbs), refer to Fig. 13.

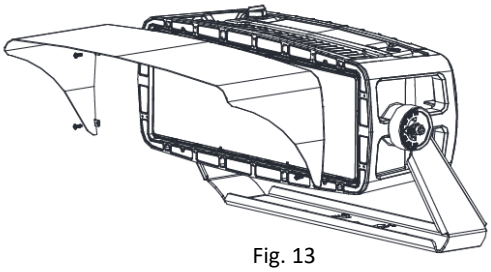


Fig. 13

LASER POINTER:

Attach the bracket to the laser pointer using the provided M3 screws (Fig. 14), then mount the laser point assembly onto the fixture with the provided M4 screw (Fig. 15).

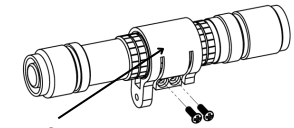


Fig. 14

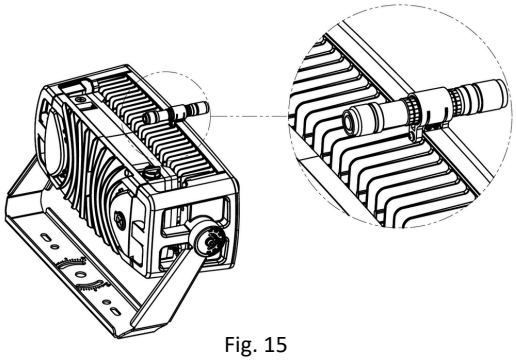


Fig. 15

REMOTE DRIVER MOUNTING

1. Remove the waterproof connector from the driver box.
2. Remove four M6 mounting hardware to free the driver box, refer to Fig. 16.
3. Remove the driver box from the main housing (Fig. 17).
4. Install the driver box in desired location using the mounting hardware, refer to Fig. 18 for the driver box dimensions.
5. Connect the fixture to the driver box with an extension cable (Fig. 19).

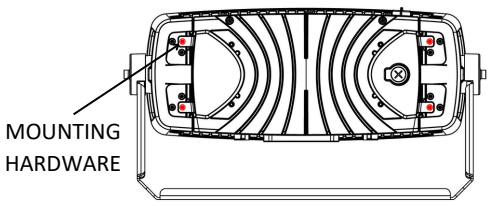


Fig. 16

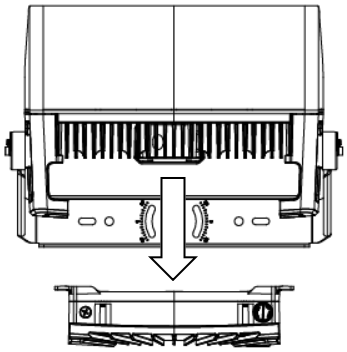


Fig. 17

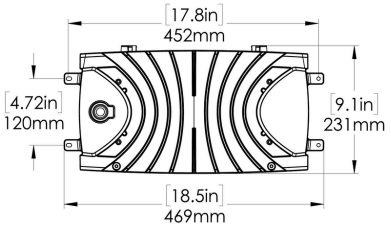


Fig. 18

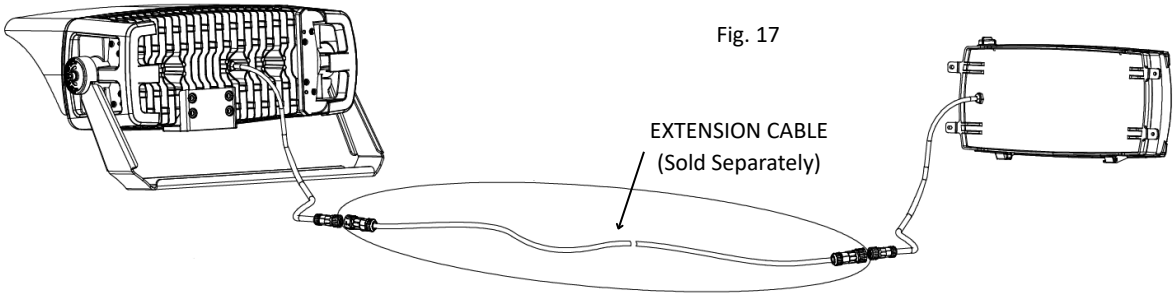


Fig. 19

BLUETOOTH CONTROLLED

Program the Bluetooth sensor using the ControlLED App. See the App Manual for additional information, please use the QR code (Fig. 20) for details.

SPECIFICATIONS & COMMISSIONING

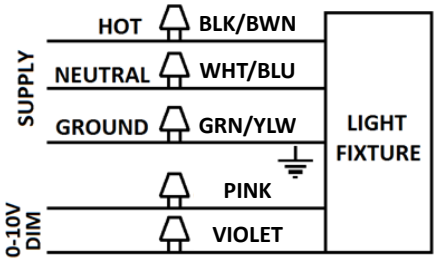
Fig. 20

INSTALLATION INSTRUCTIONS

WIRING

STRIKE1-LED600A400/LED800A600

- Check that the line voltage is correct.
- Connect fixture **GROUND** (green) wire to power supply **GROUND** (green) wire.
- Connect fixture **WHITE** wire to power supply **NEUTRAL** wire.
- Connect fixture **BLACK** wire to power supply **LINE** wire
- The fixture includes 0-10V dimming functionality, connect PINK and VIOLET wires to a 0-10V dimming controller (optional).



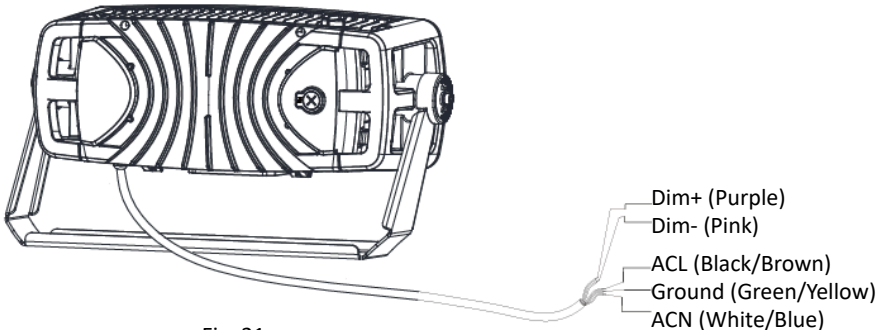


Fig. 21

STRIKE1-LED600/LED800-RGB

- Check that the line voltage is correct.
- Connect fixture **GROUND** (green) wire to power supply **GROUND** (green) wire.
- Connect fixture **WHITE** wire to power supply **NEUTRAL** wire.
- Connect fixture **BLACK** wire to power supply **LINE** wire
- The fixture includes 3 pin XLR cable for DMX dimming functionality. Connect PINK, VIOLET and YELLOW wires to a DMX512 dimming controller.
- The fixture includes a 3 pin XLR cable to connect the controls of multiple fixtures in a series. Refer to Fig. 23 for an example of connecting fixtures in series. **Note:** each fixture must be connected to it's own power supply.

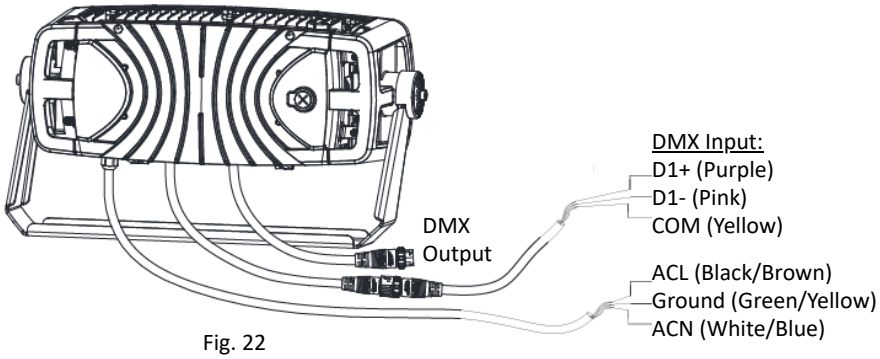


Fig. 22

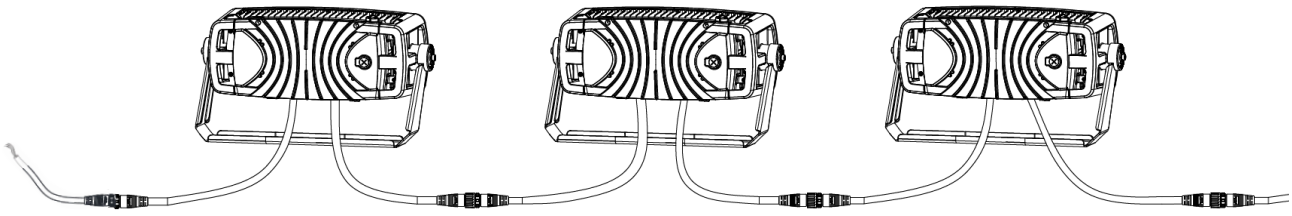


Fig. 23