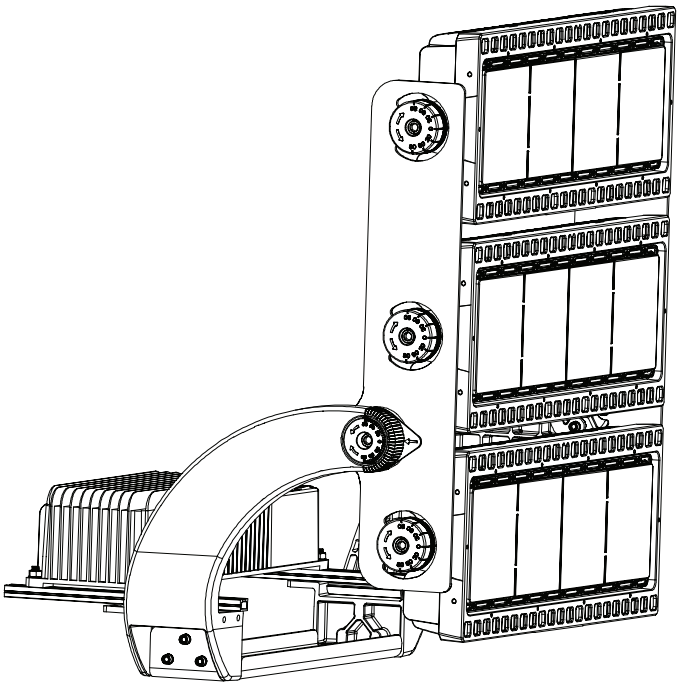
INSTALLATION INSTRUCTIONS

Large Area (LA1)



READ CAREFULLY BEFORE INSTALLATION.

PLEASE KEEP THIS MANUAL FOR FUTURE USE.

This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.

For any questions regarding wiring, installation or use of this product, email techsupport@linmoreled.com or call 559-485-6010. Instructions and installation videos are available online at www.linmoreled.com

IMPORTANT SAFEGUARDS

Read and follow all safety instructions

- **CAUTION** - Ensure that the voltage used is the voltage within the product identification range. Any other connection voids the warranty.
- **WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Wear gloves when handling the fixture as edges are sharp.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during installation.
- Use wires that comply with UL (or other local standards). For AC 220-480 V power connections, use a minimum wire size of 16 AWG.
- This luminaire is suitable for Damp locations. Prior to installation, review all environmental designation locations in the spec sheet.
- Do not install the product when it rains.
- Please use with listed waterproof strain relief bushing when connecting the power supply cord to outlet box.
- Do not use an electric generator to test the fixture.
- For dimming or lighting controls, use provided wiring diagram only.

WARNING

Risk of Fire or Electric Shock

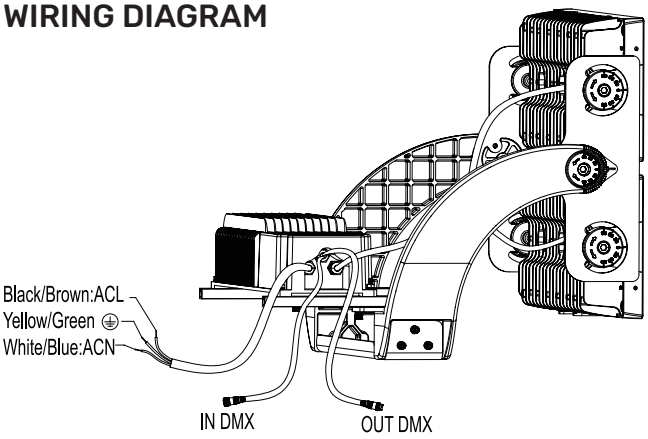
- Before installation or servicing, turn the power OFF at the circuit breaker or fuse. Place tape over the circuit breaker switch and verify power is OFF at the light fixture.
- Ground the fixture to avoid potential electric shock.
- Do not handle energized module with wet hands or when standing on wet or damp surfaces, or in water.
- Luminaire wiring and electrical parts may be damaged when drilling for installation of fixture. Check for enclosed wiring and components.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- This product installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

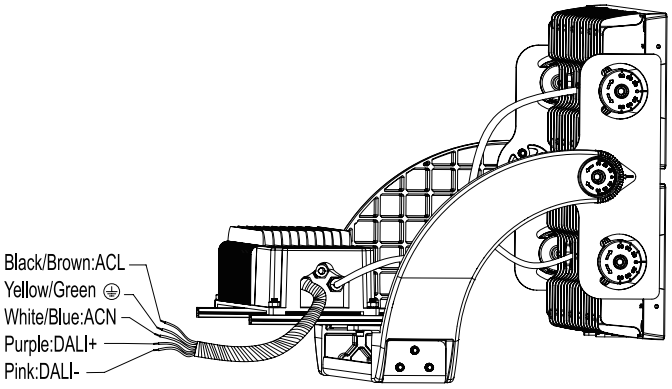
TECHNICAL SPECS

Model - Lumens - Size	Watts	Input Voltage	PF	CCT	CRI	Dimmable	Warranty
LA10S-A2-46K-1MS-	300W	AC 120-277V* AC 200-480V	≥0.9	3000K 4000K 4500K 5000K 5700K RGB**	≥70	0-10V DALI DMX	5 Years
LA10S-A2-93K-2MS-	600W						
LA10S-A2-139K-3MS-	900W						
LA10S-A2-186K-4MS-	1,200W						
LA10S-A2-150K-2M-	1,000W						
LA10S-A2-168K-2M-	1,200W						
LA10S-A2-225K-3M-	1,500W						
LA10S-A2-252K-3M-	1,800W						

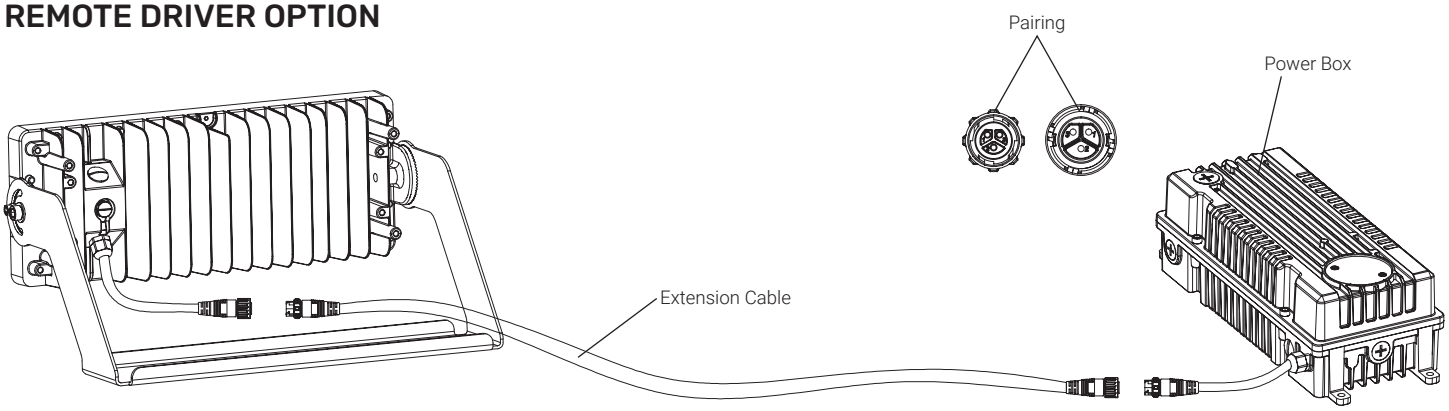
Ambient range operation: -40°C up to 45°C (-40°F up to 113°F). * 1MS, 2MS and 3MS only. ** M models only.

WIRING DIAGRAM



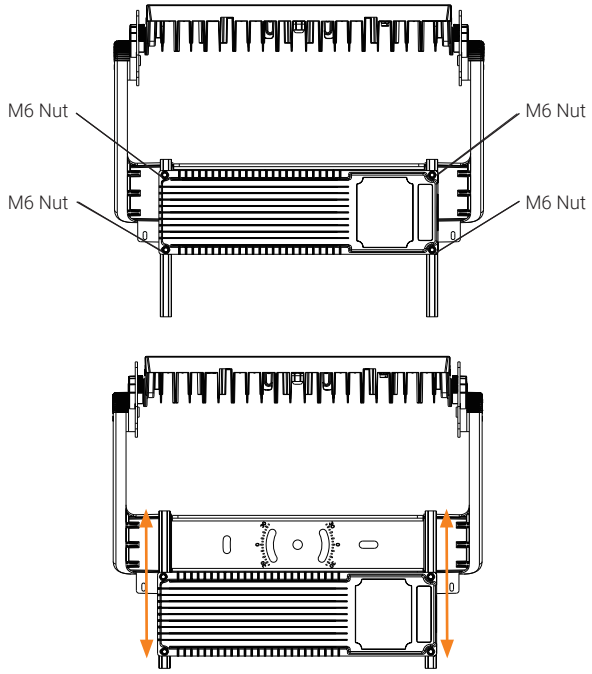


REMOTE DRIVER OPTION



INSTALLATION GUIDE

POWER INSTALLATION

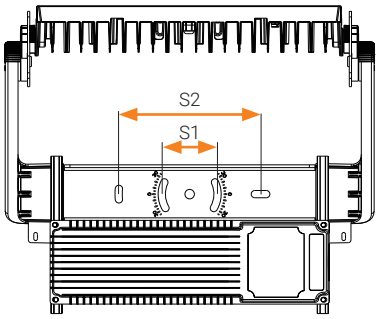


INSTRUCTIONS

- Loosen the four M6 nuts that fix the power supply.
- Slide the power supply along the guide rail and move it to a suitable position.
- Tighten the four M6 nuts to fix the power supply.

FLOOD MOUNTING METHOD (POLE MOUNTING)

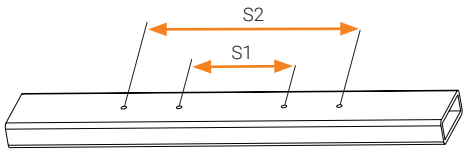
1



S1	3.93in (100mm)
S2	10.16in (258.3mm)

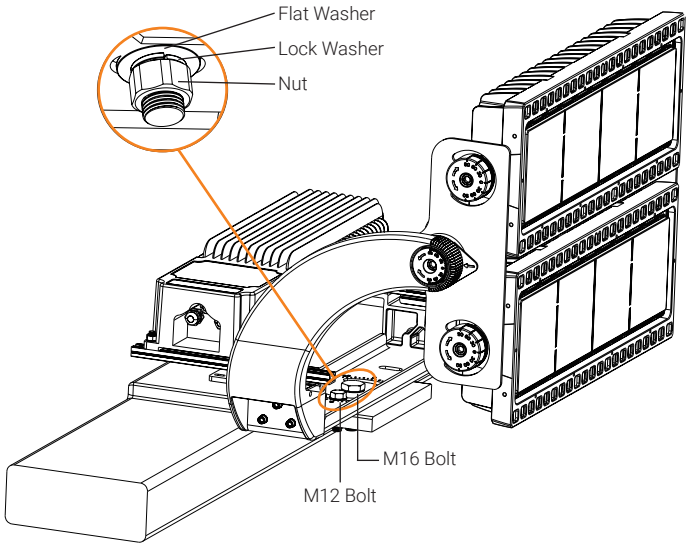
STEP 1

- Measure and mark the mounting hole spacing (S1 or S2) indicated on the product being installed.
- Drill two mounting holes in the mounting bar using the selected spacing (S1 or S2).



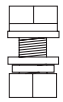
INSTALLATION GUIDE

2



STEP 2

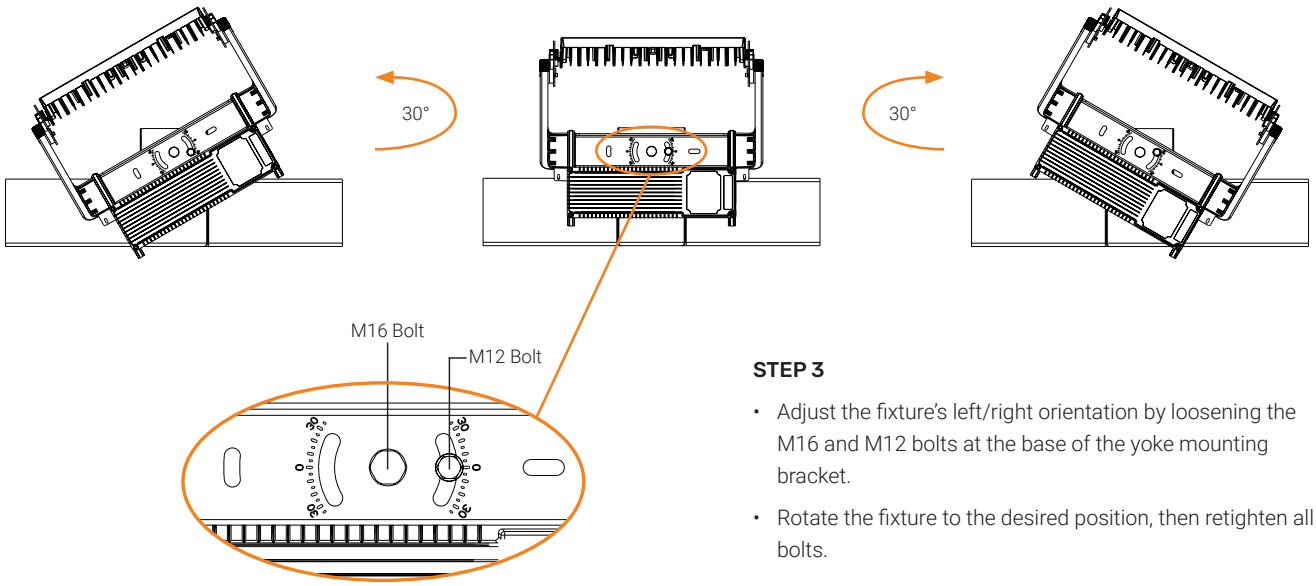
- Install the fixture onto the crossarm/diving board and secure it using one M16 bolt and nut with flat washers and a lock washer, along with one M12 aiming lock bolt and nut with flat washers and a lock washer.
- Tighten all hardware securely to ensure proper fixture mounting and aiming stability.



M16 Bolt Kit

M12 Bolt Kit

3

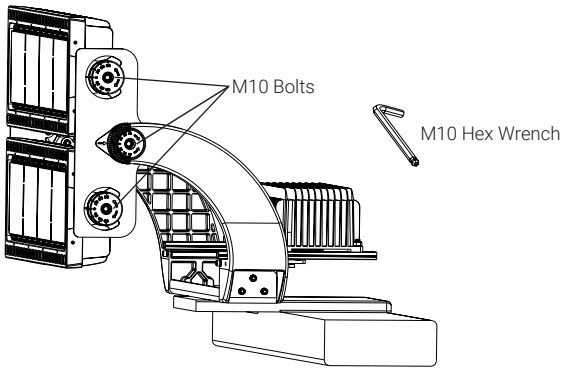


STEP 3

- Adjust the fixture's left/right orientation by loosening the M16 and M12 bolts at the base of the yoke mounting bracket.
- Rotate the fixture to the desired position, then retighten all bolts.

INSTALLATION GUIDE

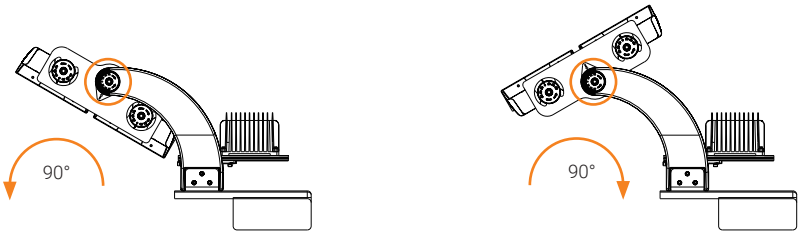
4



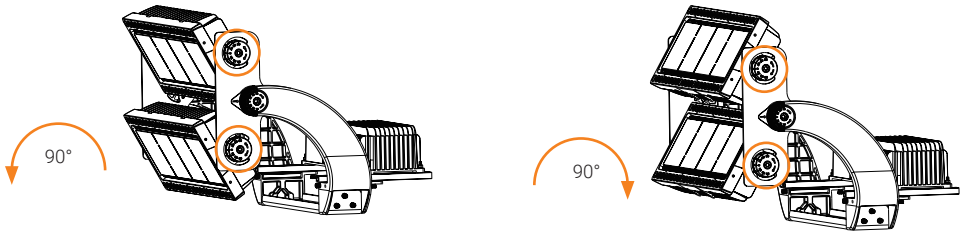
STEP 4

- Use an M10 hex wrench to loosen the appropriate angle adjustment bolt(s):
  - Loosen the center adjustment bolt to adjust the entire fixture.
  - Loosen the individual adjustment bolt adjacent to a module to adjust that module independently.
- Adjust the fixture or module(s) to the desired aiming angle within the allowable adjustment range.
- Once the desired angle is achieved, securely tighten all loosened adjustment bolt(s) to lock the fixture or module(s) in position.

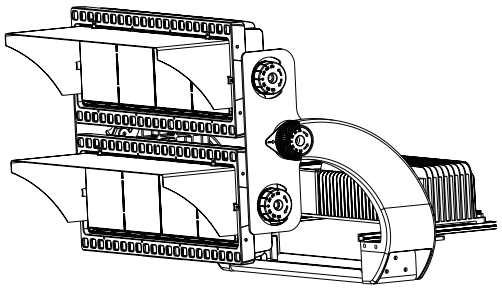
ADJUSTING THE ENTIRE FIXTURE



ADJUSTING MODULES INDIVIDUALLY



INSTALLING GLARE SHIELDS



- Attach a glare shield to each module and tighten the screws securely using a screwdriver.

FCC NOTICE

CAUTION

- FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.
- The device is tested and found to comply with Part 15 of the FCC Rules. Operation is subject to two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including any interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules.
- These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.
- The equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
- However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
    1. Reorient or relocate the receiving antenna.
    2. Increase the separation between the equipment and receiver.
    3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
    4. Consult the dealer or an experienced radio/TV technician for help.

Conforms to standard CAN-ICES 005(A)/NMB-005 (A)