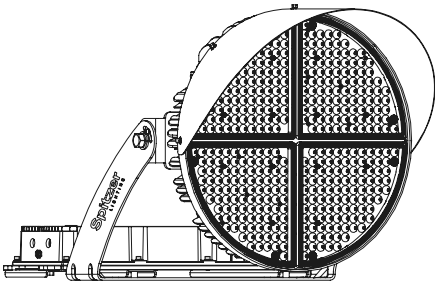


KEY TECHNICAL DATA	
STORAGE TEMP	40°F TO 167°F
OPERATING TEMP	-40°F TO 131°F
HUMIDITY	5% TO 95% NON-CONDENSING

SAFETY INFORMATION

**BE SURE THE POWER IS OFF! RISK OF ELECTRICAL SHOCK:** Always use the switch to power off. The electrical system you want to connect the device to must be grounded. Read the instructions before using or powering this device. The safety instructions must remain with the unit in case of transfer. Any damage to the device linked to an inappropriate use is excluded from support by the warranty. Before connecting, make sure that the current and voltage are compatible with this device. We highly recommend that all installations are made by QUALIFIED ELECTRICIAN. We are NOT responsible in any means for the use or misuse of the following information. We are NOT responsible in whole or part for any harm or damage that may or may not be caused. We reserve the right to revise the components of any product, due to part availability or change ETL, CUL, UL standards without assuming any obligation or liability to modify any products previously manufactured and without notice. These instructions do not cover all details of variations in equipment, nor do they provide every possible contingency to be met. Turn off / unplug power when installing or service device.

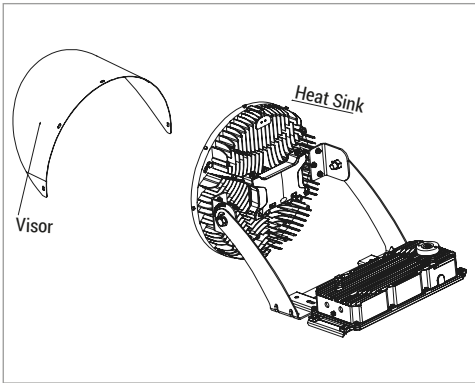


PRE. INSTALLATION

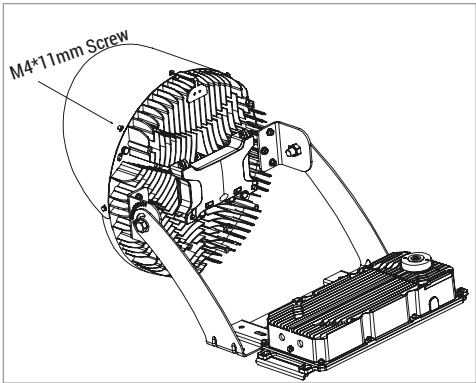
- Carefully remove the fixture from the carton.
- Before beginning assembly, installation, or operation of product, make sure all parts are present. Compare parts with package contents list and diagram on previous page. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.
- Tools required for assembly (Not Included): screwdriver, phillips screwdriver, pliers, electrical tape, wire cutters, safety glasses, ladder, wire stripper.

INSTALLATION

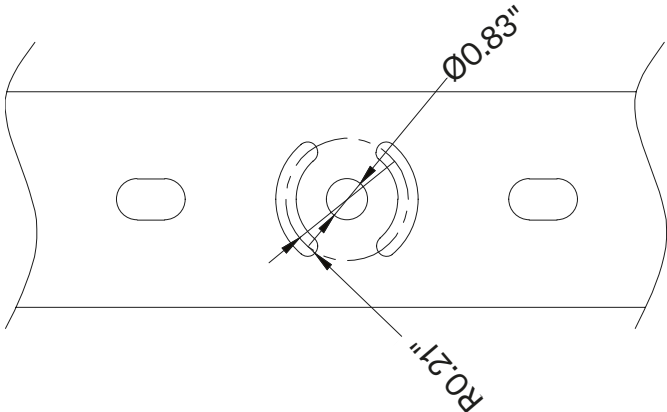
→ Before beginning installation, turn off the circuit breaker



→STEP1  
Attach the visor onto the fixture body

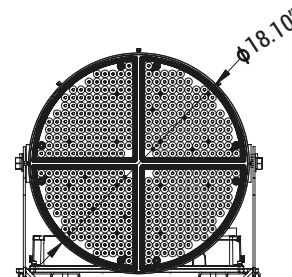
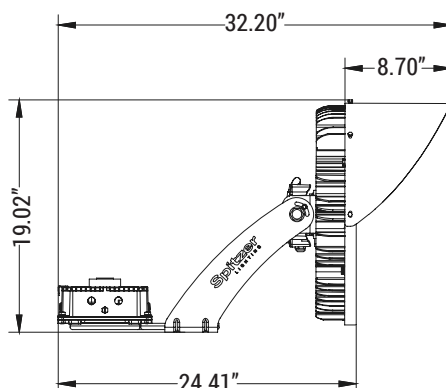
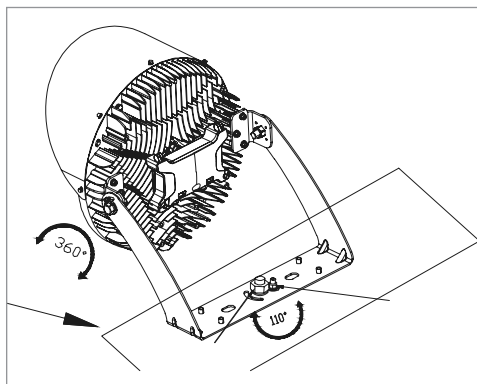


→STEP2  
Use 5 pcs of M4\*11MM screw to lock the visor on the lamp body



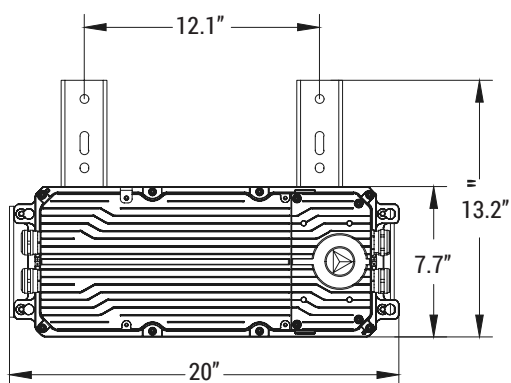
- MOUNT THE LUMINAIRES
1. Insert M20 bolts and plain washers onto bracket
  2. Align rotate-able bracket with mounting structure
  3. Secure bracket, bolts, plain & lock washers with mounting structure
  4. Tighten the nuts hand tight so mounting structure is secure but do not fully torque nuts until desired aiming is achieved

## TRUNNION

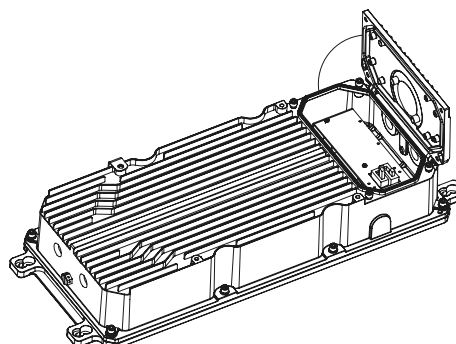
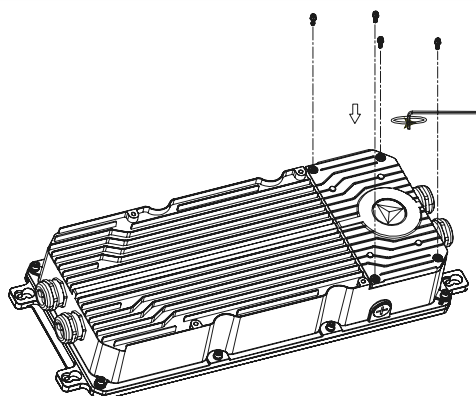
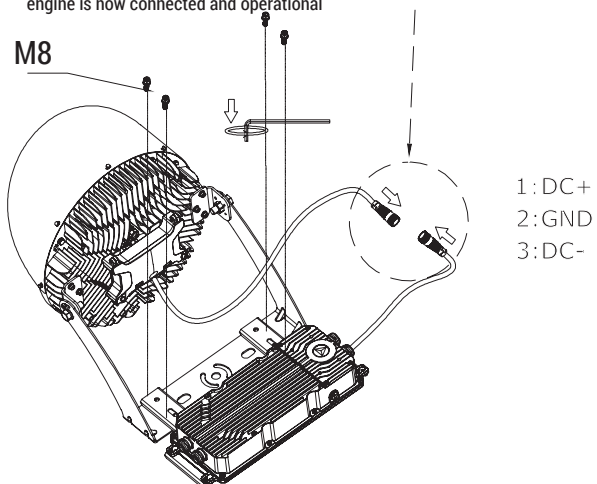


→ **STEP 1** Put the fixture on the install stand

→ **STEP 2** Secure the fixture to platform by M20 and M10 screws (M10 screw is optional. A single M20 is capable of supporting the weight of a complete fixture)



after securing the IP67 connector by plug i and hear a click sound, the driver and LED engine is now connected and operational



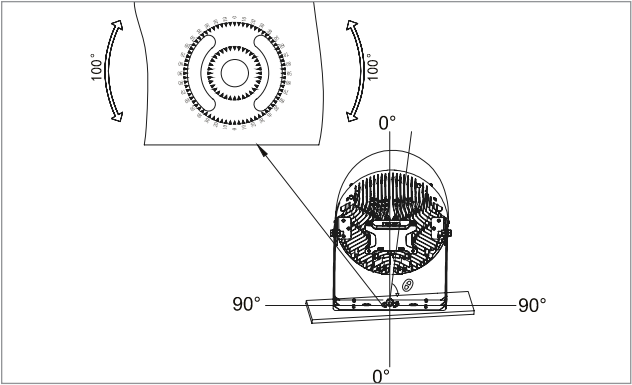
### AIM THE LUMINAIRES

Aiming the luminaire is a critical part of the led lighting solution to ensure that light is evenly distributed on the playing surface. There are two basic methods to properly aim a sports venue - Precision Laser Aiming by Coordinated, and Orient-Tilt.

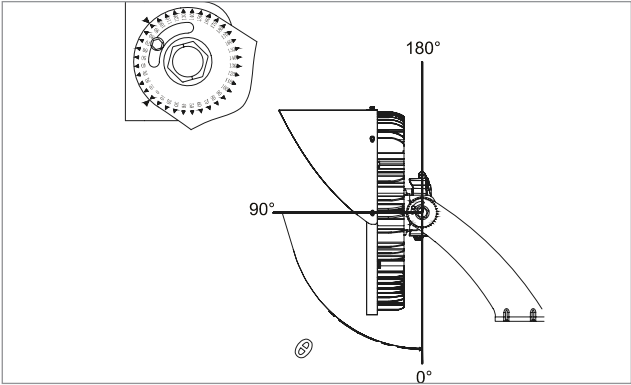
### ORIENT-TILT

This technique involved turning the luminaire to predetermined angles before the lighting pole is lifted up and set in place. The Orient angle refers to the direction the luminaire faces in the Z-plane. Mount the luminaire to the structure but leave the mounting nut slightly loose to allow spinning flexibility about the mounting bolt.

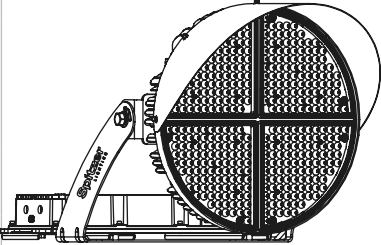












Tilt angle refers to the direction the luminaire faces in the Y-plane. When the luminaire is securely mounted to the structure so that the mounting bracket does not move but the side Hex and Set screws are loosened, the fixture may rotate up inside the mounting bracket. Set the luminaire Tilt angle by rotating the fixture relative to the luminaire mounting structure.



→ORIENTATION  
Orientation is a vector in the z-plane looking down from the top of the luminaire



→TILT  
Tilt is a vector in the y-plan from the hex bolt that is parallel with the top visor

800W, 1000W, 1200W	Mounting Type	Accessory	Quantity
 <p>*Visor is field installed, screws are included</p>		Visor	1
		Safety Rope	1
		Driver	1
		M8*20 screws	4
		3/4-10 screws	1
		3/4-10 nut	1
		M20 spring washer	2
		M20 flat washer	2
		5/16-10 screws	1
		5/16-10 nut	1
		M8 spring washer	2
		M8 flat washer	2

Electrical Load

Current (A)						
System Wattage (W)	120V	208V	240V	277V	347V	480V
	Input Voltage					
1000	8.3	4.8	4.2	3.6	2.9	2
1250	10	5.8	5	4.3	3.4	2.5

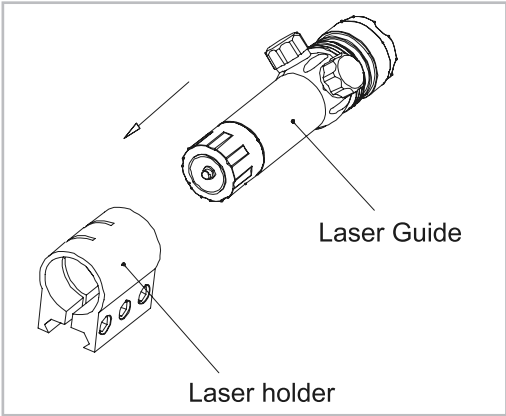
EPA Rating Information (ft²)

Wattage (W)	Front
1000/1250	2.4

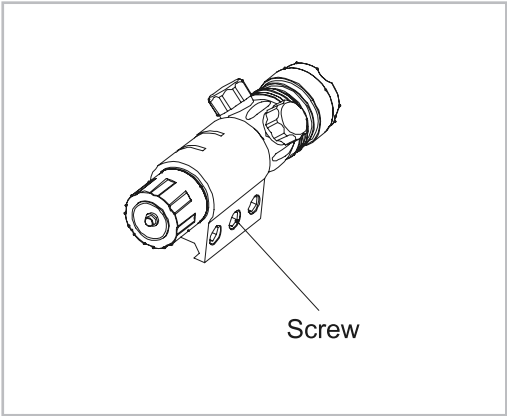
LASER AIMING

**Precision Laser Aiming by Coordinates:**  
Laser aiming is the most effective and preferred technique for aiming ASA-L Installation Instructions This method uses a laser mounted to the luminaire to point the fixture at a predetermined point on the playing surface using (X,Y) coordinates. Unless otherwise noted, aiming coordinates on ASA-L Installation Instructions drawings are based on the origin (0,0,0) placed at center field, court, or ice. All dimensions from that point are in feet along the playing surface unless otherwise noted.

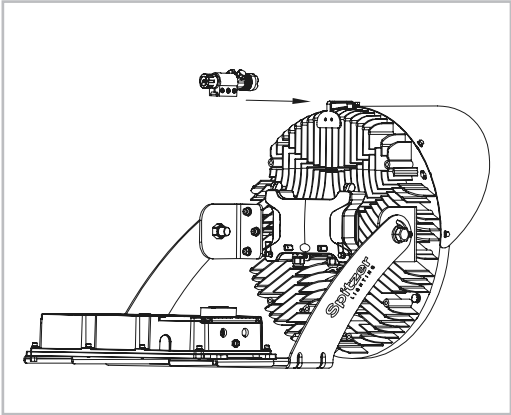
**NEVER point the aiming laser at any person or animal as it can cause permanent damage to eyes. Use laser only for floor aiming fixtures as directed. FAILURE TO FOLLOW THIS WARNING MAY LEAD TO SEVERE INJURY.**



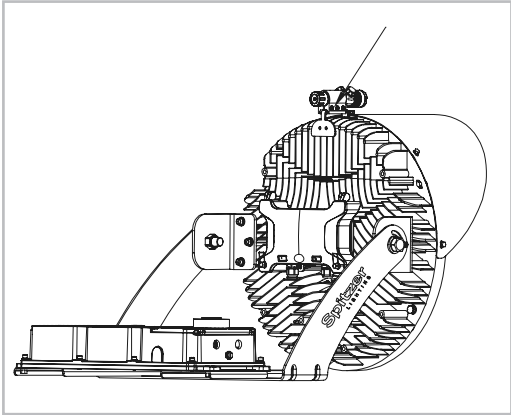
→STEP1  
Affix the laser guide into the laser holder



→STEP2  
Tighten the middle screw on the holder

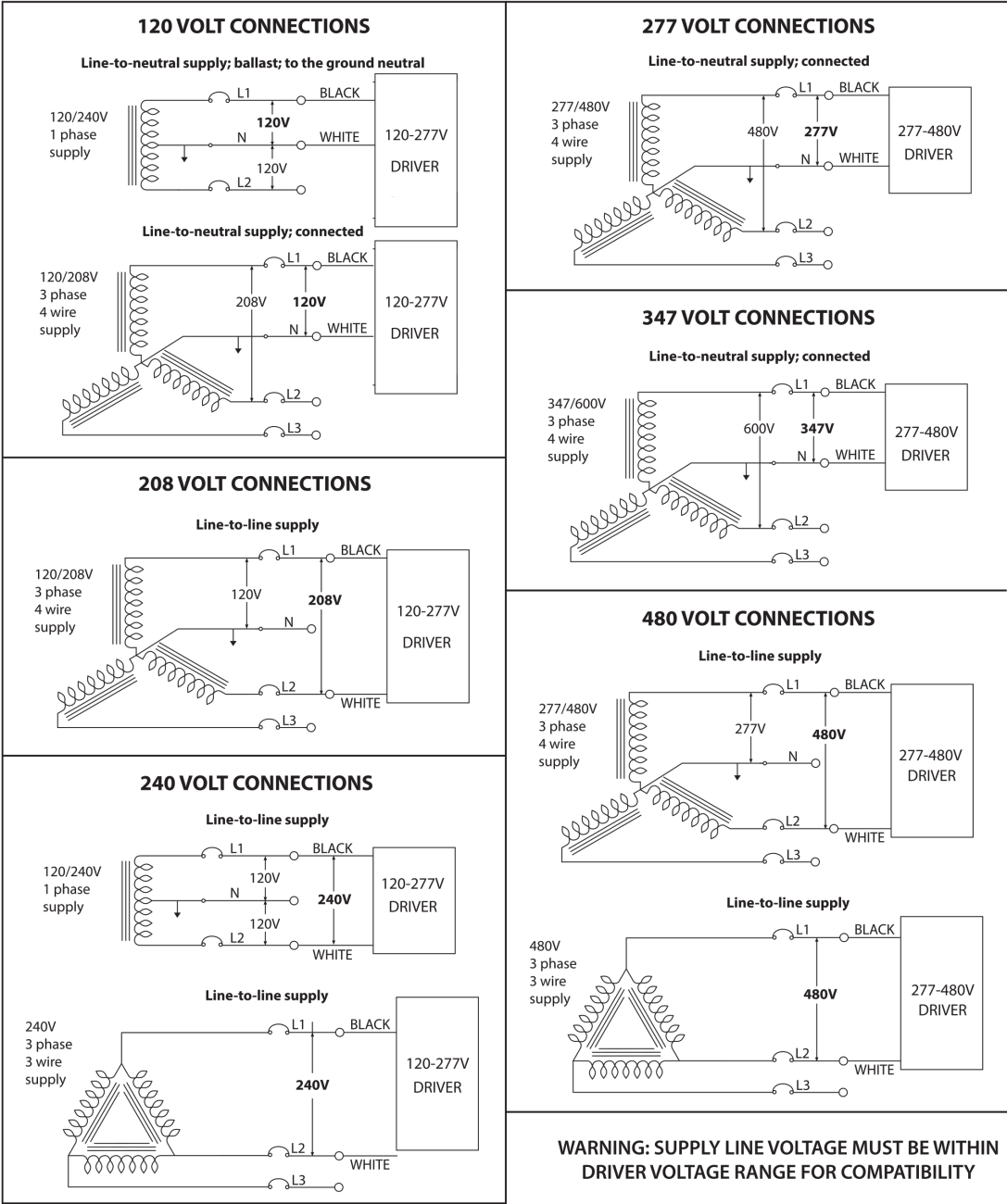


→STEP1  
Affix the laser guide into the laser holder



→STEP2  
Tighten the middle screw on the holder

LED DRIVER WIRING CONNECTIONS  
TO LINE VOLTAGES & TRANSFORMERS



PROBLEM	POSSIBLE CAUSE	SOLUTION	CARE & MAINTENANCE
Light will not come on	A. Light switch is turned off. B. Fuse is blown or circuit breaker is turned off. C. Incorrect circuit wiring	A. Turn light switch on B. Replace fuse or turn circuit breaker on C. Verify that fixture is wired properly	<b>CAUTION:</b> Before attempting to clean the fixture, disconnect the power to the fixture by turning the breaker off or removing the fuse from the fuse box. This LED light fixture is made from quality materials that will last many years with minimum care and maintenance. You may want to clean the fixture with a soft cloth periodically. To maintain the best appearance of the fixture, do not use cleaners with chemicals, solvents or harsh abrasives. Do not use liquid cleaner on the LEDs, LED driver, or wiring inside the light fixture.