

IMPORTANT SAFEGUARDS

PLEASE CONSULT A QUALIFIED ELECTRICIAN FOR INSTALLATION. Ensure you read the instructions thoroughly before installing and using the luminaire.

To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, please:

- Carefully read all warnings and instructions provided in the fixture box and on all fixture labels.
- Prior to installation, servicing, or routine maintenance, adhere to the following general precautions.
- Ensure that the installation, servicing, and maintenance of luminaires are carried out by a qualified, licensed electrician.
- For installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified, licensed electrician and refer to your local electrical code for guidance.
- To prevent wiring damage or abrasion, avoid exposing wiring to the edges of sheet metal or other sharp surfaces.
- Do not create or alter any open holes in the enclosure of wiring or electrical components during kit installation.
- Avoid covering any part of the fixture to prevent overheating.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

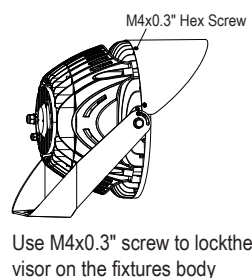
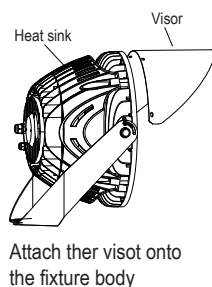
- Turn off the electrical power at the fuse box or circuit breaker before connecting the fixture to the power supply.
- Ensure the power remains off while performing any maintenance.
- Confirm that the supply voltage matches the specifications indicated on the luminaire label.
- Perform all electrical and grounding connections in compliance with the National Electrical Code and applicable local codes.
- Use UL-approved wire connectors to securely cap all wiring connections.

CAUTION: RISK OF INJURY

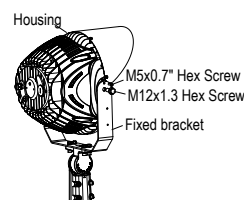
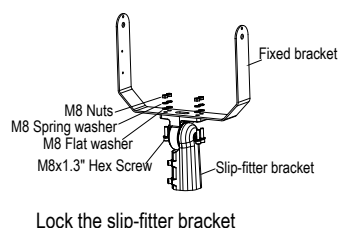
- Avoid direct eye exposure to the light source when it is illuminated.
- Keep track of small parts and dispose of packing materials properly, as they may pose a hazard to children.

Store luminaires in a clean, dry place, protected from dirt, water, and sunlight. See table for required storage and operating

Attach the Visor



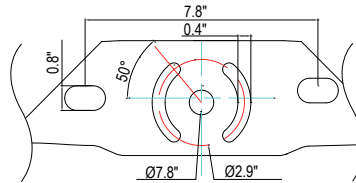
Install Slip-fitter Bracket



1. Secure bracket to housing using M5x0.7" screw
2. Secure bracket to housing using M12x1.3" screw

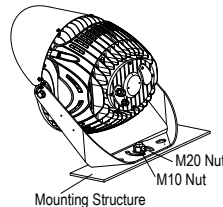
Mount the Luminaires

1. Insert M20 bolts and plain washers onto bracket.
2. Align rotatable 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.

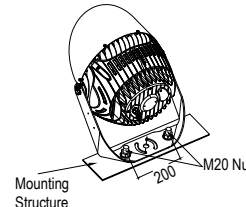


Mounting Hole Diagram

Standard Mounting



US Version Installation



EU Version Installation

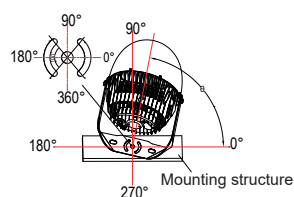
Aim the luminaires

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

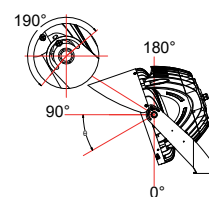
- The Orient angle refers to the horizontal direction the luminaire faces (Z-plane).
- Before the pole is lifted, turn the luminaire to its predetermined Orient angle.
- Mount the luminaire to the structure, but keep the mounting nut slightly loose to allow fine adjustments.
- The Tilt angle refers to the vertical direction the luminaire faces (Y-plane).
- Once the luminaire is securely mounted and the bracket is fixed in place, loosen the side Hex and Set screws.
- This allows the fixture to rotate up or down within the mounting bracket.
- Set the desired Tilt angle by rotating the fixture relative to the mounting structure.

Orientation



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

Tilt

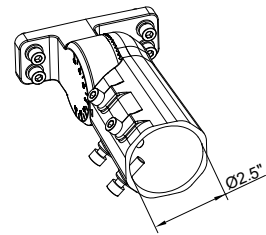


Tilt is a vector in the y-plane the held bolt that is parallel with the top visor

Alternative Installation

(Applicable only to 300-400-500W models)

- The Orient angle refers to the horizontal direction the luminaire faces (Z-plane).
- Before the pole is lifted, turn the luminaire to its predetermined Orient angle.
- Mount the luminaire to the structure, but keep the mounting nut slightly loose to allow fine adjustments.
- The Tilt angle refers to the vertical direction the luminaire faces (Y-plane).
- Once the luminaire is securely mounted and the bracket is fixed in place, loosen the side Hex and Set screws.
- This allows the fixture to rotate up or down within the mounting bracket.
- Set the desired Tilt angle by rotating the fixture relative to the mounting structure.

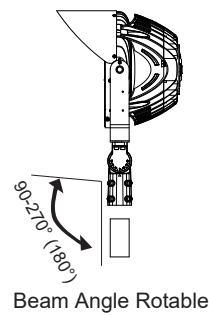


Power Wiring Connections

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

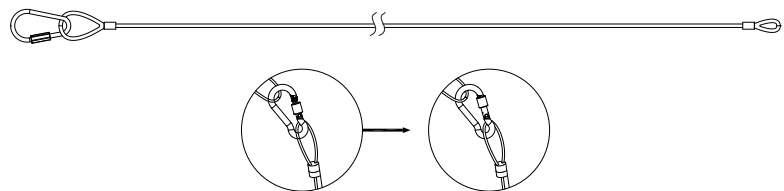
Wiring Diagram

	US	EU		Cabel		label
	Black	Brown	-- L --		→	L L
	White	Blue	-- N --		→	N N
⚡	Green	Yellow&Green			→	⊕GND ⊕GND
	Purple	Brown	-- DIM (+) --		→	
	Pink	Blue	-- DIM (-) --		→	0-10V



Fasten Safety Cable

Safety cable can be ordered separately as an accessory.



Safety Cable

For Installations Over 3m Height

Secondary a safety system application is mandatory, which is appropriated for the luminaire load. (e.g. safety cable).

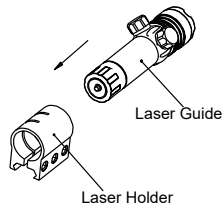


DYNAMO GEN2 STADIUM FLOOD LIGHT

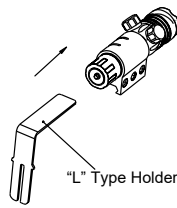
Laser Aiming

Precision Laser Aiming By Coordinates

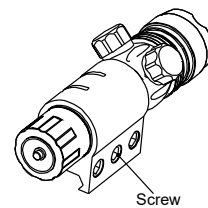
- Laser aiming is the most accurate and preferred method for sports lighting alignment.
- A laser device is mounted on the luminaire to target a specific point on the playing surface.
- Target points are determined using (X, Y) coordinates.
- Coordinates typically reference the origin point (0,0,0) at the center of the field, court, or ice.
- All measurements from the origin are in feet along the surface unless specified otherwise.



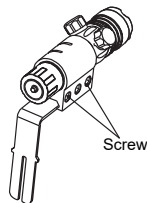
Affix the laser guide into the laser holder



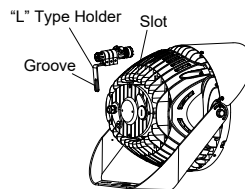
Insert the "L" type holder at the bottom of the laser holder



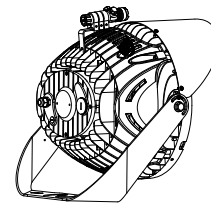
Screw on the holder tighten the middle



Tighten both end screws to lock the 'L' type laser holder



Aim the groove on "L" type holder over the slot.



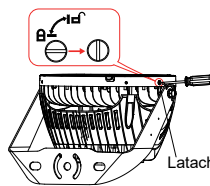
Insert "L" type holder into the slot to attach to fixture.

Power Selectable Instruction

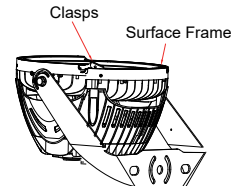


3 in 1 Power Selectable
300W-400W-500W

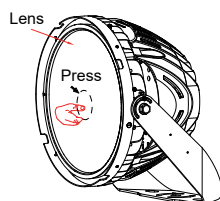
Installation Instructions For Interchangeable Lenses



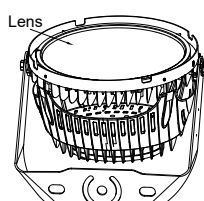
Rotate the latch on the surface frame 90° to keep the latch open.



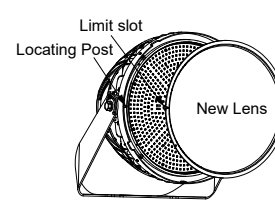
Open the four clasps and take out the surface frame.



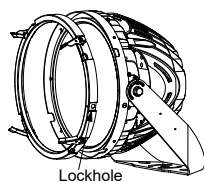
Press the lens center, make it fix well.



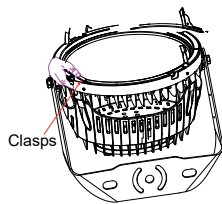
Hold the edge of the lens, Take the lens out.



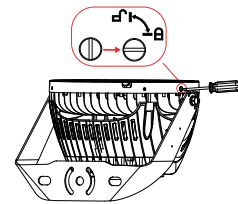
Align the lens slot with the housing post and install it correctly



Position the buckle upright and align the lock hole for installation.



Press the buckle center to fully secure the frame and lens.



Rotate the lock 90° to secure the frame.

Maintenance & Preventative Maintenance

Fixtures Card and Maintenance

All luminaires are prepared with a powder-coated finish. The finish on exterior luminaires may weather over time, depending on the environmental conditions at the installation site. Proper care of the luminaires will maintain their performance and appearance.

Follow a regular maintenance schedule to retain optimal light output and thermal performance. Lack of preventative maintenance may disqualify owner from warranty. Not adhering to this minimum system cleaning requirement is considered negligence as outlined in your product warranty documents. Refer to your product and/or labor warranty documentation for further details.

Problem	Remedy
Luminaire does not power on	<ul style="list-style-type: none">• Verify the power supply is on, at the proper voltage, and stable.• Check connections at the source and at the fixture.• Verify control signal is above 50%.
Luminaire does not respond to controls	<ul style="list-style-type: none">• Reset the fixture by turning all power sources off for at least 10 seconds.• Inspect all system control wiring to make sure there are no poor connections or breaks in the control wiring.

- Clean all luminaires at a minimum of once every 12 months from receipt of your product.
- Remove physical elements such as dirt, leaves and other foreign debris from the luminaire housing that can block and modify the air cooling (heatsink fins).
- Wipe the optical lenses with a clean, dry, cotton cloth to remove dust and other contaminants. A non-abrasive optical cleanser or water may be used periodically.
- Do not apply cleaners in direct sunlight or at elevated temperatures.

Fixture Replacement

Contacting Warranty Technical Support

1. Before you call, make sure you have completed the troubleshooting steps.
2. Gather as much detailed information as possible about the situation.
3. Have your fixture and project information handy, including the model number of the fixture in question.

Refer to your fixture warranty document for more information.
If you have attic stock fixtures available and need to replace a fixture, simply follow the installation instructions in this manual to replace the fixture in question. Be sure to address the replacement fixture with the correct luminaire number.

All Luminaires, materials, and accessory equipment being returned through the warranty process need to be placed back in their original packaging in the same orientation that they were originally shipped from the factory. If the packaging is damaged or if there are questions on the orientation in returning equipment and materials, you need to contact the Warranty Department for replacement packaging materials.