

BRIGHTX STADIUM FLOOD LIGHT

IMPORTANT SAFEGUARDS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION

Please read the instructions before you install and use the luminaire.

- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, carefully read all warnings and instructions included with and on the fixture box, as well as all fixture labels.
- Before installing, servicing, or performing routine maintenance on this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified, licensed electrician.
- To prevent wiring damage or abrasion, do not expose wiring to the edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in the enclosure of wiring or electrical components during kit installation.

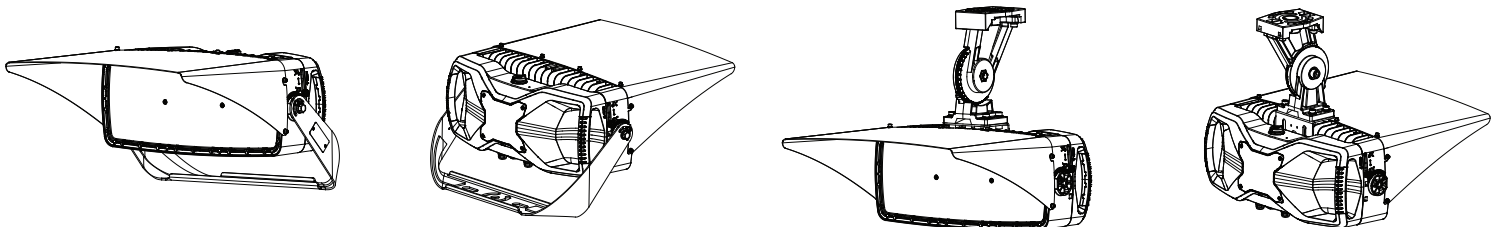
WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

- Turn off electrical power at the fuse or circuit breaker box before wiring the fixture to the power supply.
- Ensure the power is turned off before performing any maintenance.
- Verify that the supply voltage is correct by comparing it with the information on the luminaire label.
- Make all electrical and grounding connections in accordance with the National Electrical Code and any applicable local code requirements.
- Cap all wiring connections with UL-approved wire connectors.

CAUTION: RISK OF INJURY

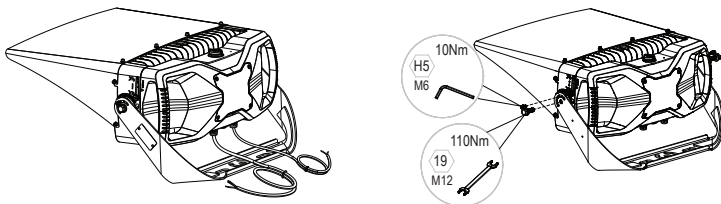
- Avoid direct eye exposure to the light source while it is on.
- Keep track of small parts and dispose of packing materials properly, as they may pose a hazard to children.
- Ensure the mounting surface is strong enough to support more than the weight of the fixture. Suitable for wet locations.

Mounting Options

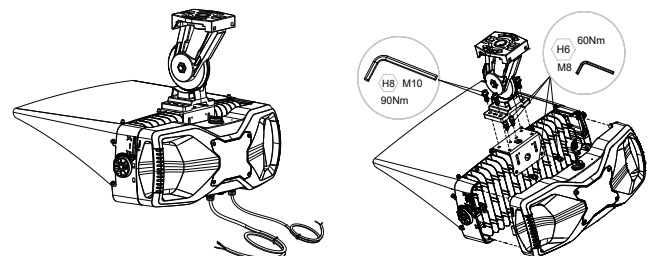


Product Installation Method

U-bracket

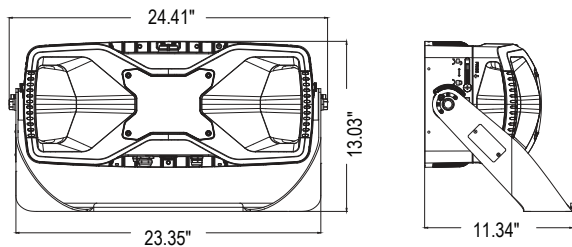


Suspension Bracket

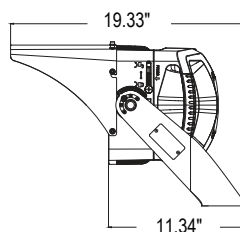


Product Size Overview

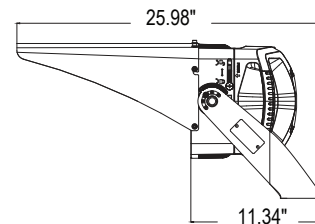
U-bracket



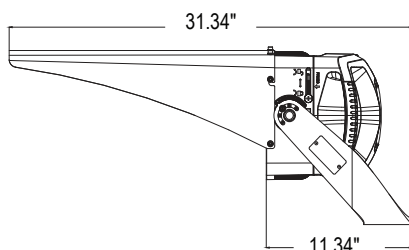
U-bracket with small visor



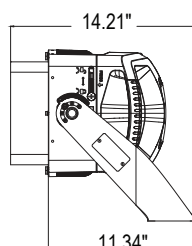
U-bracket with medium visor



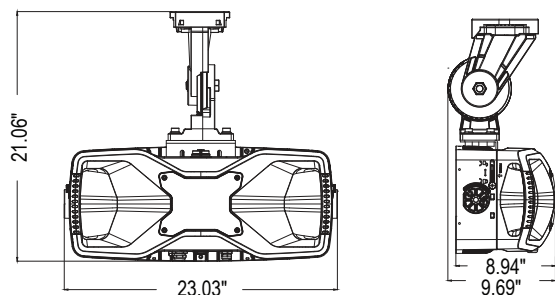
U-bracket with long visor



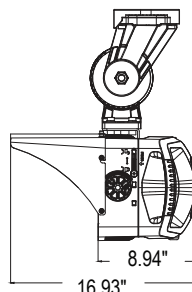
U-bracket with louver



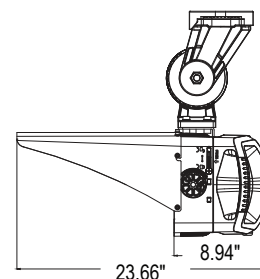
Suspension bracket



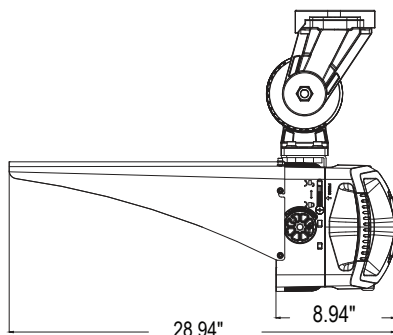
Suspension bracket with small visor



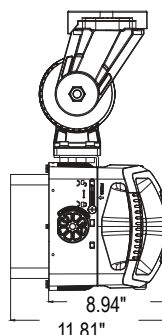
Suspension bracket with medium visor



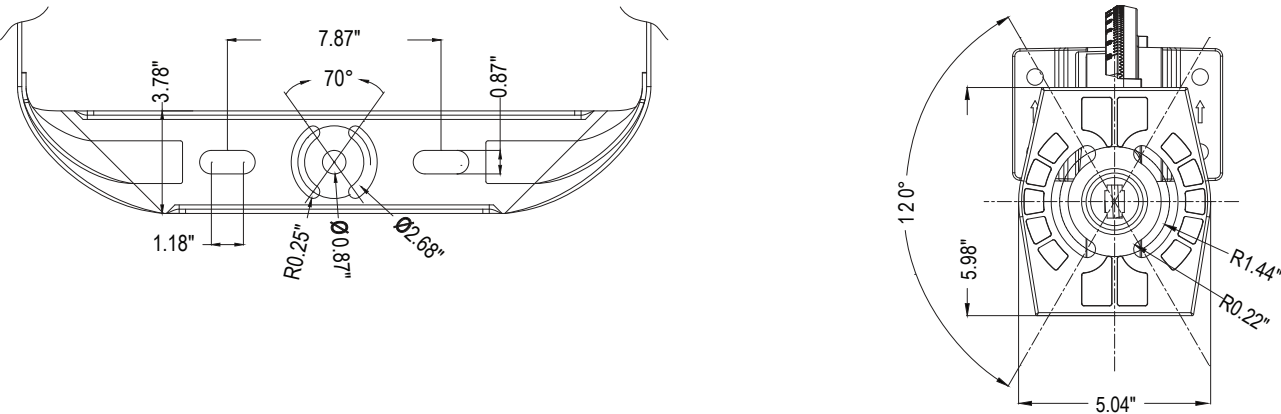
Suspension bracket with long visor



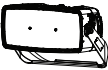

Suspension bracket with louver



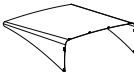
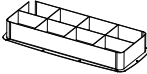


Mounting Bracket



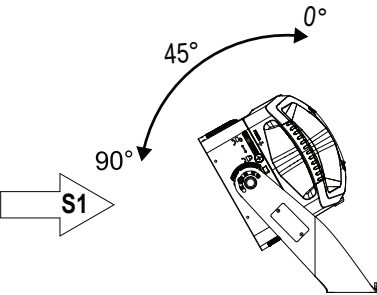
Product Weight Overview

Driver Type	Net Weight	
	U-bracket 	Suspension bracket 
SLK-800-C280	17.2±0.5kg/37.84±1.1lbs	17.9±0.5kg/39.38±1.1lbs
BLK-810-C280	16.9±0.5kg/37.18±1.1lbs	17.6±0.5kg/38.72±1.1lbs
BLD-800-C420	17.7±0.5kg/38.94±1.1lbs	18.4±0.5kg/40.48±1.1lbs
TLD-700-C360	17.9±0.5kg/39.38±1.1lbs	18.6±0.5kg/40.92±1.1lbs
800FGH420C	17.3±0.5kg/38.06±1.1lbs	18.0±0.5kg/39.6±1.1lbs
EFM-800S440MG	18.5±0.5kg/40.7±1.1lbs	19.2±0.5kg/42.24±1.1lbs
EUM-880S420MG	18.3±0.5kg/40.26±1.1lbs	19.0±0.5kg/41.8±1.1lbs

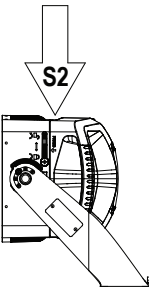
Visor Type	Weight (lbs)	Visor Dimension
Small visor	1.54	
Medium visor	2.64	
Long visor	3.52	
Louver	1.76	

Effective Projected Area (EPA)

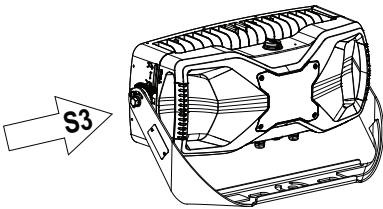
Without Visor or Louver



Front



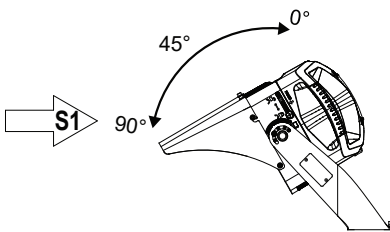
Top-down



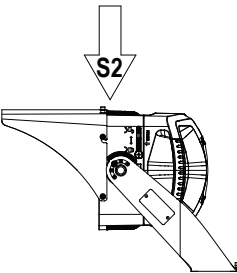
Sideways

	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1382	0.17	1.78	0.1655	0.20	2.14	0.1672	0.20	2.16	0.1514	0.18	1.96	0.1284	0.15	1.66
S2	0.1284	0.15	1.66	0.1599	0.19	2.07	0.1684	0.20	2.17	0.1599	0.19	2.07	0.1382	0.17	1.78
S3	0.0531	0.06	0.69	0.0531	0.06	0.69	0.0531	0.06	0.69	0.0531	0.06	0.69	0.0531	0.06	0.69

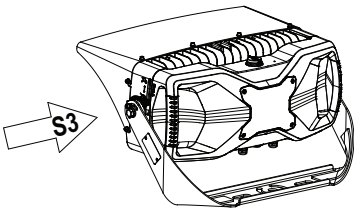
With Small Visor



Front



Top-down



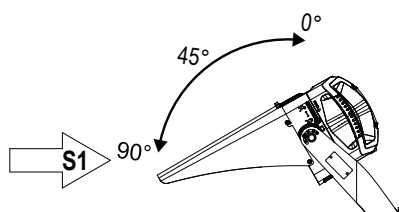
Sideways

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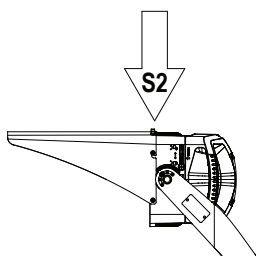


	$\alpha=0^{\circ}$			$\alpha=30^{\circ}$			$\alpha=45^{\circ}$			$\alpha=70^{\circ}$			$\alpha=90^{\circ}$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.13	1.82	0.1667	0.20	2.15	0.1667	0.20	2.15	0.2128	0.26	2.75	0.2430	0.29	3.14
S2	0.2430	0.29	3.14	0.2605	0.31	3.36	0.2497	0.30	3.23	0.2006	0.24	2.59	0.1406	0.17	1.82
S3	0.0735	0.09	0.95	0.0735	0.09	0.95	0.0735	0.09	0.95	0.0735	0.09	0.95	0.0735	0.09	0.95

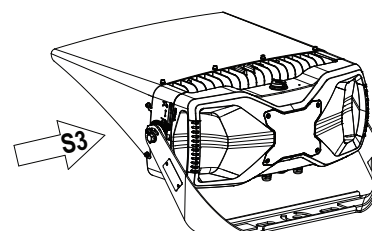
With Medium Visor



Front



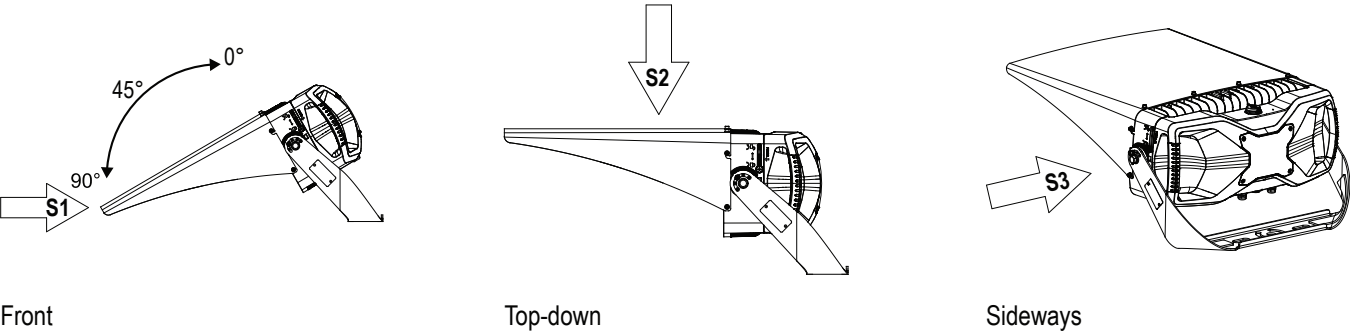
Top-down



Sideways

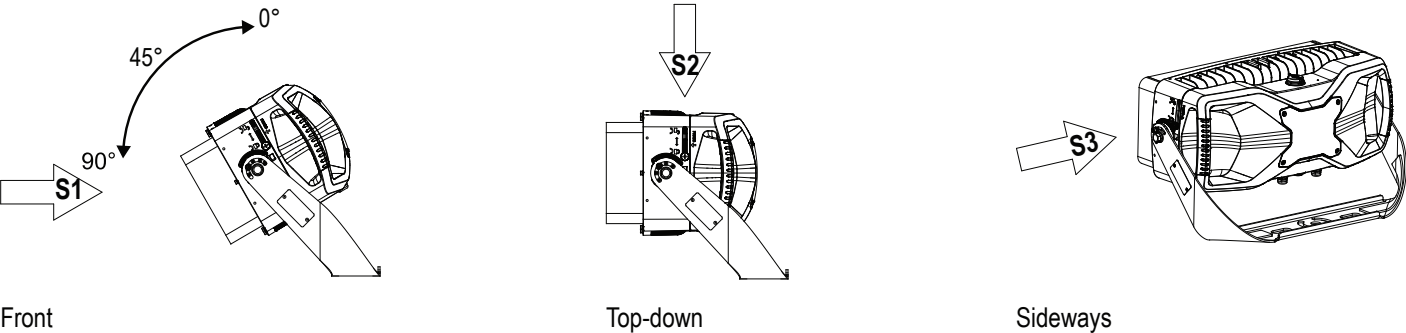
	$\alpha=0^{\circ}$			$\alpha=30^{\circ}$			$\alpha=45^{\circ}$			$\alpha=70^{\circ}$			$\alpha=90^{\circ}$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.17	1.82	0.1673	0.20	2.16	0.2279	0.26	2.85	0.3039	0.36	3.93	0.3402	0.41	4.39
S2	0.3402	0.41	4.39	0.3430	0.41	4.43	0.2274	0.38	4.10	0.2333	0.28	3.01	0.1406	0.17	1.82
S3	0.0921	0.11	1.19	0.0921	0.11	1.19	0.0921	0.11	1.19	0.0921	0.11	1.19	0.0921	0.11	1.19

With Long Visor



	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.17	1.82	0.1945	0.23	2.51	0.2273	0.33	3.58	0.3754	0.45	4.85	0.4147	0.50	5.63
S2	0.4147	0.50	5.63	0.4091	0.49	5.28	0.3718	0.45	4.80	0.2599	0.31	3.36	0.1406	0.17	1.82
S3	0.1029	0.12	1.33	0.1029	0.12	1.33	0.1029	0.12	1.33	0.1029	0.12	1.33	0.1029	0.12	1.33

With Louver

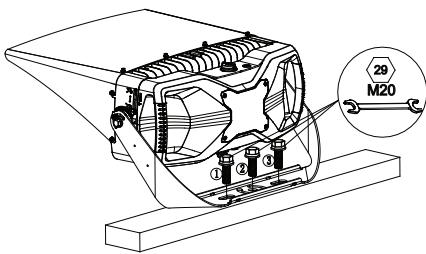


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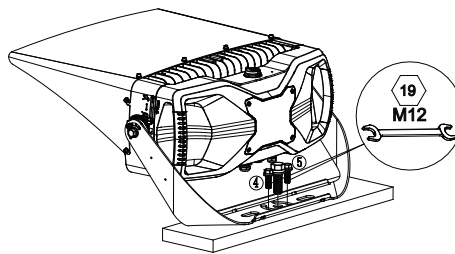
	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1382	0.17	1.78	0.1769	0.21	2.29	0.1894	0.23	2.45	0.1871	0.22	2.42	0.1707	0.20	2.20
S2	0.1407	0.20	2.20	0.1898	0.23	2.45	0.1887	0.23	2.44	0.1627	0.20	2.10	0.1382	0.17	1.78
S3	0.0735	0.09	0.95	0.0735	0.09	0.95	0.0735	0.09	1.25	0.0735	0.09	0.95	0.0735	0.09	0.95

Fixture Installation**Minimum screw requirement**

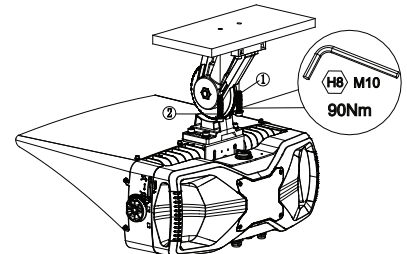
Vibration standard	IEC 0.5g/ANSJ3.0g
Minimum fastener requirement	1x M20/M12 8.8 or A2-70 DIN9021 large plain washer
Tightening torques	1xM20: 200 Nm 2xM20: 140 Nm 2XM12:110 Nm



If Pos.1 is used, the second screw must be placed in the opposite Pos.3, Position 2 is optional.



If Pos.3 is used, the second screw must be placed in the opposite Pos.1, Position 2 is optional.

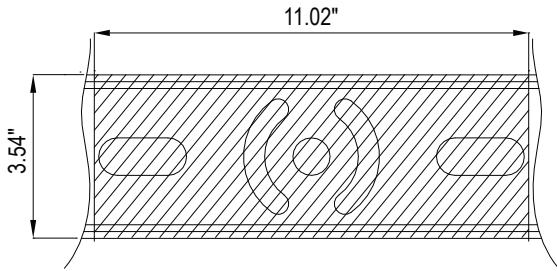


For rotational adjustment, Position 2 must be used together with Positions 4 and 5. Position 2 alone is not permitted.

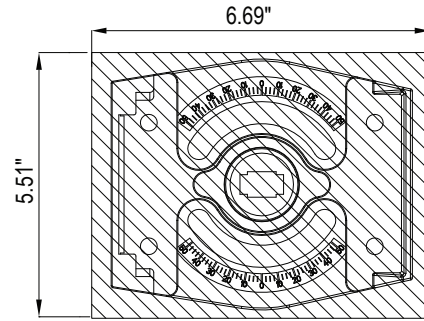
Note: Screws and washers are not included in the package. The Pos.1 and Pos.2 screws are necessary.

BRIGHTX STADIUM FLOOD LIGHT

Minimum Fixation Surface Area



U-bracket



Suspension bracket

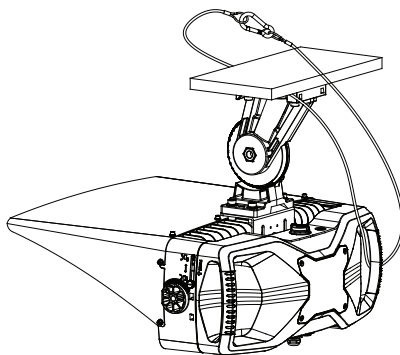
Fasteners are not included in the package.

Note: The hatched area must always be supported by a flat planar mounting surface at minimum. Wider surface contact is required; smaller contact is not permitted.

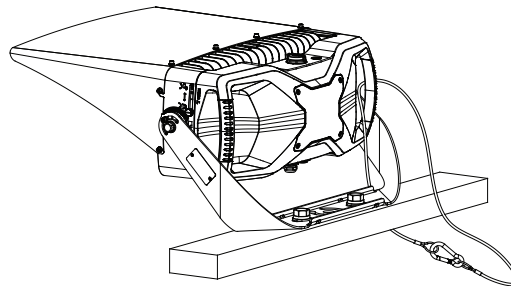
Safety Cable

1. No sharp edges on the interface (bracket or hole) of mounting side.
2. The safety chain must be replaced immediately if any of the below scenarios occur:
 - The safety chain was stretched at any time due to luminaire falling.
 - If part of steel wire is broken or frayed.
 - The safety chain is designed to protect the luminaire from falling, but the luminaire should not be suspended for a long time.

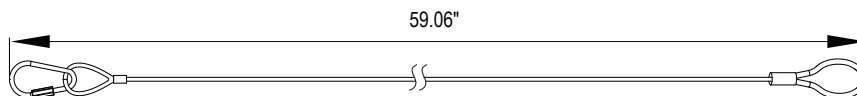
For installations over 3m height, a secondary safety system application is mandatory, which is appropriate for the luminaire load (e.g. safety cable) are not included in the package.



Suspension bracket



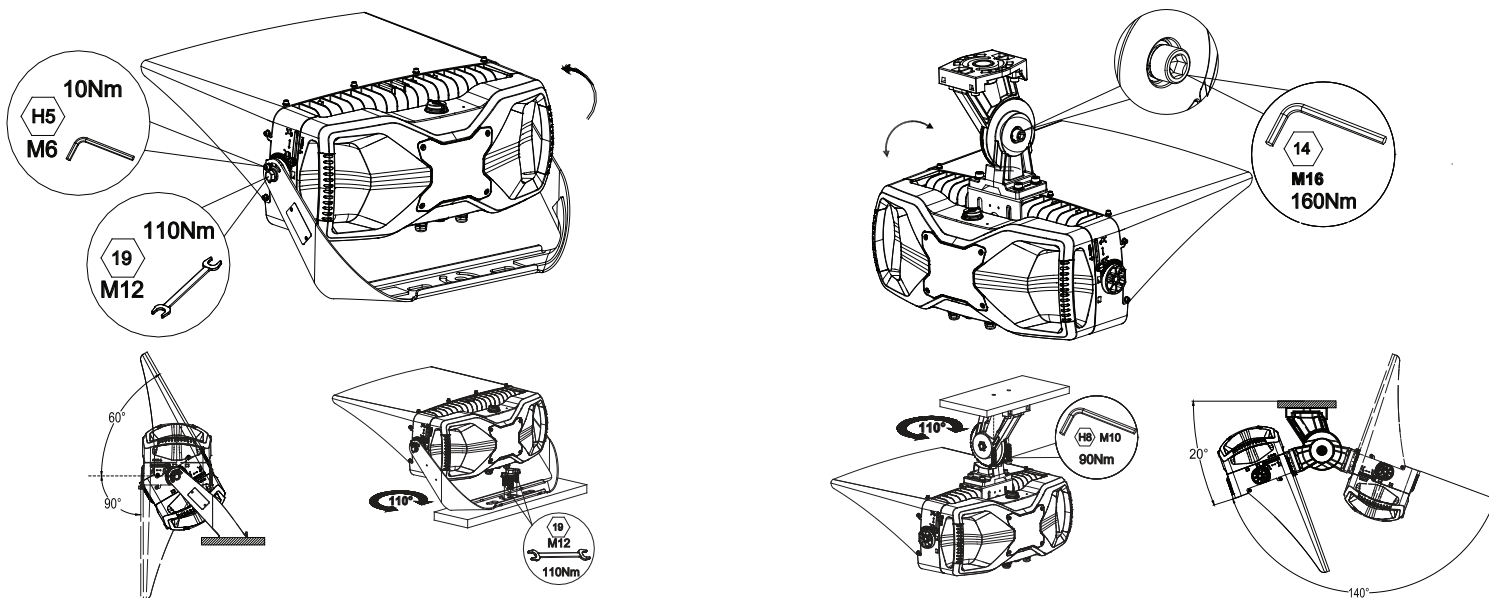
U-bracket



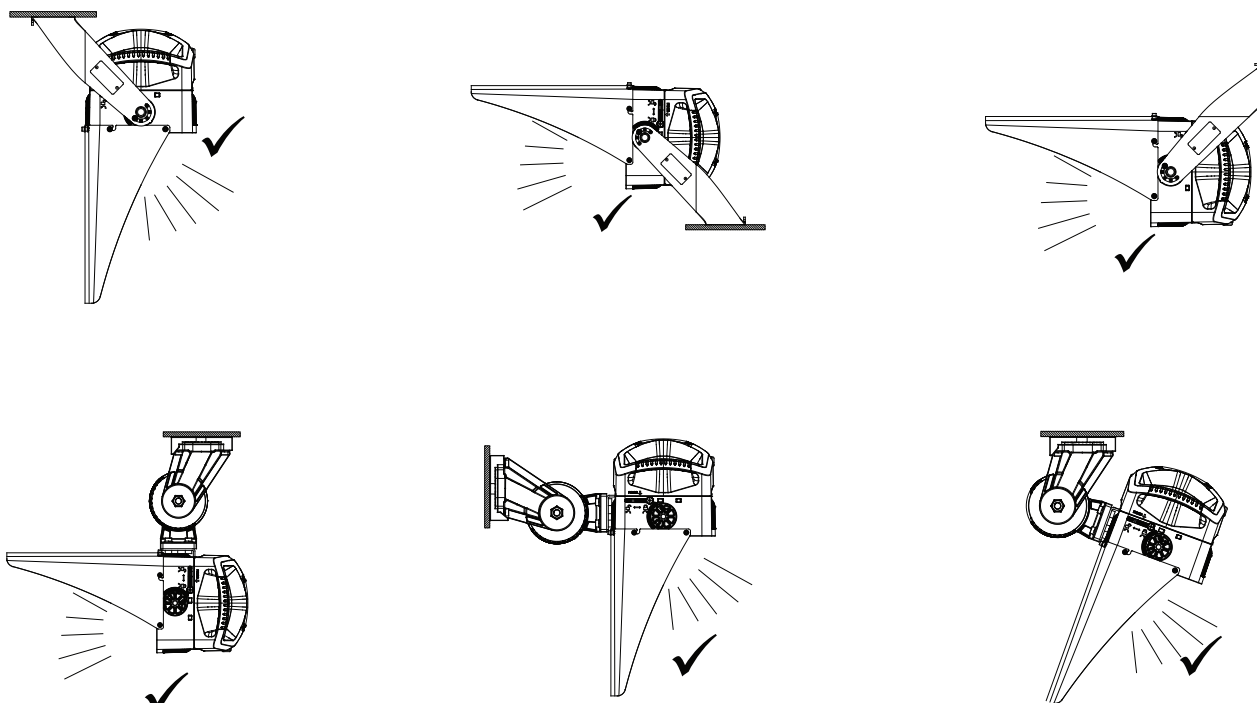
59.06" A safety cable may be included as an optional feature

BRIGHTX STADIUM FLOOD LIGHT

Angle Adjustment

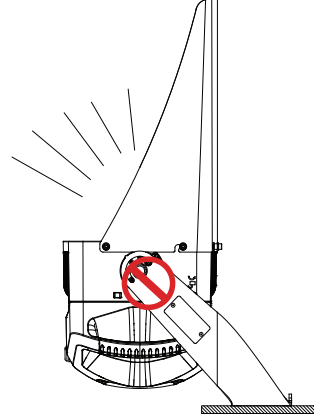
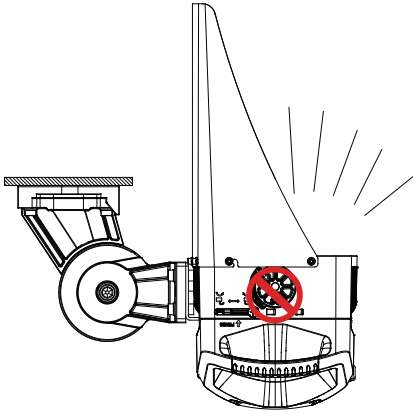


Positions Allowed



BRIGHTX STADIUM FLOOD LIGHT

Positions Not Allowed

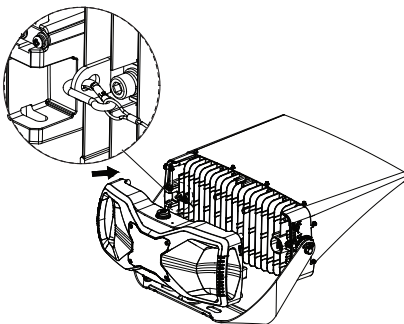


The light source in this luminaire may only be replaced by the manufacturer, an authorized service agent, or a similarly qualified professional.

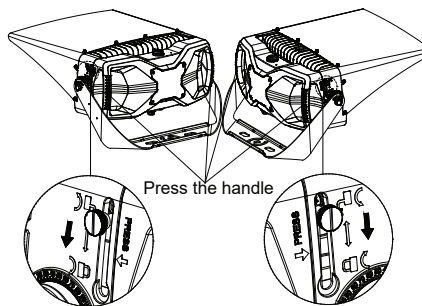
If the external flexible cable or cord is damaged, it must be replaced exclusively by the manufacturer, an authorized service agent, or a similarly qualified professional to prevent hazards.

The manufacturer is not responsible for any consequences or accidents resulting from negligence, unauthorized modifications, or improper installation.

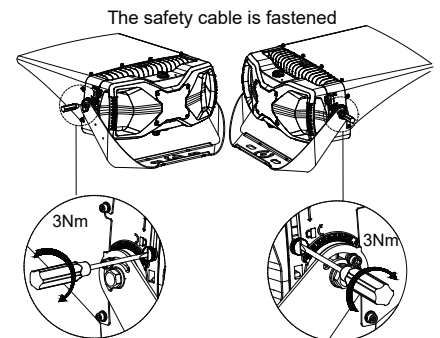
Gear Box Installation



When replacing a power box, ensure that the safety cable is fastened



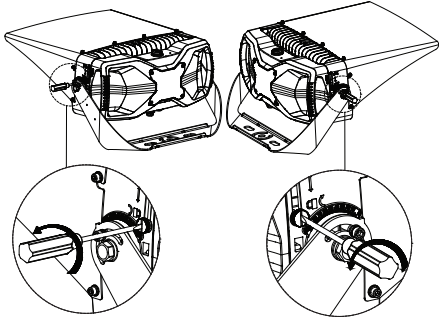
Slide the latch into the slot, following the arrow. Keep the handle pressed down while tightening the thumb screw



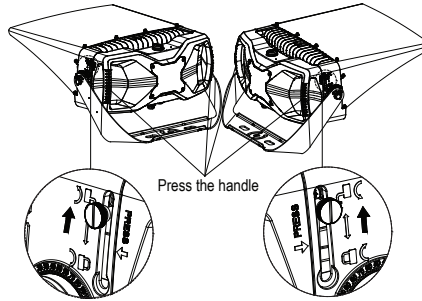
Lock the screw with a screwdriver

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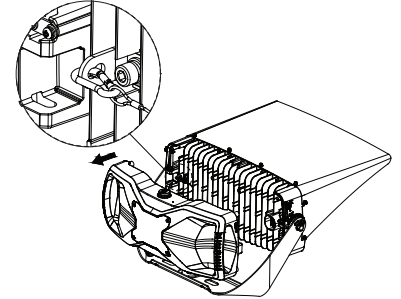
Removing Gear Box



Remove screw with screwdriver



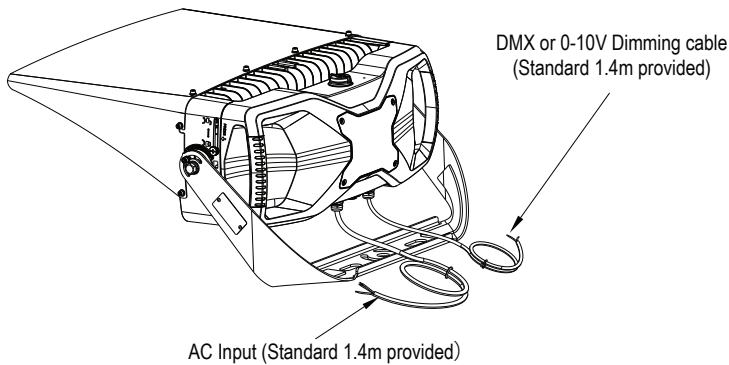
Slide the latch into the slot, following the arrow. Keep the handle pressed down while tightening the thumb screw



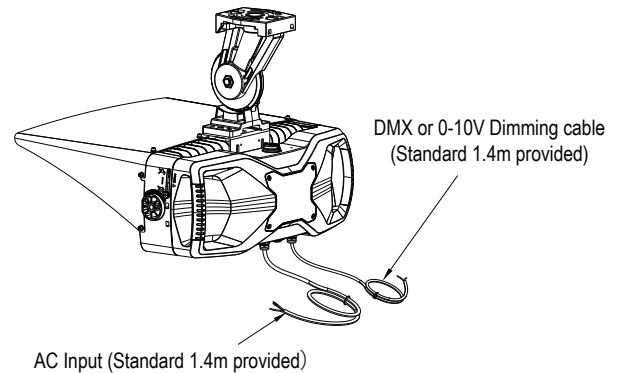
Unhook the safety line, remove the gear box

Electrical Connection

U-bracket Wiring



Suspension Bracket Wiring



Caution: Cable length may be confirmed upon order

BRIGHTX STADIUM FLOOD LIGHT

Wiring Diagram

Three Phase

US

	cable		label
Black	--L1--	□ □ □	L1 L1
White	--L2--	□ □ □	L2 L2
Green	GND	□ □ □	GND GND

(DMX)

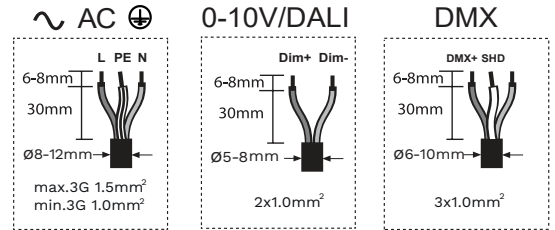
US

	cable		label
Purple	-- DMX+ --	□ □ □	DMX+ DMX+
Pink	-- DMX- --	□ □ □	DMX- DMX-
Black & White	SHD	□ □ □	SHD SHD

(0-10V/DALI)

US

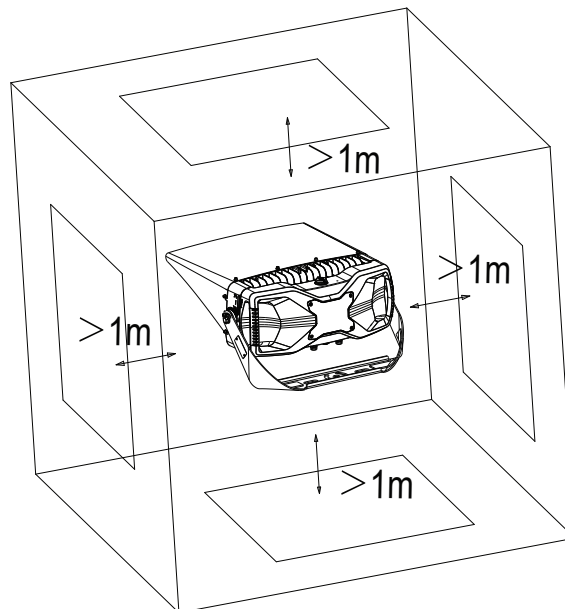
	cable		label
Purple	-- Dim+ --	□ □ □	Dim+ Dim+
Pink	-- Dim- --	□ □ □	Dim- Dim-



Note: For larger external diameter cables, remove both the plug and the smaller inner-diameter seal, whereas for smaller external-diameter cables, only the plug needs to be removed.

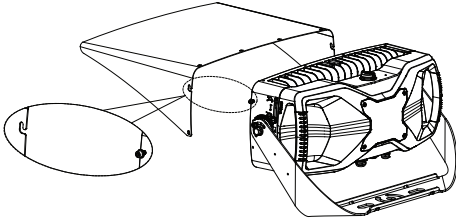
Recommendations

Surrounding Distances

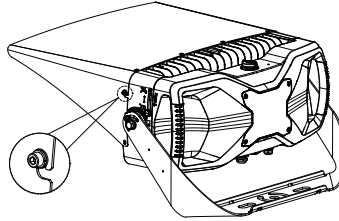


BRIGHTX STADIUM FLOOD LIGHT

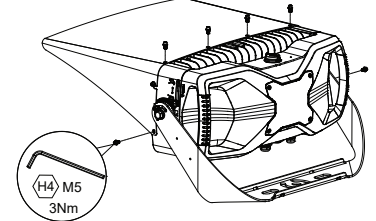
Visor and Louver



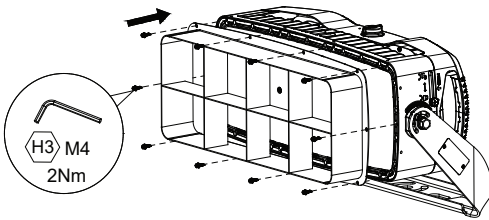
Secure 2 pcs M5 screws into the heat sink. Do not tighten the screws completely. Leave 0.16"-0.24" of screw length for hanging the Visor



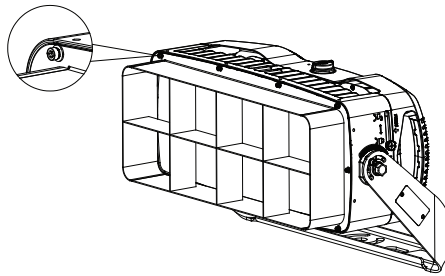
Hook the L-shaped groove on the Visor to the screw



Install the remaining screws and lock the Visor



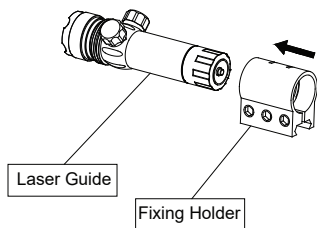
Use screws to secure the louver to the heat sink.



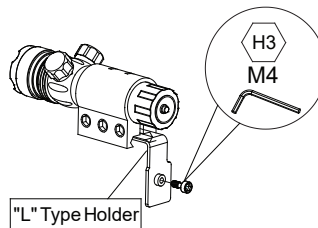
Check the screws for any omissions.

Note: (8x)M5X12mm and (10x)M4X14mm screws are provided in the carton.

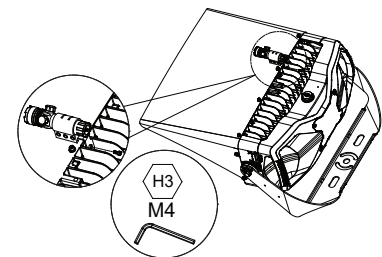
Aiming Laser (Optional Accessories)



Fix the laser guide on the holder



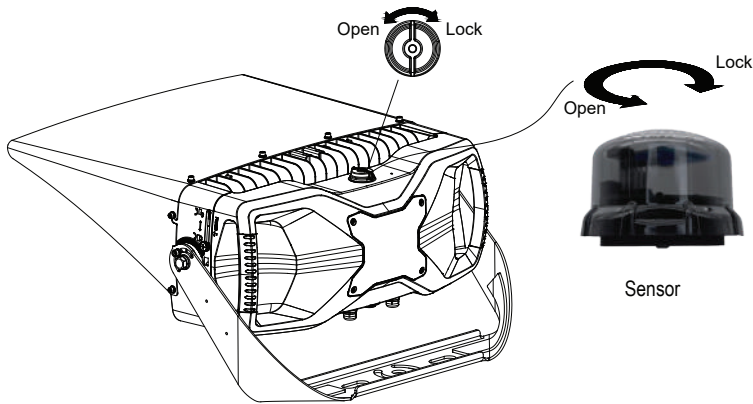
Lock screw to the holder



Align the sight and bracket hole with the middle screw of the heat sink and lock the screw to fix the sight

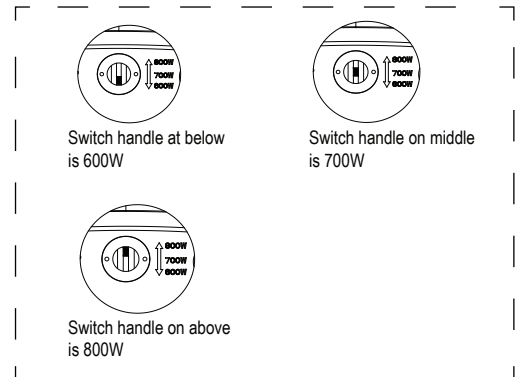
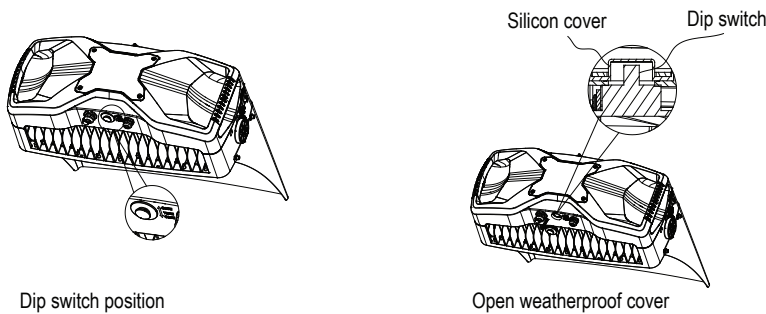
BRIGHTX STADIUM FLOOD LIGHT

Photocell Installation

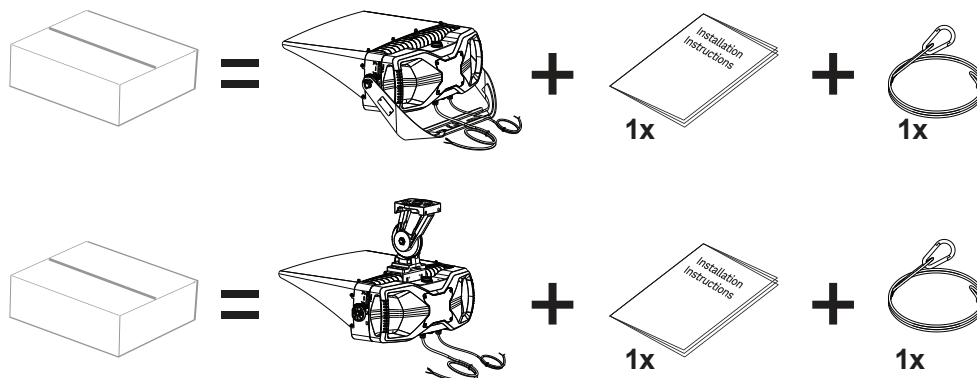


Remote Control

Dip Switch Power Selectable



Packaging Instructions



1. Safety chain is optional, not standard configuration.
2. Visor and louver are optional.
3. Long visors or louver are individually packed in carton.



Maintenance

All luminaires have 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 preventive maintenance may disqualify owner from warranty coverage. 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.

1. Clean all luminaires at least once every 12 months from the date of receipt.
2. 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).
3. Wipe the optical lenses with a clean, dry, cotton cloth to remove dust and other contaminants. A non-abrasive optical cleaner or water may be used periodically.
4. Do not apply cleaners in direct sunlight or at elevated temperatures.

Troubleshooting

If the system does not appear to be operating correctly, follow these steps:
The first step is to gather as much information as possible about the issue. Begin by asking the following questions:

- Determine how many fixtures are not working if it's just one, inspect that fixture; if multiple, begin troubleshooting at the shared power or control source.
- Check for external factors such as nearby work by riggers or electricians, or recent power disturbances like surges or lightning—that may have affected the fixtures or controls.
- Verify whether fixtures respond correctly to control inputs by running different scenes including full on and blackout and note any that fail to respond as expected.

Fixture Replacement

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.

All luminaires, materials, and accessories returned under warranty must be placed in their original packaging and oriented as they were when shipped from the factory. If the packaging is damaged or the correct orientation is unclear, contact the warranty department for replacement packaging materials.