

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.

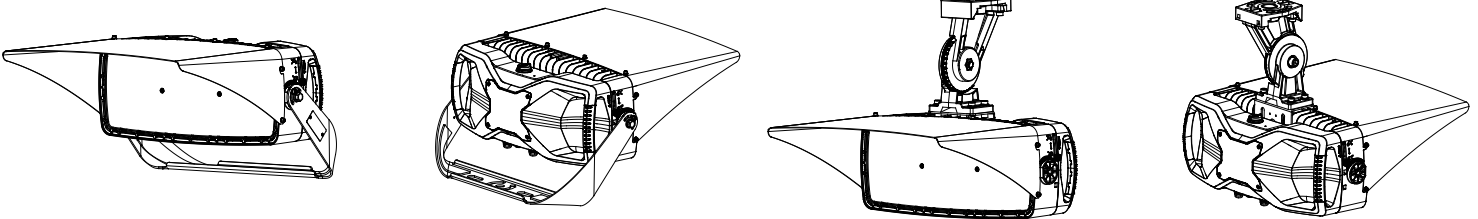
WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

- 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.

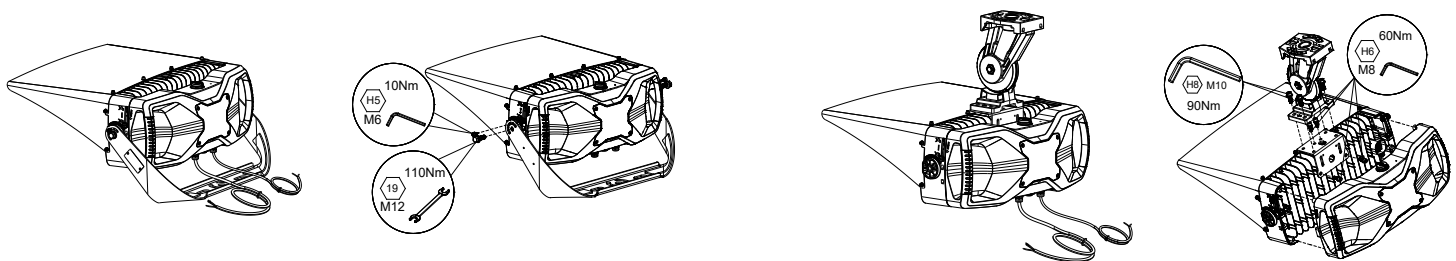
CAUTION: RISK OF INJURY

- 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.

Special Functions Instructions



A.Product Installation Method



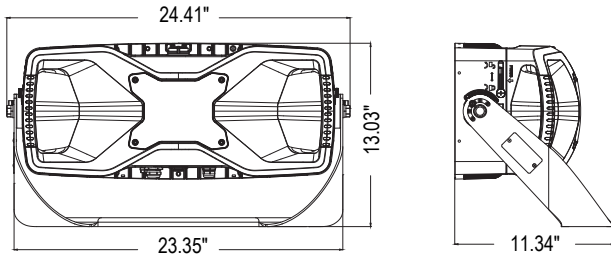
U-bracket

Suspension

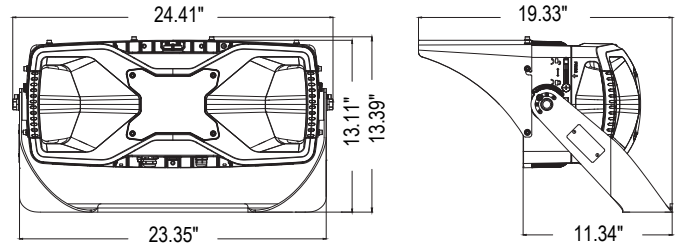
BRIGHTX STADIUM FLOOD LIGHT



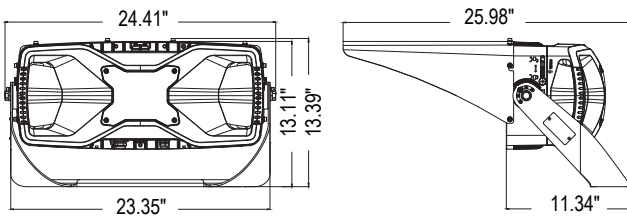
B.Product overview size



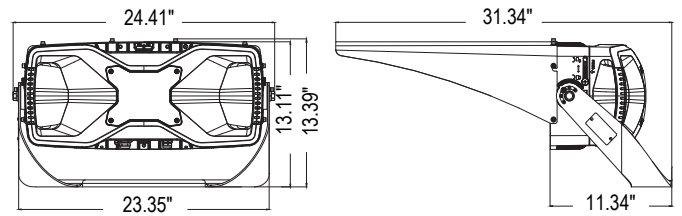
U-bracket



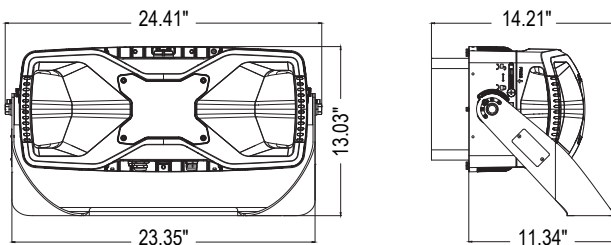
U-bracket with small visor



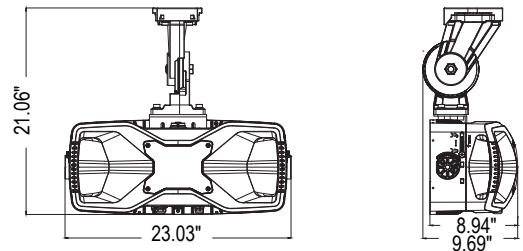
U-bracket with medium visor



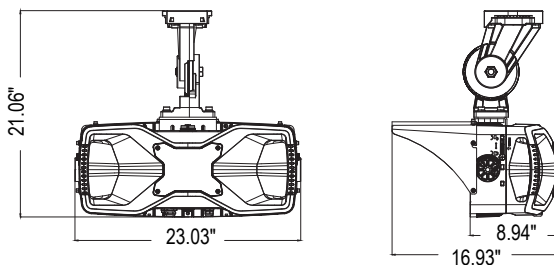
U-bracket with long visor



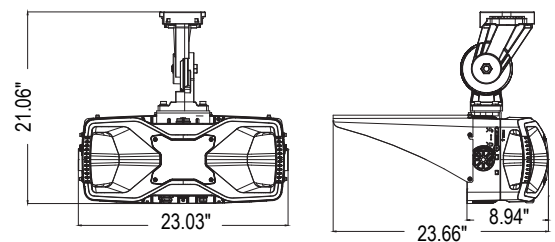
U-bracket with louver



Suspension bracket

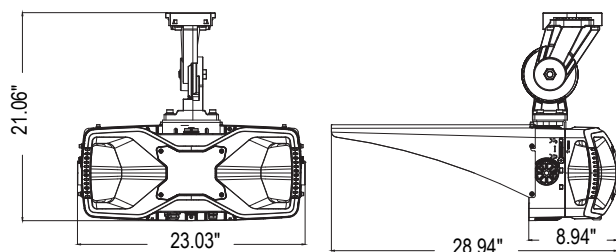


Suspension bracket with small visor

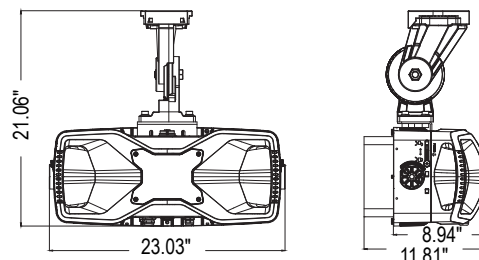


Suspension bracket with medium visor

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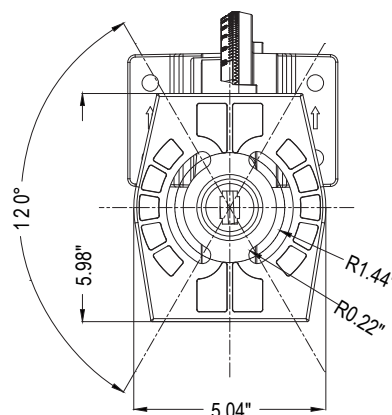
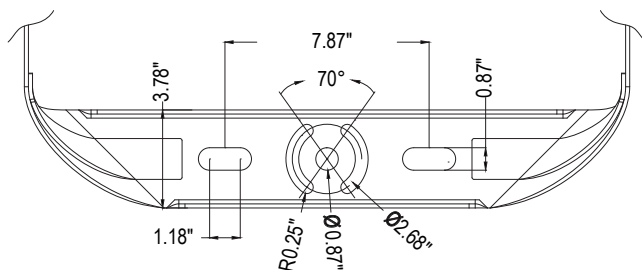


Suspension bracket with long visor

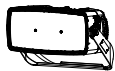



Suspension bracket with louver

Mounting Dimensions




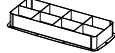


C. Product overview size

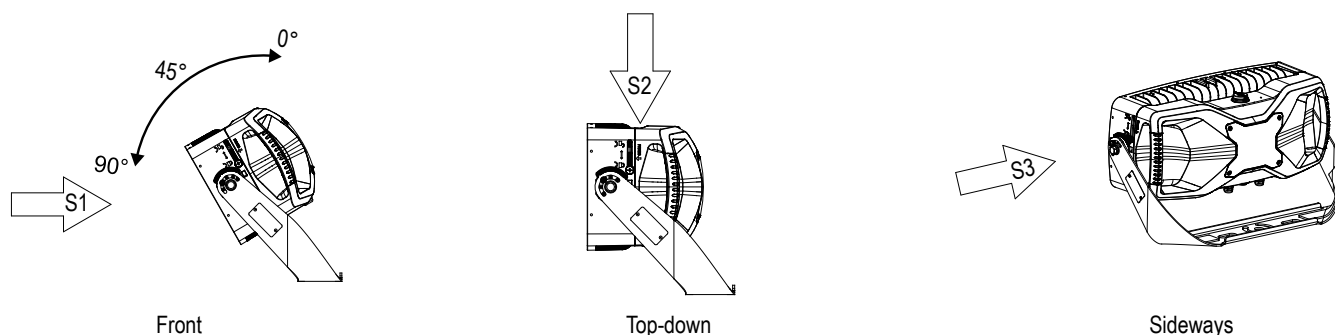
Driver type	Net weight	
	U bracket 	Suspension bracket 
SLK-800-C280	17.2±0.5kg/37.84±1.1lb	17.9±0.5kg/39.38±1.1lb
BLK-810-C280	16.9±0.5kg/37.18±1.1lb	17.6±0.5kg/38.72±1.1lb
BLD-800-C420	17.7±0.5kg/38.94±1.1lb	18.4±0.5kg/40.48±1.1lb
TLD-700-C360	17.9±0.5kg/39.38±1.1lb	18.6±0.5kg/40.92±1.1lb
800FGH420C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

BRIGHTX STADIUM FLOOD LIGHT



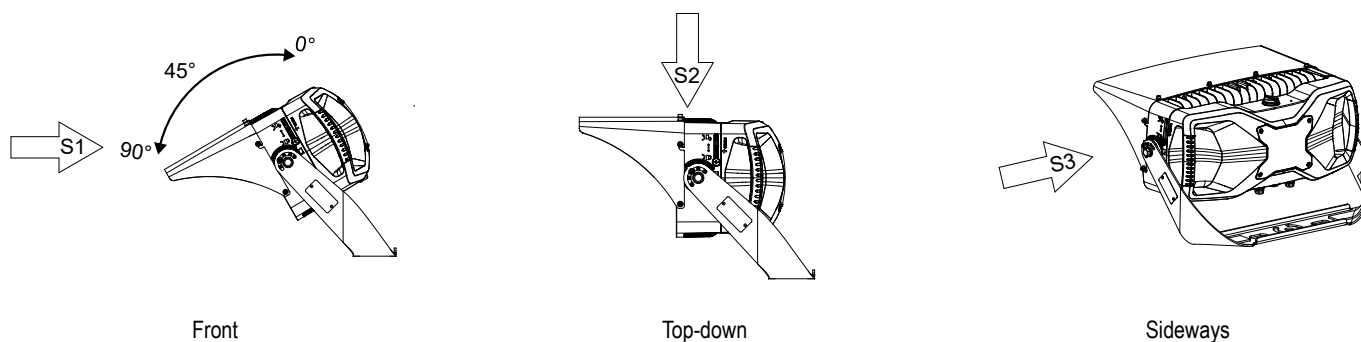
Visor Type		lbs	Visor Type		lbs
Small visor		1.54	Long visor		3.52
Medium visor		2.64	Louver		1.76

D. Effective projected area



Without Visor or Louver

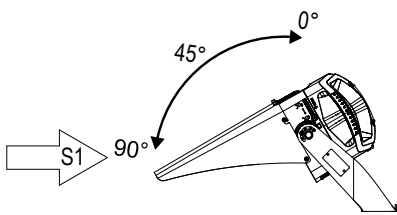
	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S (m ²)	EPA (ft ²)	S(m ²)	C×S (m ²)	EPA (ft ²)	S(m ²)	C×S (m ²)	EPA (ft ²)	S(m ²)	C×S (m ²)	EPA (ft ²)	S(m ²)	C×S (m ²)	EPA (ft ²)
S1	0.1382	0.17	1.78	0.1655	0.20	2.14	0.1672	0.20	2.16	0.1514	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



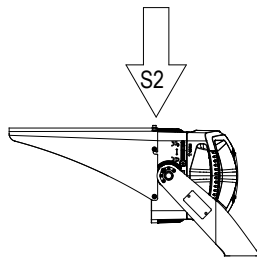
BRIGHTX STADIUM FLOOD LIGHT

With small Visor

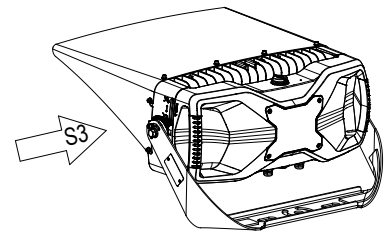
	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.13	1.82	0.1667	0.20	2.15	0.1667	0.20	2.15	0.2128	0.26	2.75	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



Front



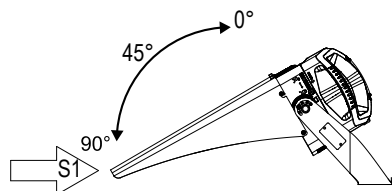
Top-down



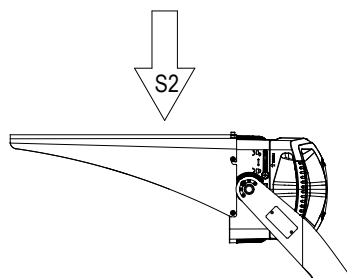
Sideways

With medium Visor

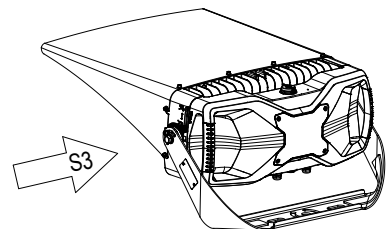
	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.17	1.82	0.1673	0.20	2.16	0.2279	0.26	2.85	0.3039	0.36	3.93	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



Front



Top-down

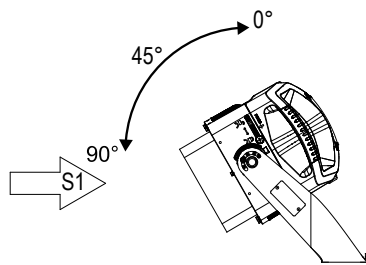


Sideways

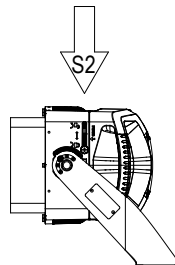
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With small Visor

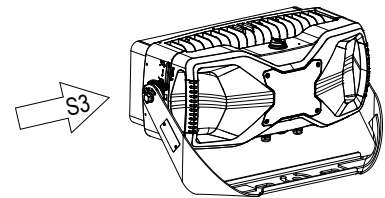
	$\alpha=0^\circ$			$\alpha=30^\circ$			$\alpha=45^\circ$			$\alpha=70^\circ$			$\alpha=90^\circ$		
	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)	S(m ²)	C×S(m ²)	EPA(ft ²)
S1	0.1406	0.17	1.82	0.1945	0.23	2.51	0.2273	0.33	3.58	0.3754	0.45	4.85	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



Front



Top-down



Sideways

With medium 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	0.1382	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

E. Mounting

Minimum s crew requirement

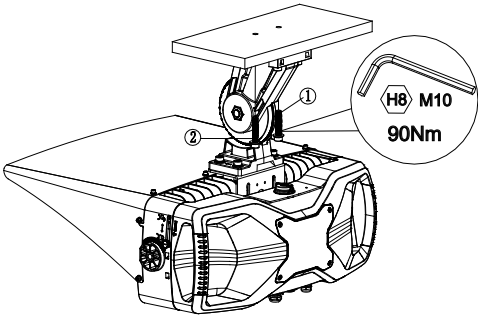
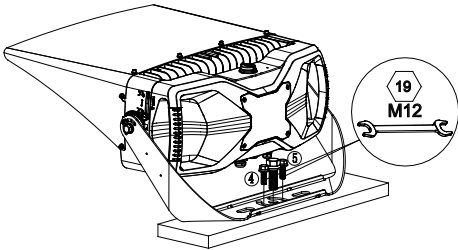
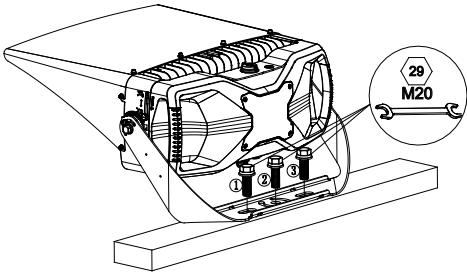
Vibration standard	IEC 0.5g/ANSJ3.0g
Minimum fastener requirement	1x M20/M12 8.8 or A2-70 DIN9021 large plain washer
Tightening torques	1xM20: 200 Nm 2xM20: 140 Nm 2XM12:110 Nm

Recommended to use anti- seizing agent (Tikal Tef- Gel®)!

- 1.If using the Pos.1,the second screw must be in theopposite Pos. 3., and the position 2 is not mandatory.
- 2.If using the Pos.3,the second screw must be in theopposite- Pos.1.,and the position 2 is not mandatory.
- 3.When rotation is desired, position 2 is used, but position 4 and position 5 must be used at the same time. Position 2 screws cannot be used alone.

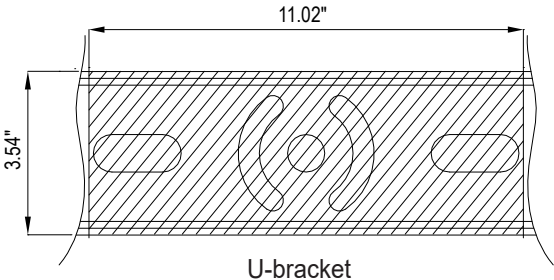
Screws and washers are not included in the package!

The Pos.1 and Pos.2 screw must be necessary
Screws and washers are not included in the package!

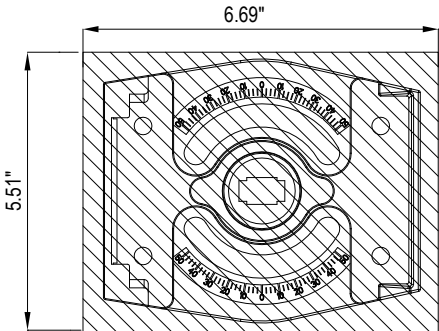


Minimum Surface Contact Area for screw fixation

Fasteners are not included in the package!
Remark: the hatched area always need to be supported by a flat planar mounting surface as minimum.
Wider surface contact is recommended, smaller is not allowed!



U-bracket



Suspension bracket

BRIGHTX STADIUM FLOOD LIGHT

F. Safety Cable

Notice

1. No sharp edges on the interface (bracket or hole) of mounting side.

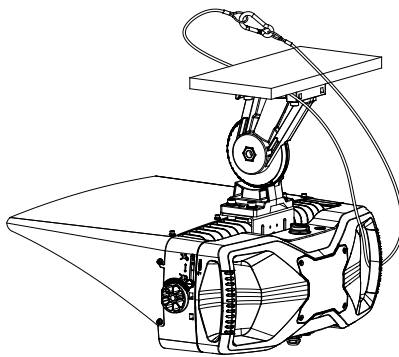
2. The safety chain must be replaced immediately if any of the below scenarios occur:

- The safety chain was stretched at any time due to luminaire falling;
- 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.

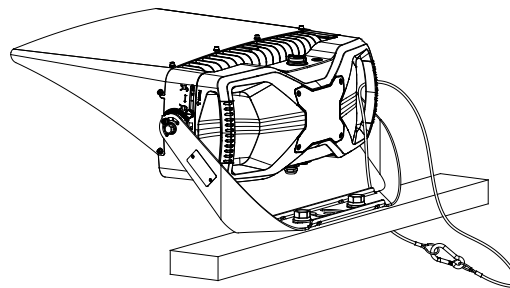
For installations over 3m height: secondary safety system application is mandatory, which is appropriate for the luminaire load (e.g. safety cable) is not included in the package!

Remark: the hatched area always needs to be supported by a flat planar mounting surface as minimum.

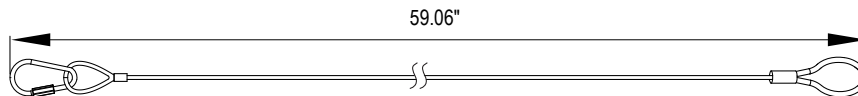
Wider surface contact is recommended, smaller is not allowed!



Suspension bracket

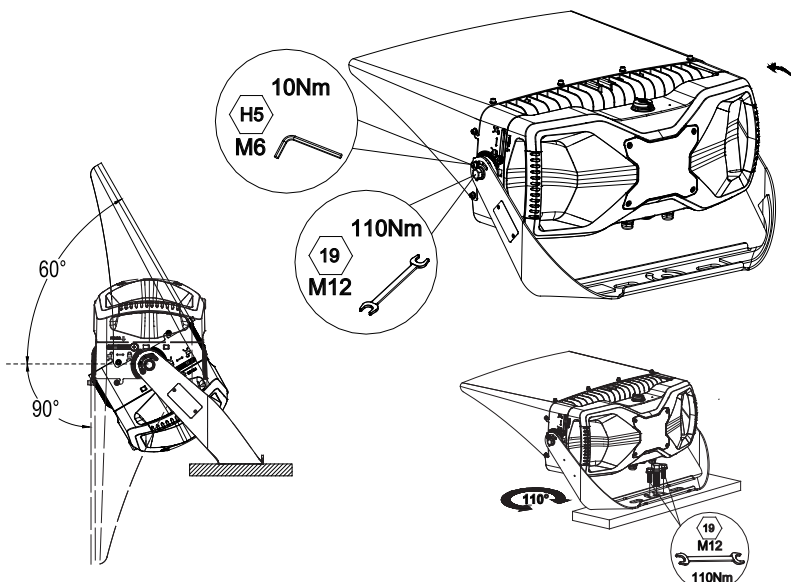


U-bracket

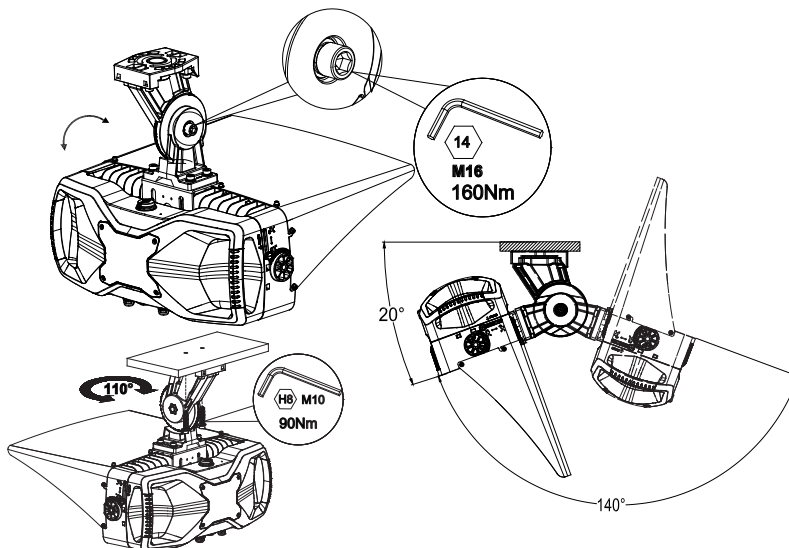


1500mm/59.06inch safety cable is optional if supplied with the luminaire.

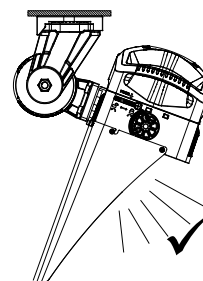
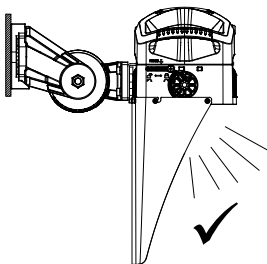
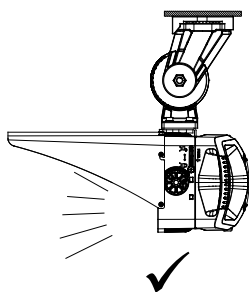
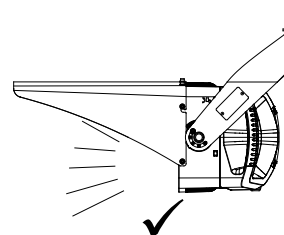
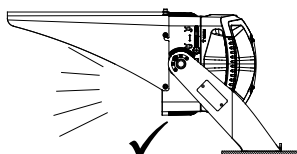
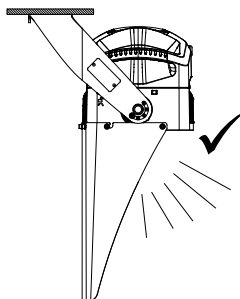
G. Angle Adjustment



BRIGHTX STADIUM FLOOD LIGHT

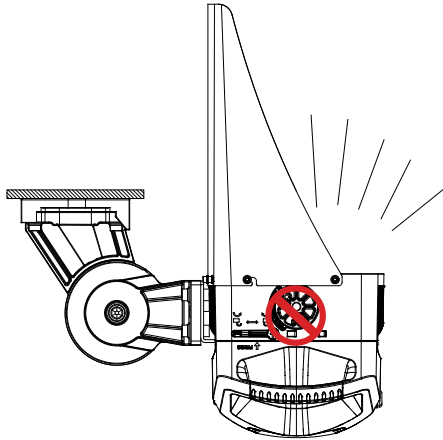


H. Positions Allowed

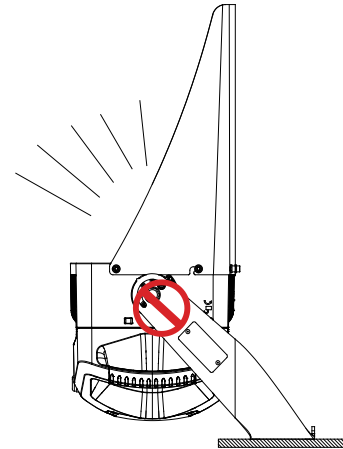


BRIGHTX STADIUM FLOOD LIGHT

I. Positions not Allowed



light facing up is not allowed
(for full flat horizontal)



light facing up is not allowed
(for full flat horizontal)

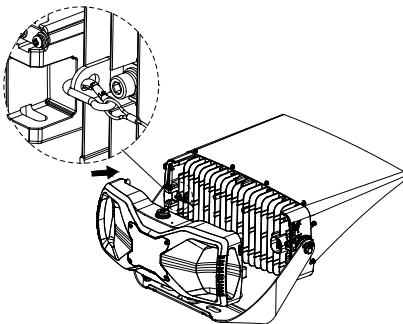
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified person.

If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

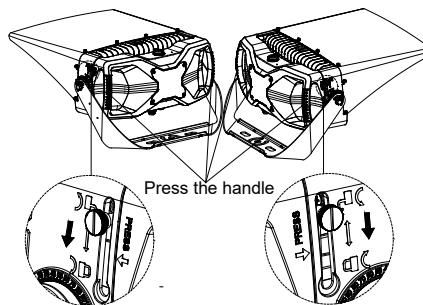
Manufacturer do not liable for any consequences & accident caused by negligence & unauthorized modification & installation work.

J. Gear Installation

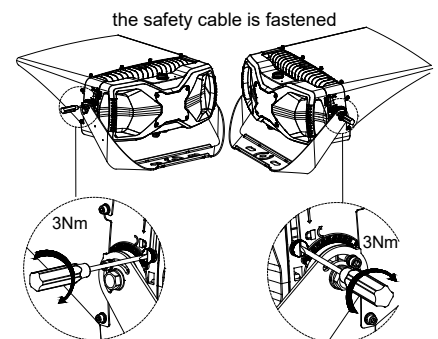
Installation the gear box



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



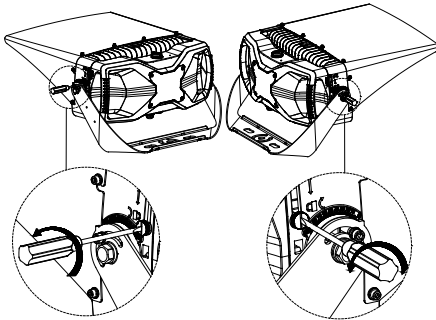
Slide the latch to the slot in the direction of the arrow. Keep the handle pressed down during operation the thumb screw



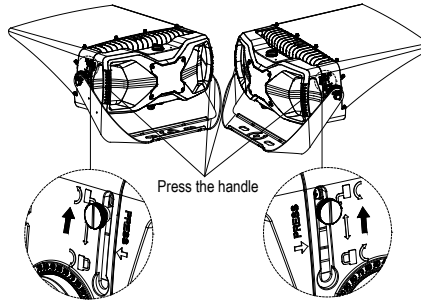
Lock the screw with a screwdriver

BRIGHTX STADIUM FLOOD LIGHT

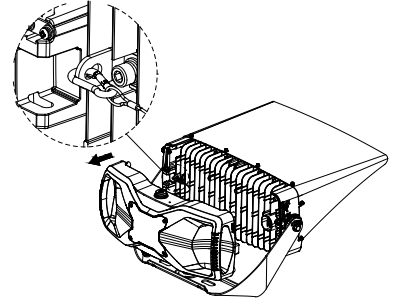
Remove the gear box



Remove screw with screwdriver



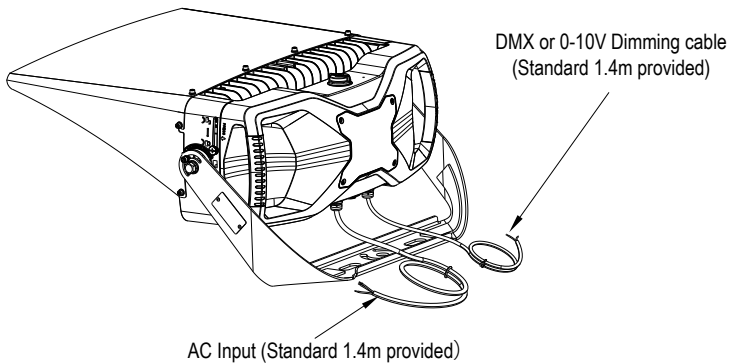
Slide the latch to the slot in the direction of the arrow.
Keep the handle pressed down during operation
the thumb screw



Unhook the safety line, remove the gear box

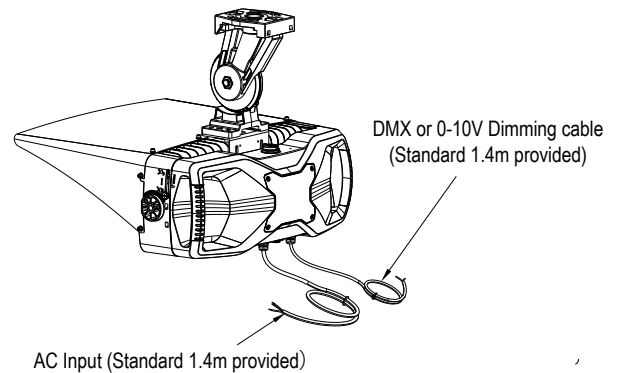
K. Electrical Connection

U-bracket wiring



Caution: Cable length maybe confirmed upon order

Suspension bracket wiring



Caution: Cable length maybe confirmed upon order

BRIGHTX STADIUM FLOOD LIGHT

Cable Types And Cable Gland

Wiring Diagram Three phase

EU	US	cabel		label
Brown	Black	--L1--	□ □ □ □	L1 L1
Blue	White	--L2--	□ □ □ □	L2 L2
Yellow&Green	Green	GND	□ □ □ □	GND GND



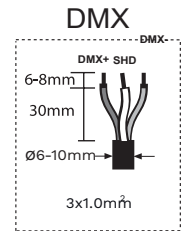
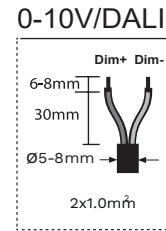
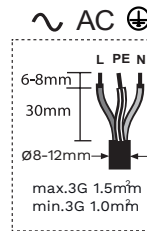
Note: When using a larger external diameter cable, the plug and the smaller inner diameter seal need to be removed. When using a smaller external diameter cable, simply remove the plug.

Wiring Diagram (DMX)

EU	US	cabel		label
Brown	Purple	-- DMX+ --	□ □ □ □	DMX+ DMX+
Blue	Pink	-- DMX- --	□ □ □ □	DMX- DMX-
Black	Black&White	SHD	□ □ □ □	SHD SHD

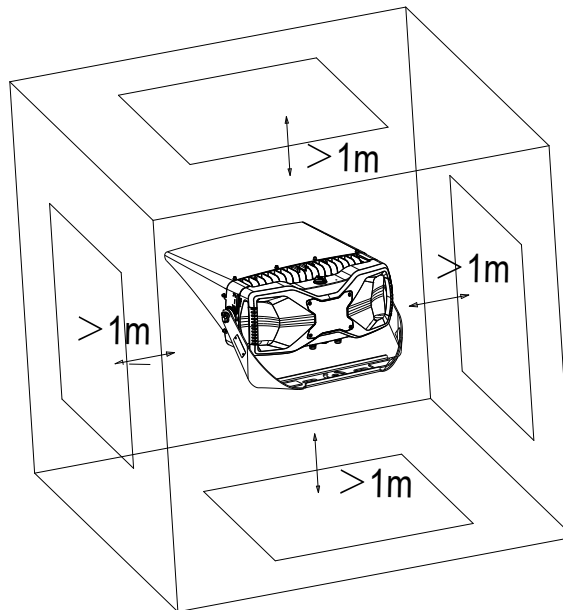
Wiring Diagram (0-10V/DALI)

EU	US	cabel		label
Brown	Purple	-- Dim+ --	□ □ □ □	Dim+ Dim+
Blue	Pink	-- Dim- --	□ □ □ □	Dim- Dim-



L. Recommendations

Surrounding distances

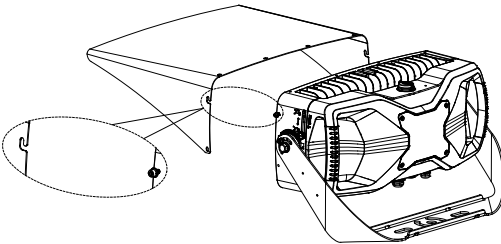


At least 1 meter distance should be kept from surrounding walls, floor, and ceiling for all types of mounting /inclination.

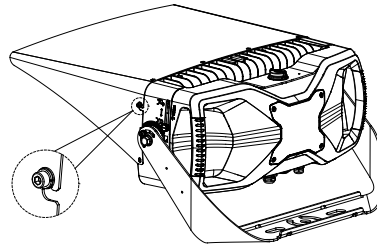
BRIGHTX STADIUM FLOOD LIGHT

M. Accessories - Visor and Louver

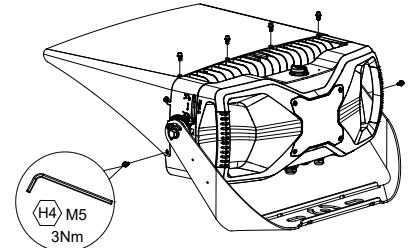
Note: (8x)M5X12mm screws already provided in the carton.



Secure 2 PCS M5 screws into the heat sink.
Do not tighten the screws completely. Leave 4-6mm(0.16"-0.24") inch of screw length for hanging the Visor

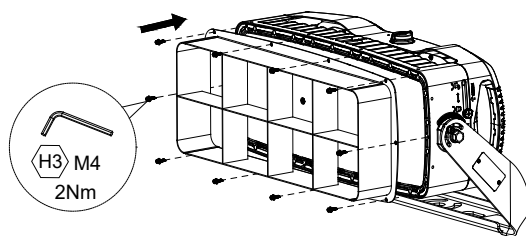


Hooking the L-shaped groove on the Visor to the screw.

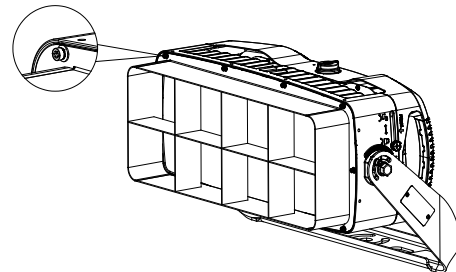


Installing the remaining screws and lock the Visor

Note: Note:(10x)M4X14mm screws already provided in the carton.



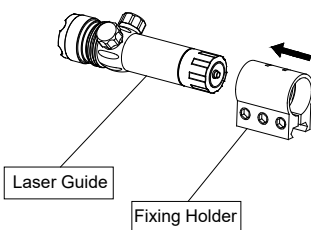
Use screws secure the louver on the heat sink



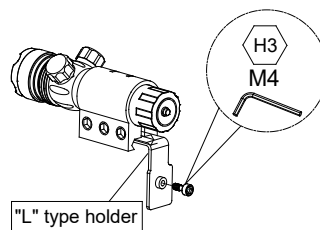
Check the screws whether omissions

N . Aiming Device

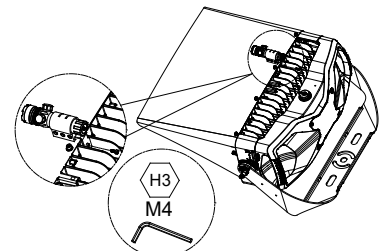
Precision Laser Aiming Device Assembly (Optional Accessory)



Fix the laser guide on the holder



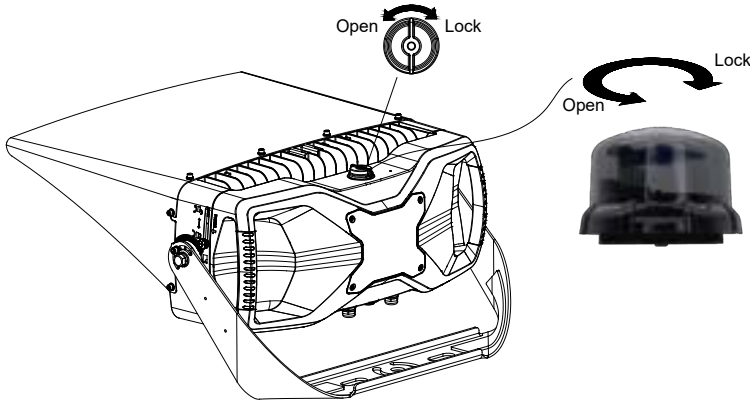
Fix the laser guide on the holder
Lock screw to the holder




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

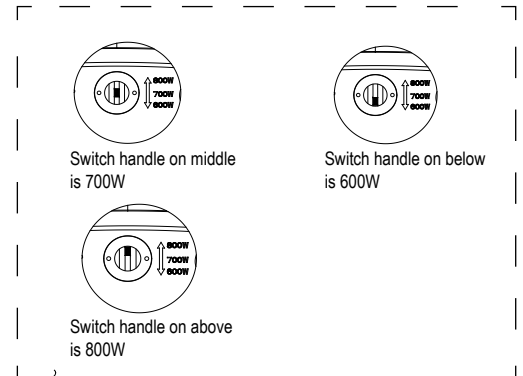
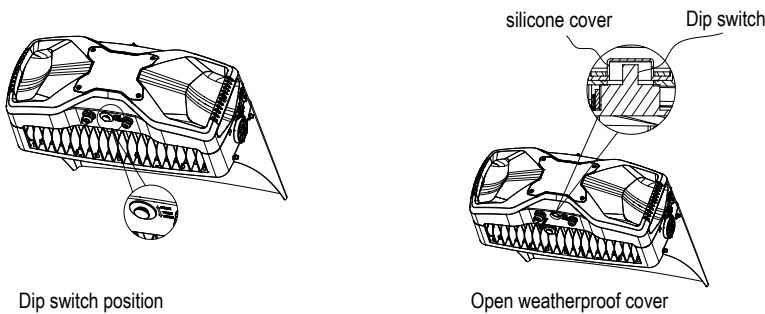
BRIGHTX STADIUM FLOOD LIGHT

O. Zhaga Installation

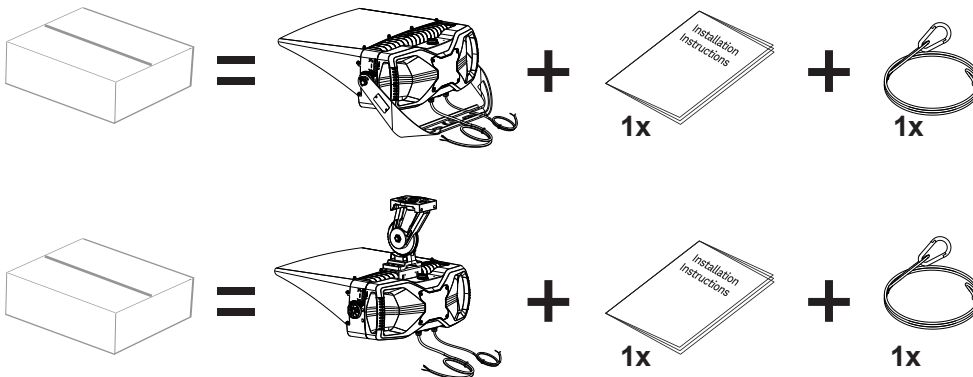



 Sensor and remote control is optional

P. Dip Switch Power Adjustment



Q. Packing Instruction



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

Maintenance & Preventative Maintenance

Fixture Care 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.

Cleaning

1. Clean all luminaires at a minimum of once every 12 months from receipt of your product.
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 cleanser or water may be used periodically.
4. Do not apply cleaners in direct sunlight or at elevated temperatures



Inspection of Hardware

Inspect mounting system and products at least once every 12 months. Replace all rusted hardware elements.

Troubleshooting

If the system appears to not be operating correctly, perform the following steps:

Gather Data

The first step is always to find out as much about the issue as possible. Ask the following questions:

- How many fixtures are not operating correctly? If only one fixture is not responding, continue investigating at that fixture itself. If a group of fixtures are not responding correctly, start at the source of the power or controls for that group.
- Have any obvious external forces been in the area? For instance, were any riggers, electricians, or other workers near the fixtures or controls? Have there been any power disturbances in the facility such as lightning storms?
- Are your fixtures responding according to the input control function? Run the system through some different control scenes, including all on and then all off (blackout mode). Take note of any fixtures not responding correctly to the scenes.

Always disconnect power from the luminaire before opening the driver box.

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.