



GATES SERIES

HIGH PERFORMANCE LED
SPORTS LIGHT

UP TO **2000W MHL REPLACEMENT**

POWER: 315W, 380W, 460W, 580W, 720W



FEATURE GATES PRODUCT



INS-A

Top Fixed
Installation



INS-B

Under Mount Yoke
(with driver box)



INS-C

Under Mount Yoke
(split mode)



INS-D

Yoke Mount

- PC lens arrangement adopts matrix full light cutting design. By adding a concave light retaining wall, excess light can be removed and the effect of receiving & blocking can be achieved. The design scheme can meet users' requirements for light seeing range to a greater extent.
- The overall streamline of the lamp body is beautiful, generous and decent. The back adopts fin type heat dissipation structure, with better heat dissipation effect. Edge sinking design and convection vents, optimize air convection quality, strengthen heat dissipation, fully ensure the life of the lamp.
- Multiple methods of installation and power supply placement to meet different requirements. External or internal power supply.
- Induction mounting hole is reserved. Offer customers more functional options and more convenient for upgrading In the future.
- IP66 protection grade, waterproof structure design+ high resistance wire silicone waterproof ring design, double protection, safer. Better protection of the lamp IP performance.
- Super bracket design, bracket strength can support more than 10 times the weight of the lamp body, the safety factor is higher then counterparts.

PRODUCT FEATURES

- The Gates series LED Stadium Light is designed for exterior sports lighting, a superior high output, high efficiency LED flood light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. It is available in a variety of flood distributions for lighting applications such as large areas, port and rail centers, exterior sports etc.

CONSTRUCTION

- Heavy duty die-cast aluminum housing.
- Driver compartment separated from light fixture, reduced on the gross weight.
- Light engine is thermally isolated from driver compartment.
- UV stabilized polyester powder paint finish.

OPTICAL/ ELECTRIC

- Three light distributions to maximize performance: 15°, 30°, 60°.
- 40°C to 122°F (-40°F to 122°F) average operating temp range.
- 1-10V dimming driver device standard.
- 100-277Vac operation 50/60HZ standard, 347V/480V 50/60Hz optional.

UNIFIED GLARE RATING

- Glare has always been a concern with LED products and it has got increasingly more attention with higher output fixtures. The standard low glare shield block lights outside of the main beam, so from other viewing angles the fixture virtually disappears. The low glare shields were also designed to have minimum impact on the total light output.

FINISH

Rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments.

LED

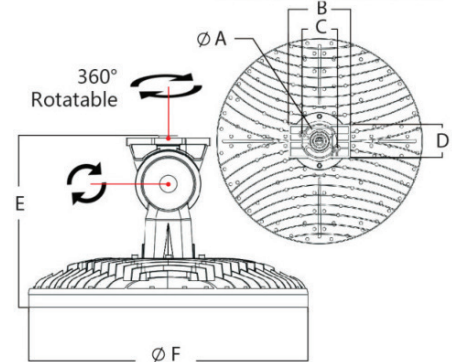
- Modular optical assemblies enable 5 unique performance packages:
- 51 K lumen, 315Watts;
- 60K lumen, 380Watts;
- 75K lumen, 460Watts;
- 95K lumen, 580Watts;
- 112K lumen, 720Watts;
- 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- Minimum CRI of 70, 80 and 90 optional.

up to 170lm/w

Gates Series



FIXTURE DIMENSIONS



	A	B	C
	7.3cm/2.9'	16.5cm/6.5'	9.3cm/3.6'
315W 380W	D	E	F
	9.0cm/3.5'	34.4cm/13.4'	46.8cm/18.3'
460W 580W 720W	A	B	C
	7.3cm/2.9'	7.3cm/2.9'	9.3cm/3.6'
	D	E	F
	9.0cm/3.5'	33.6cm/13.2'	55.0cm/21.6'

WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	MOUNT	HOUSING
315W 380W 460W 580W 720W	NV=100-277V HV=347/480V	L5= Lumileds5050 V2= Lumileds V2	00= Without Sensor DV= Dimmable PH= Photocell	3070=3000K 70CRI 3080=3000K SOCRI 4070=4000K 70CBI 4080=4000K 80CRI 5070=5000K 70CRI 5080=5000K 80CRI 5770=5700K 70CRI 5780=5700K 80CRI	15D= 15" 30D= 30" 60D= 60"	A=Top Fixed Installation B=Under Mount Yoke (with driverbox) C=Under Mount Yoke (split mode) D=Yoke Mount	BK=Black SL=Silver Gray

GameDay Lighting

735 Southwest Blvd Ste B Kansas City KS

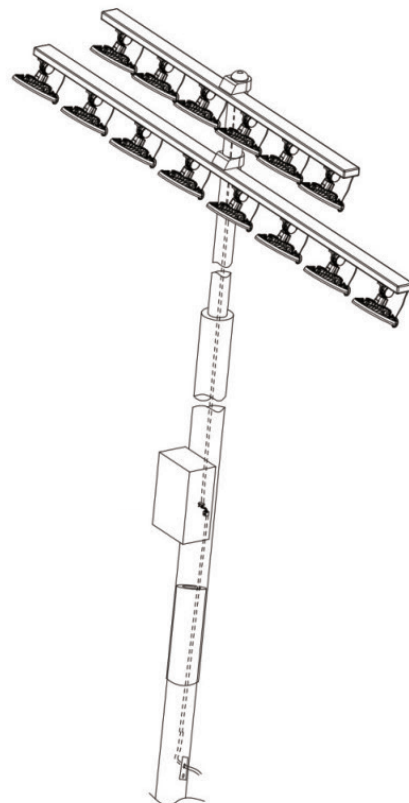
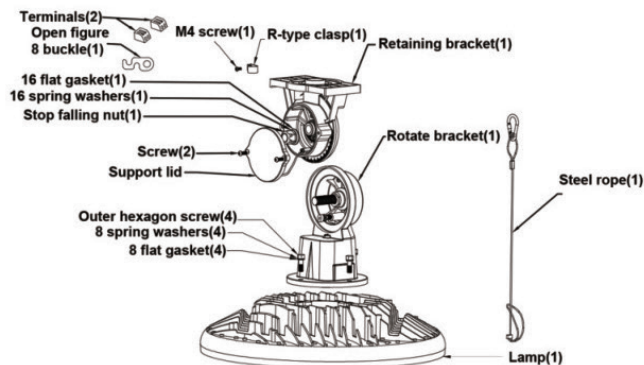
66103 Phone: 913.210.0899

www.gameday.lighting

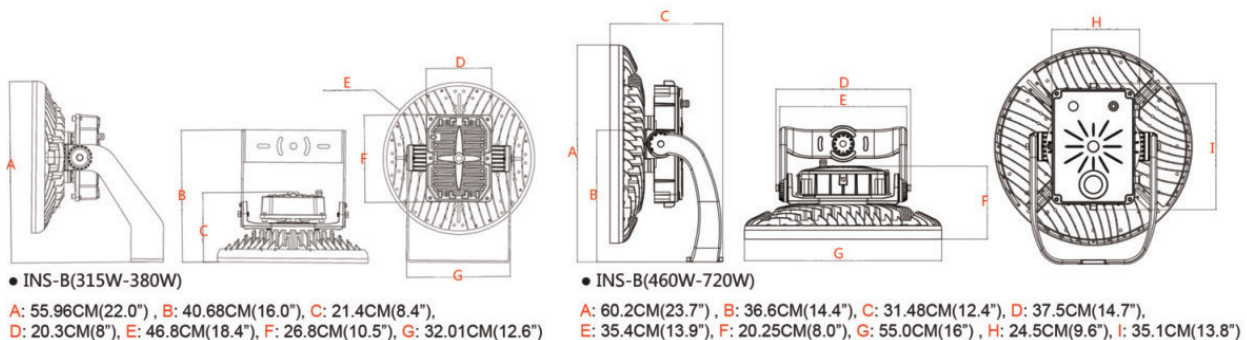
TECHNICAL SPECIFICATIONS

Model	Watts	Luminaire Lumen Output	Replace MHL	IP & Ik	Fixture Dimension	Nw	Packing Dimension	GW
Gates -315W	315W	51030lm	1000W	IP66 & IK10	18.3*18.3*13.4" (46.8*46.8*34.3cm)	30.8lbs (14kg)	21.25*21.25*16.33" (54.0*54.0*41.5cm)	37.5lbs (17kg)
Gates -380W	380W	60800lm	1100W	IP66 & IK10	18.3*18.3*13.4" (46.8*46.8*34.3cm)	30.8lbs (14kg)	21.25*21.25*16.33" (54.0*54.0*41.5cm)	37.5lbs (17kg)
Gates -460W	460W	75900lm	1200W	IP66 & IK10	21.6*21.6*13.2" (55.0*55.0*33.6cm)	39.68lbs (18kg)	24.4*24.4*15.94" (62.0*62.0*40.5cm)	47.4lbs (21.5kg)
Gates -580W	580W	95700lm	1500W	IP66 & IK10	21.6*21.6*13.2" (55.0*55.0*33.6cm)	39.68lbs (18kg)	24.4*24.4*15.94" (62.0*62.0*40.5cm)	47.4lbs (21kg)
Gates -720W	720W	112320lm	2000W	IP66 & IK10	21.6*21.6*13.2" (55.0*55.0*33.6cm)	39.68lbs (18kg)	24.4*24.4*15.94" (62.0*62.0*40.5cm)	47.4lbs (21.5kg)

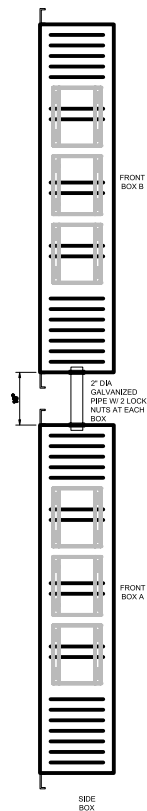
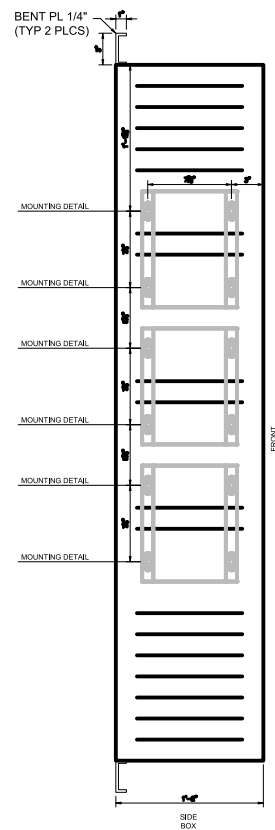
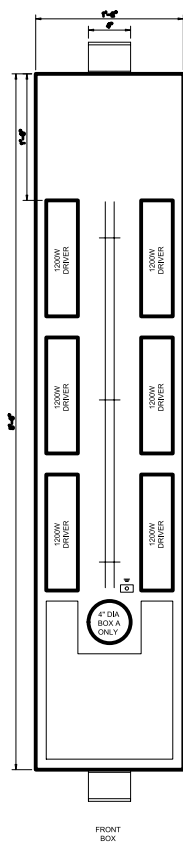
STANDARD INSTALLATION



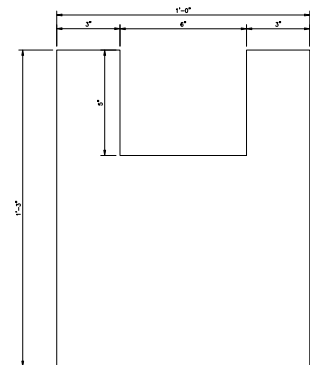
GATES B BRACKET



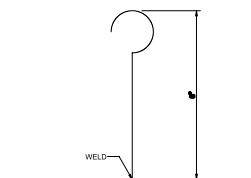
REMOTE DRIVER BOX DETAIL



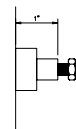
MOUNTING LAYOUT



ELECTRICAL PLATE DETAIL
1" OFF BACK OF BOX

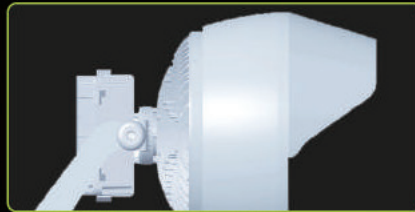


WIRE HARNESS DETAIL
-HOOK TO HOLD WIRES



MOUNTING DETAIL
THREADED FOR 1/4"-20
MACHINE SCREWS

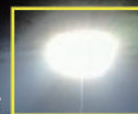
INDIVIDUAL ANTI-GLARE OPTIC TECHNOLOGY



- < Each Optic lens is sink-in design with thread to reduce spill light and glare.
- < Different low glare shields optional to reduce glare with minimal effect on light output.



- < Comfortable, uniform lighting effect.
- < No upper light pollution, better visual experience.

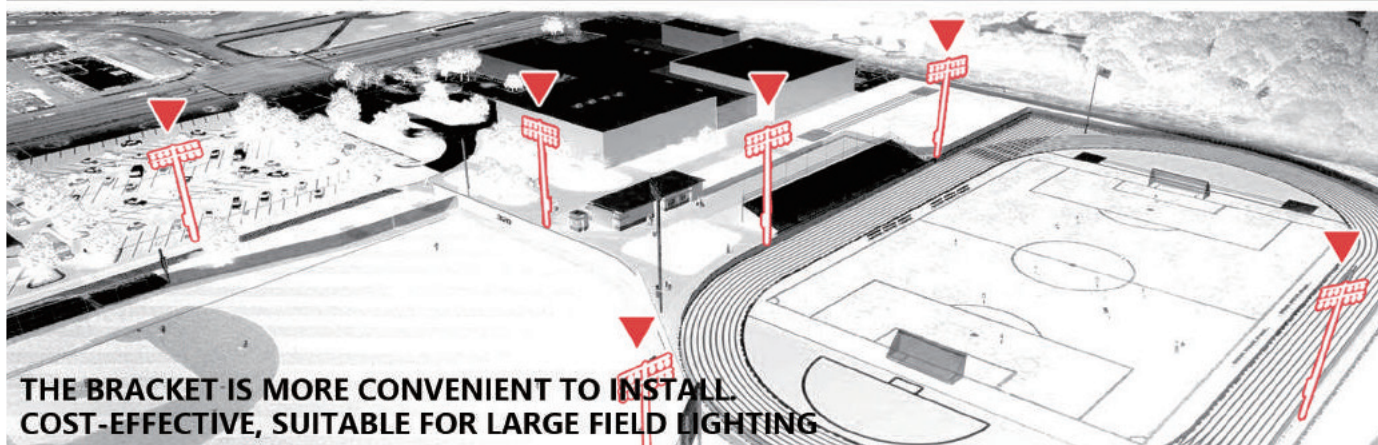


Glare >

Light spills out >

SINGLE STAFF INSTALLATION AND MAINTENANCE

- SPLIT POWER SUPPLY INSTALLATION
- EASY TO UPGRADE PRODUCTS
- AVOID POWER DAMAGE BY THUNDER



THE BRACKET IS MORE CONVENIENT TO INSTALL.
COST-EFFECTIVE, SUITABLE FOR LARGE FIELD LIGHTING