Stadium/Sport LED Light

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....



600W



1200W

FEATURES

- IP65 rated, 10KV Surge Protection. with Japanese LED chip.
- Robust aluminum housing and easy access wire.
- Corrosion and rust proof
- 50,000 hours life time, DLC PREMIUM

SUITABLE APPLICATIONS

- Gymnasium lighting
- Square plaza lighting
- Sea Port lighting
- Airport lighting
- High mast and Contour lighting

CONSTRUCTION:

Heavy die-casting aluminum alloy housing with bronze powder-coated finish. high reflection COB CUPS and toughened glass lens .

ELECTRICAL:

Available as 100-305V/480V input. -20°C to 45°C.

OPTICAL SYSTEM:

High brightness Citizen COB LED chips.
Default 38deg, 15/23/38/45/60° beam angle Optional.

INSTALLATION&MOUNTING:

Angle-adjustable U bracket by mounting heights 15 to 30ft.

WARRANTY:

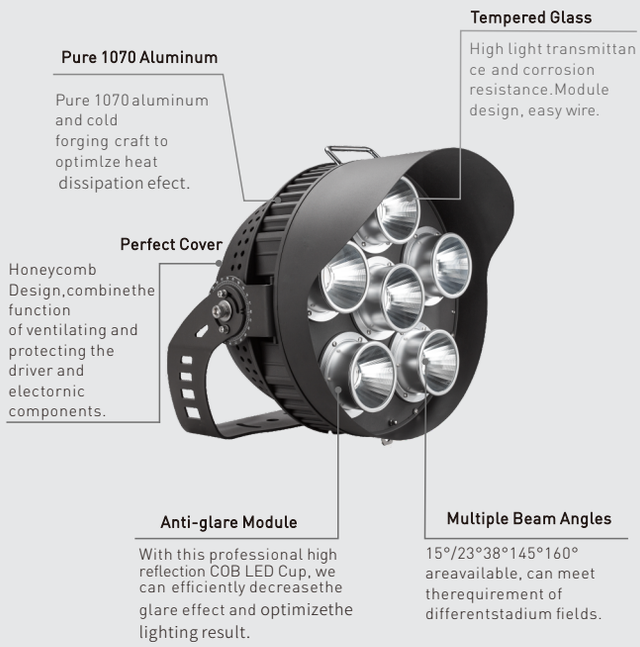
5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	PowerFactor	Wattage	Voltage/CurrentInput			Light Efficiency	Kelvin Options
			120V	277V	480V		
LS-STU600W	0.92	600W	5.0A	2.16A	1.25A	130LM/W	5000K
LS-STU720W	0.92	720W	6.0A	2.59A	1.50A	130LM/W	5000K
LS-STU960W	0.92	960W	8.0A	3.46A	2.00A	130LM/W	5000K
LS-STU1200W	0.92	1200W	10.0A	4.33A	2.50A	130LM/W	5000K

LED SION
LIGHTING

Features



PRODUCT ORDERING GUIDE

LS-STU600W
1 2 3

LS - STU 600W

☑ LS LEDSION

☑ STU Stadium

☑ 600W Power 600W ☐ 720W Power 720W

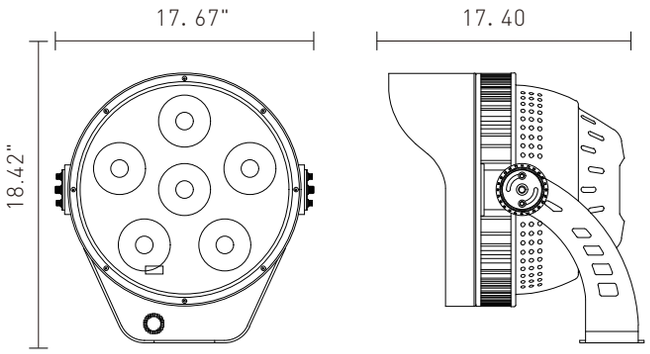
☐ 960W Power 960W ☐ 1200W Power 100W

Electric Characteristic

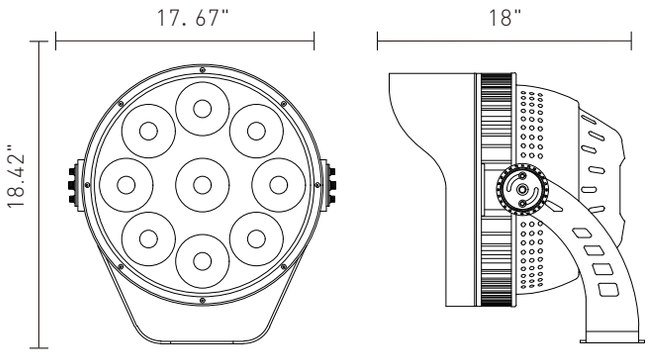
Specification/Model	LS-STU600W	LS-STU720W	LS-STU960W	LS-STU1200W
LED Driver	UL listed INVENTRONICS EUM Series			
Input power	600W	720W	960W	1200W
Lumens output	78000LM	93600LM	124800LM	156000LM
Efficiency	130LM/W	130LM/W	130LM/W	130LM/W
CRI	＞72	＞72	＞72	＞72
Color Temperature	5000K	5000K	5000K	5000K
Input voltage	100-305V/480VAC	100-305V/480VAC	100-305V/480VAC	100-305V/480VAC
Light distribution type	15/23/38/45/60D	15/23/38/45/60D	15/23/38/45/60D	15/23/38/45/60D
Working temperature	-20+45℃	-20+45℃	-20+45℃	-20+45℃
Junction temperature	＜75℃	＜75℃	＜75℃	＜75℃
lamps efficiency	⩾90%	⩾90%	⩾90%	⩾90%
Certificate	ETL DLC	ETL DLC	ETL DLC	ETL DLC
Equivalent	1200-2000W MH/HPS	2000-2300W MH/HPS	2300–3000W MH/HPS	3000-4000W MH/HPS

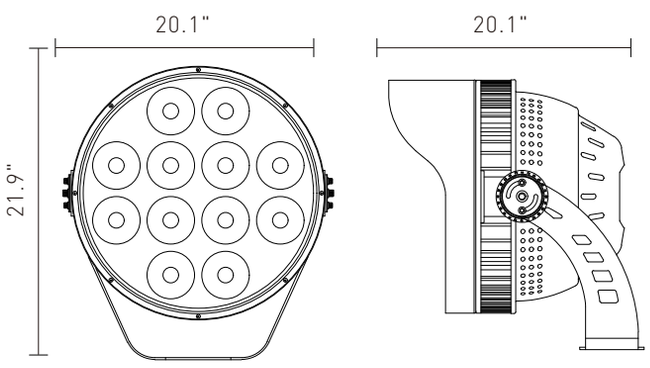
DIMENSION

600W

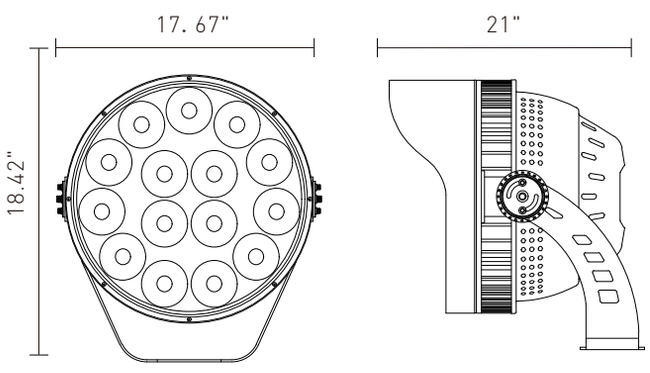


720W





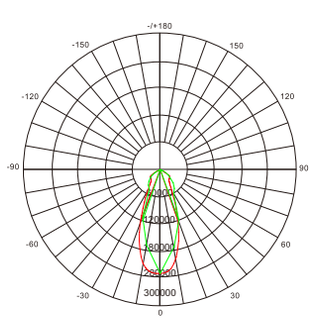
960W



1200W

DISTRIBUTION DIAGRAM

LS-STU600W



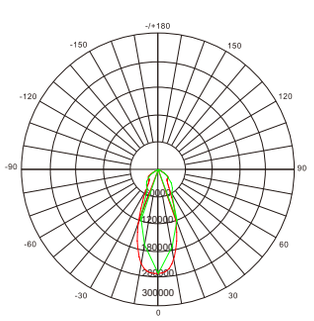
AVERAGE BEAM ANGLE(50%): 38°

UNIT:CD

Test Number:LS-STU600W
Lumens:78000LM
Test Number:600W
Test Number:5000K

C0/180,37.2
C30/210,35.6.1
C60/240,37..6
C90/270,40.9

LS-STU720W



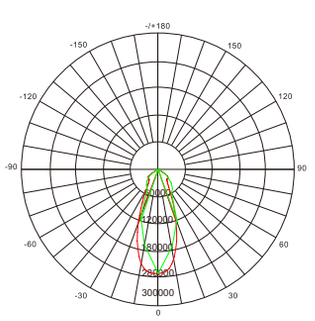
AVERAGE BEAM ANGLE(50%): 38°

UNIT:CD

Test Number:LS-STU720W
Lumens:93600LM
Test Number:720W
Test Number:5000K

C0/180,37.2
C30/210,35.6.1
C60/240,37..6
C90/270,40.9

LS-STU960W



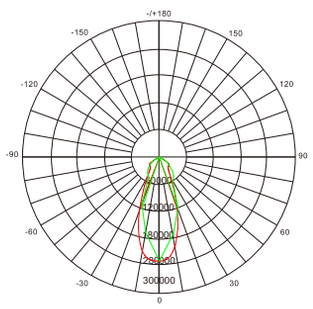
AVERAGE BEAM ANGLE(50%): 38°

UNIT:CD

Test Number:LS-STU960W
Lumens:124800LM
Test Number:960W
Test Number:5000K

C0/180,37.2
C30/210,35.6.1
C60/240,37..6
C90/270,40.9

LS-STU1200W



AVERAGE BEAM ANGLE(50%): 38°

UNIT:CD

Test Number:LS-STU1200W
Lumens:156000LM
Test Number:1200W
Test Number:5000K

C0/180,37.2
C30/210,35.6.1
C60/240,37..6
C90/270,40.9