



Stadium/Sport LED Light



600W



1200W

Date:..... Location:

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

Quantity:..... Catalog#

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

Features

Pure 1070 Aluminum

Pure 1070 aluminum and cold forging craft to optimize heat dissipation effect.

Tempered Glass

High light transmittance and corrosion resistance. Module design, easy wire.

Perfect Cover

Honeycomb Design, combine the function of ventilating and protecting the driver and electronic components.

Anti-glare Module

With this professional high reflection COB LED Cup, we can efficiently decrease the glare effect and optimize the lighting result.

Multiple Beam Angles

15°/23°/38°/45°/60° are available, can meet the requirement of different stadium fields.



PRODUCT ORDERING GUIDE

LS-STU600W

1 2 3

LS - STU 600W

☒ LS LEDSION

☒ STU Stadium

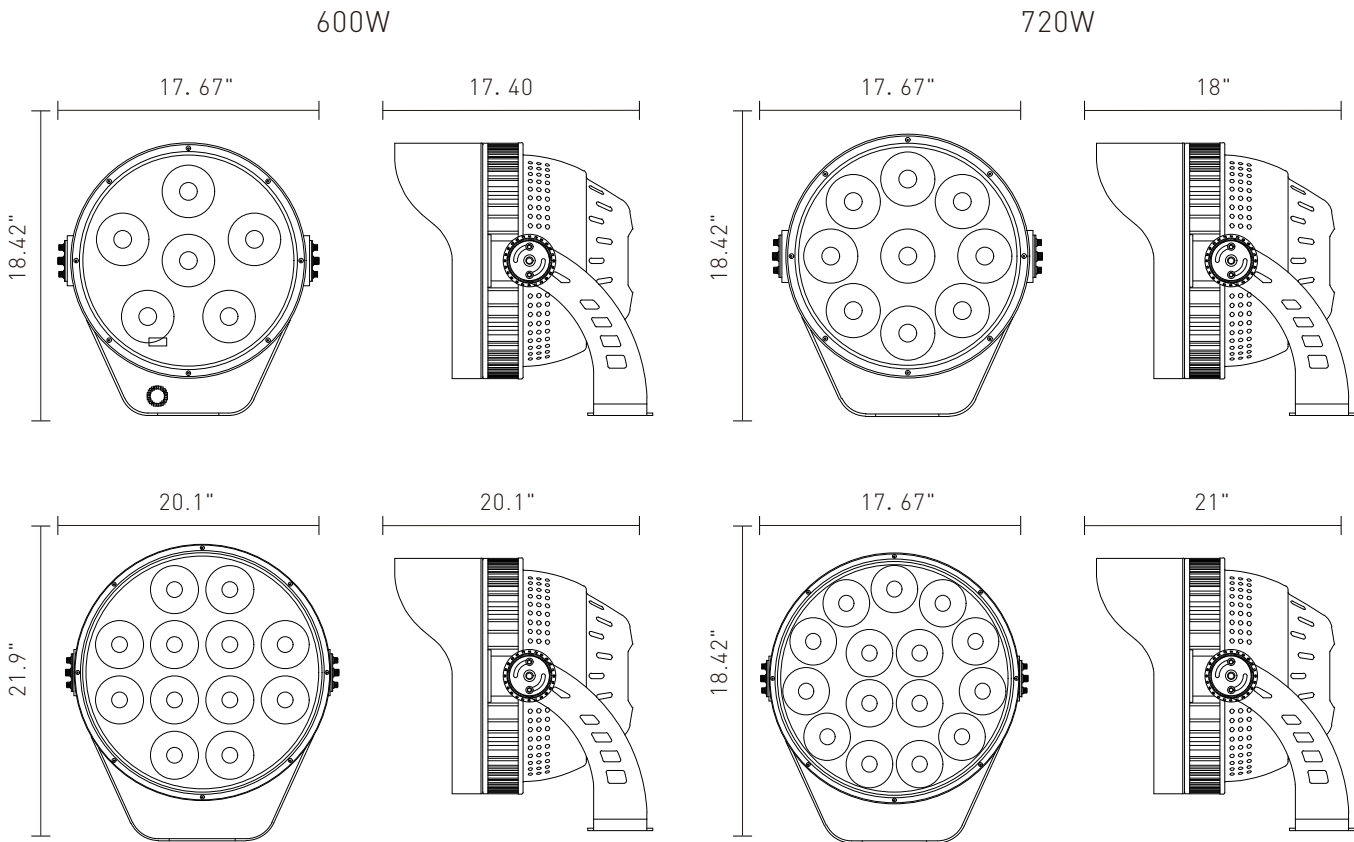
☒ 600W Power 600W ☐ 720W Power 720W

☐ 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

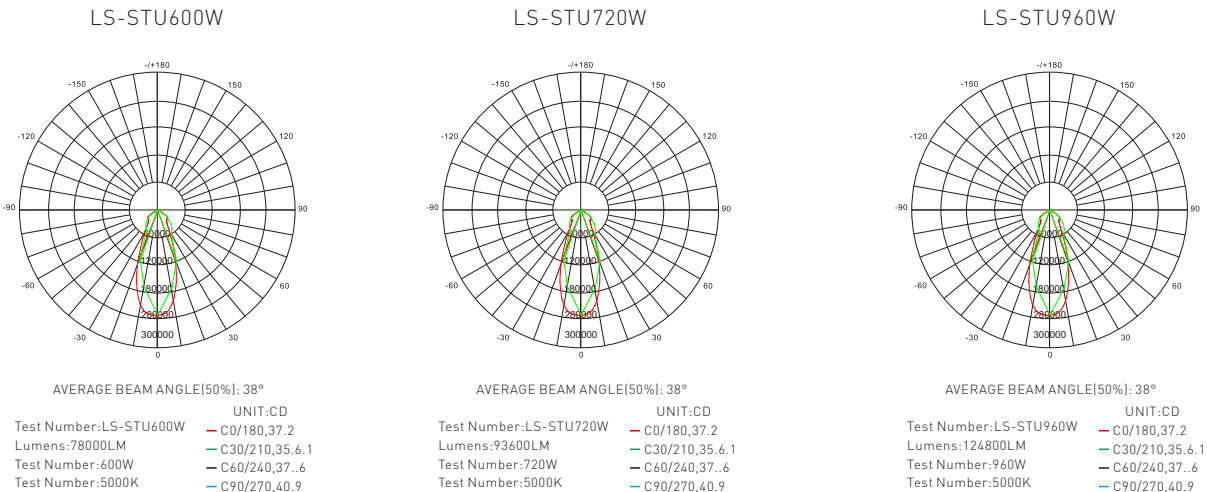
DIMENSION



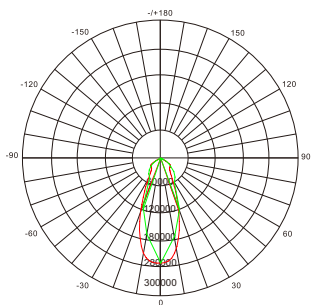
960W

1200W

DISTRIBUTION DIAGRAM



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
— C60/240,37.6
— C90/270,40.9