

iGLO LED LED SPORT LIGHT – 750W

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

iGLOLED

IGLOLED.NET



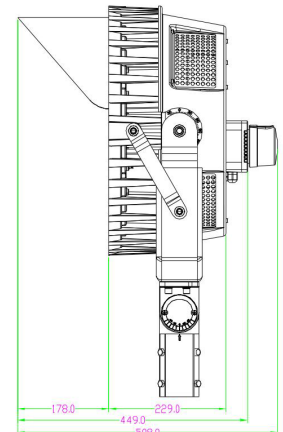
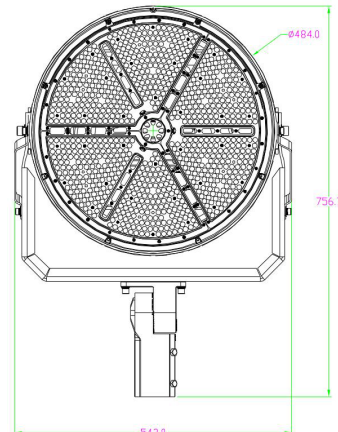
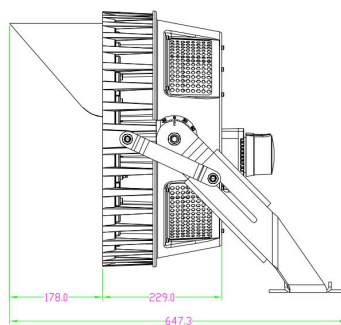
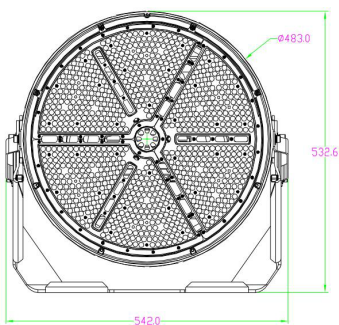
Features

- UL cUL certificate
- Input voltage 120-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current lever can be adjusted through output cable with 0-10V.



Application

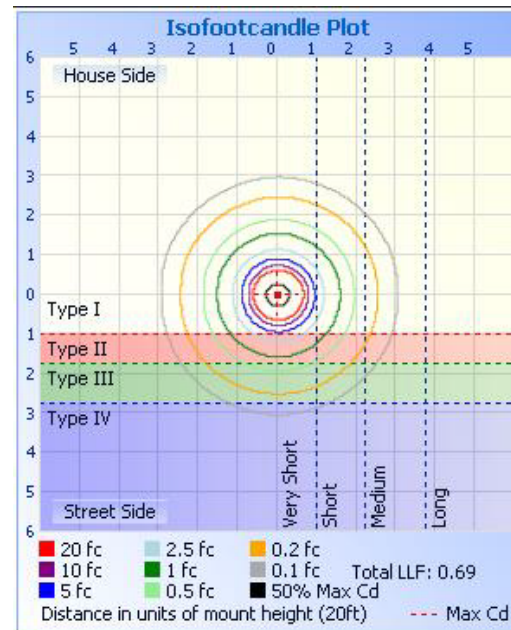
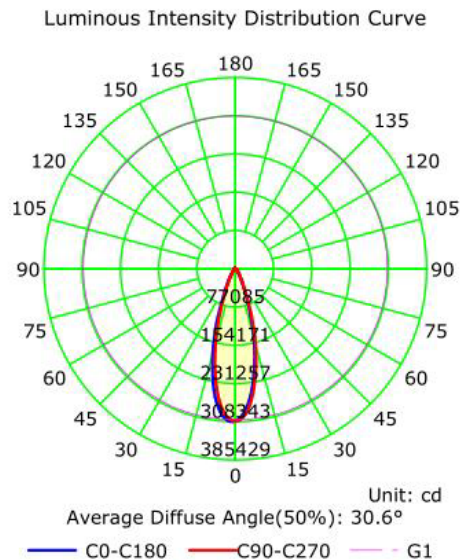
- Gymnasium
- Square plaza
- Shipyard
- Airport
- wharf
- High mast
- Contour lighting, etc.



PRODUCT SPECIFICATIONS

iGLO LED SPORT LIGHT – 750W	GL750WSPSN4000KUDX GL750WSPSN4500KUDX GL750WSPSN5000KUDX GL750WSPSN5700KUDX			
Input Power (Tolerance : ±10%)	750W			
Color Temperature	4000K	4500K	5000K	5700K
Lumen (Tolerance : -10%)	101250 LM	102000 LM	102750 LM	103500LM
Efficacy (Tolerance : -3%)	135 LM/W	136 LM/W	137LM/W	138 LM/W
CRI	>70			
Color Consistency	<6 Steps (or <6 SDCM)			
BUG	B5-U0-G5			
Distribution Pattern	NEMA:4/NEMA:6/NEMA:7			
Beam Angle (50%) (Tolerance : ±15%)	30° (Optional:20° /40° /60°)			
Input Voltage and Frequency	120-277VAC, 50/60Hz			
PF (Tolerance : -3%)	≥0.9			
THD (Tolerance : +5%)	≤20%			
Flicker Percent	<5%			
Driver Brand	SOSEN			
Driver Model	SS-240VP-56BH*3PCS			
Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
Dimming	0-10V dimming standard			
Sensor Type	Daylight Sensor, Integral Sensor Receptacle			
Optional Accessory	Sensor Receptacle+Photosensor /Sensor Receptacle+Short Cap , Surge-protective Device, Power adjustable (3 Step:750W-600W-450W)			
LED Brand	Bridgelux			
LED Type	SMD3030			
LED QTY	840 PCS			
Housing	Die-cast aluminum			
Housing Color	Black,Bronze, or Customized			
EPA	2.4 ft²			
Waterproof Rating	WET (IP65)			
Operating Temperature	-40℃ TO 45℃			
Storage Temperature	-40℃ TO 80℃			
Operating Humidity	20% - 90% RH			
Storage Humidity	10% - 95% RH			
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃.			

PHOTOMETRIC DATA



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.6 V

Power: 769.90 W

Current: 6.389 A

Power Factor: 0.998

Photometric Results

CIE Class: Direct

Measurement Flux: 112688.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H56.2,H30.9

Vertical Diffuse Angle(10%,50%): V56,V30.4

Luminaire Efficacy Rating (LER): 146.42

Max. Intensity: 308343.44 cd

S/MH(C0/C180): 0.51

Total Rated Lamp Lumens: 112688.1 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 307192.16 cd

Pos of Max. Intensity: H180 V1

S/MH(C90/C270): 0.50

NOTICE FOR USER

- Please turn off the power before installing or changing assembly parts.
- The input voltage and lamps should be matched after connecting the power line.
- Please make sure the wiring section is insulated.
- Non-professionals must not install and disassemble the lamps.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.