

iGLO LED SPORT LIGHT – 500W

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

iGLOLED

IGLOLED.NET

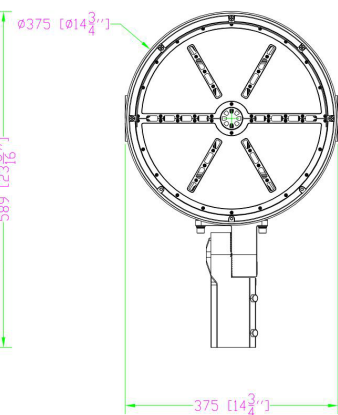
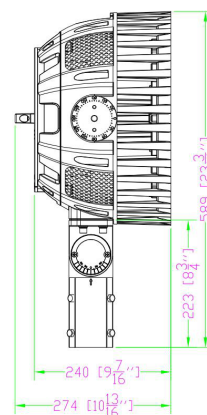
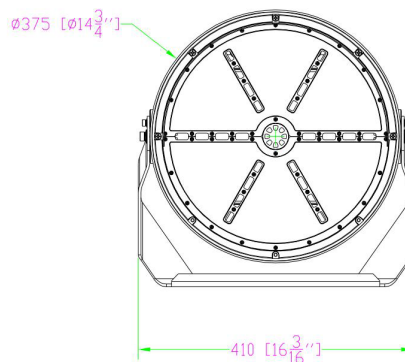
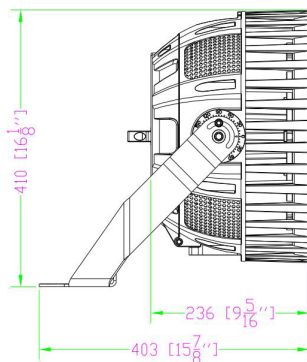


Features

- UL cUL DLC-V5.1(Premium) 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

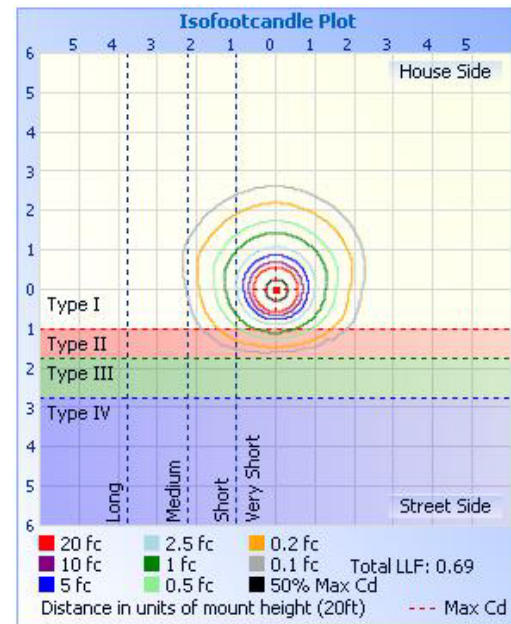
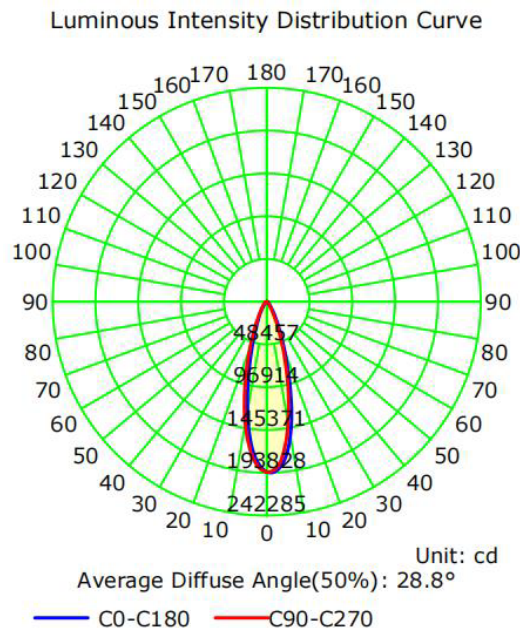
- Gymnasium
- Square plaza
- Shipyard
- Airport
- wharf
- High mast
- Contour lighting, etc.



PRODUCT SPECIFICATIONS

iGLO LED SPORT LIGHT – 500W				
DLC Listing: AST-SP04-500S1PS2A1-acdeg				
Input Power (Tolerance : ±10%)	500W			
Color Temperature	4000K	4500K	5000K	5700K
Lumen (Tolerance : -10%)	66000 LM	66500 LM	66500 LM	66500 LM
Efficacy (Tolerance : -3%)	132 LM/W	133 LM/W	133 LM/W	133 LM/W
CRI	>70			
Color Consistency	<6 Steps (or <6 SDCM)			
BUG	B5-U0-G3			
Distribution Pattern	NEMA:4			
Beam Angle (50%) (Tolerance :	30°			
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			
Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
Dimming	0-10V dimming standard			
Optional Accessory	Sensor Receptacle+Photosensor /Sensor Receptacle+Short Cap /Surge-protective Device			
LED Brand	Bridgelux			
LED Type	SMD3030			
LED QTY	504 PCS			
Housing	Die-cast aluminum			
Housing Color	Black,White,Bronze or Customized			
EPA	1.6 ft²			
Waterproof Rating	WET (IP65)			
Operating Temperature	-40°C TO 45°C			
Storage Temperature	-40°C TO 80°C			
Operating Humidity	20% - 90% RH			
Storage Humidity	10% - 95% RH			
Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.			

PHOTOMETRIC DATA



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 4.240 A
Power Factor: 0.998

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 507.81 W

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 67168.0 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 192882.02 cd
Pos of Max. Intensity: H0 V1

Longitudinal Classification: Very Short
Measurement Flux: 67168 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 132.32
Max. Intensity: 193828.19 cd

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.