

iGLO LED SPORTS LIGHT - 300W/400W/500W

ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

iGLOLED
IGLOLED.NET

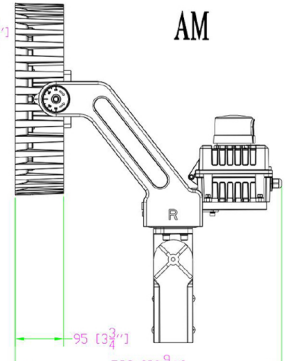
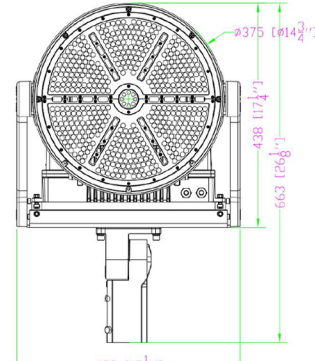
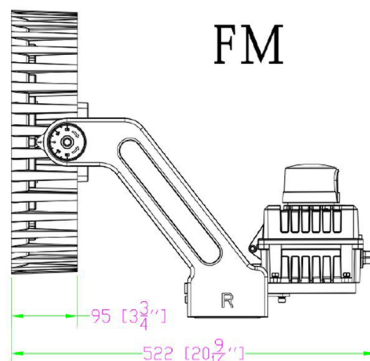
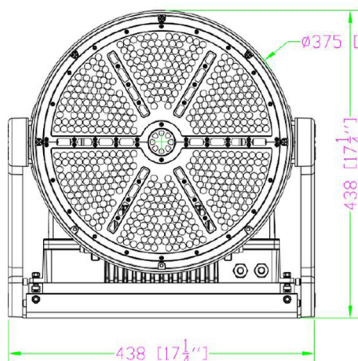


Features

- UL cUL DLC-V5.1(Premium) certificate
- Wattage Adjustable
- 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

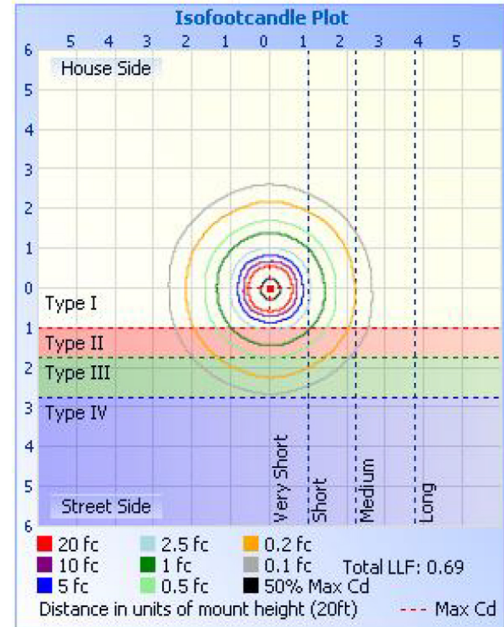
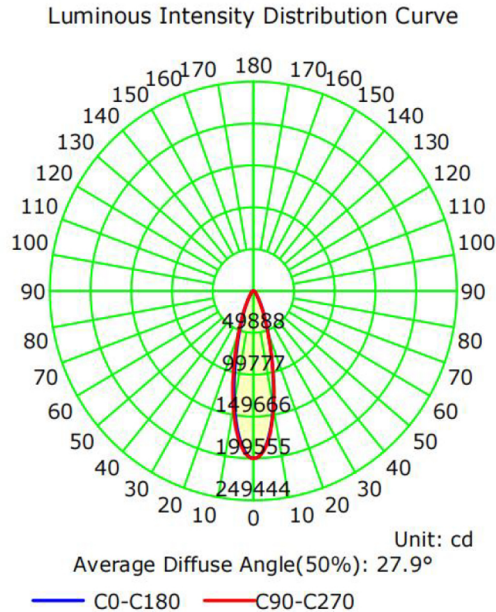
- Gymnasium
- Square plaza
- Shipyard
- Airport
- wharf
- High mast
- Contour lighting, etc.



PRODUCT SPECIFICATIONS

iGLO LED SPORTS LIGHT - 300W/400W/500W DLC Listing: AST-SP06-500T2PS3A1-acdWfg				
Input Power (Tolerance : $\pm 10\%$)	300W/400W/500W (Wattage Adjustable Range:25%-100%)			
Color Temperature	4000K	4500K	5000K	5700K
Lumen (Tolerance : $\pm 10\%$)	70000 LM	70500 LM	71000 LM	71500 LM
Efficacy (Tolerance : $\pm 3\%$)	140 LM/W	141 LM/W	142 LM/W	143 LM/W
CRI	>70			
Color Consistency	<6 Steps (or <6 SDCM)			
BUG	B5-U0-G1			
Distribution Pattern	NEMA:4			
Beam Angle (50%) (Tolerance : $\pm 15\%$)	30°			
Input Voltage and Frequency	120-277VAC, 50/60Hz			
PF (Tolerance : -3%)	≥ 0.9			
THD (Tolerance : +5%)	$\leq 20\%$			
Flicker Percent	<5%			
Driver Brand	uPowerTek			
Driver Model	BLD-500-C230-ENU			
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	1.9 ft			
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			

PHOTOMETRIC DATA



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 4.223 A
Power Factor: 0.997

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 505.28 W

Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 71029.7 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 199555.89 cd
Pos of Max. Intensity: H0 V0
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 27.4, 28.3, 28.0, 27.8

Longitudinal Classification: Very Short
Measurement Flux: 71029.7 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 140.62
Max. Intensity: 199555.9 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.