



GREENTEK ENERGY SYSTEMS, LLC

www.GreentekEnergySystems.com



NAME: LED SPORT LIGHT

P/N: GT-SP01-750WEHT2H1-acd

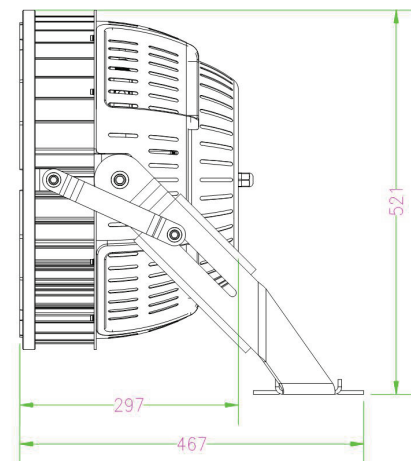
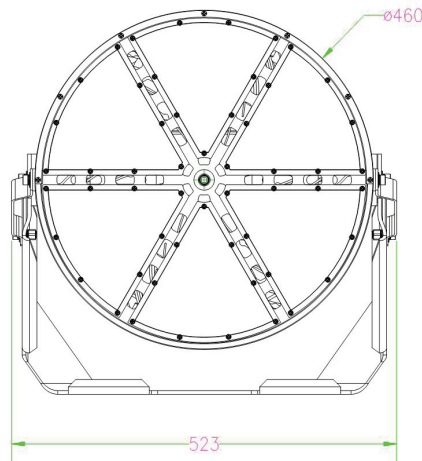
The letter "a" can be can be 2 letters represent lamp colors; "BH = Black、WH=White、BR=Brown or Customized"

The letter "c" can be "S" or blank to represent Surge protector or None Surge protector;

The letter "d" can be any two-digit number to represent CCT, "40=4000K、45=4500K、50=5000K、57=5700K"

Advantage :

- UL cUL DLC certificate
- Input voltage 277-480Vac
- 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 1-10V.



Application :

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

Product Specifications

Product name	LED Sport Light
Part No	GT-SP01-750WEHT2H1-acd
Dimension	523*467*521 mm

Technical Characteristic

Color temperature	4000K	4500K	5000K	5700K
CRI	>70			
Lumen	101250-116250LM			
Input Power	750W			
Lumen Efficacy	135-155 LM/W			
Beam Angle(50%)	15°			
Field Angle(10%)	35°(NEMA: 3)			
Input Voltage	277-480Vac 50/60Hz			
Driver Brand	INVENTRONICS ESD-240S660DT			
PF	>0.9			
Waterproof Rating	WET(IP65)			
EPA	2.5ft²			

Materials

LED Brand	OSRAM
LED Type	SMD 3737
LED QTY	420 PCS
Housing	Aluminum
Housing color	Black / Brown/white/Customized
Cover	LENS

Others

Operating Temperature	-40℃ TO 45℃
Operating Humidity	10% RH -90% RH
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10% RH -90% RH
Application	Outdoor
Safety Certification	UL cUL DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

Luminaire Property

Luminaire Manufacturer:

Voltage: 479.7 V

Power: 685.10 W

Current: 1.476 A

Power Factor: 0.967

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 99238.8 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 592946.25 cd

Pos of Max. Intensity: H112.5 V2

Longitudinal Classification: Very Short

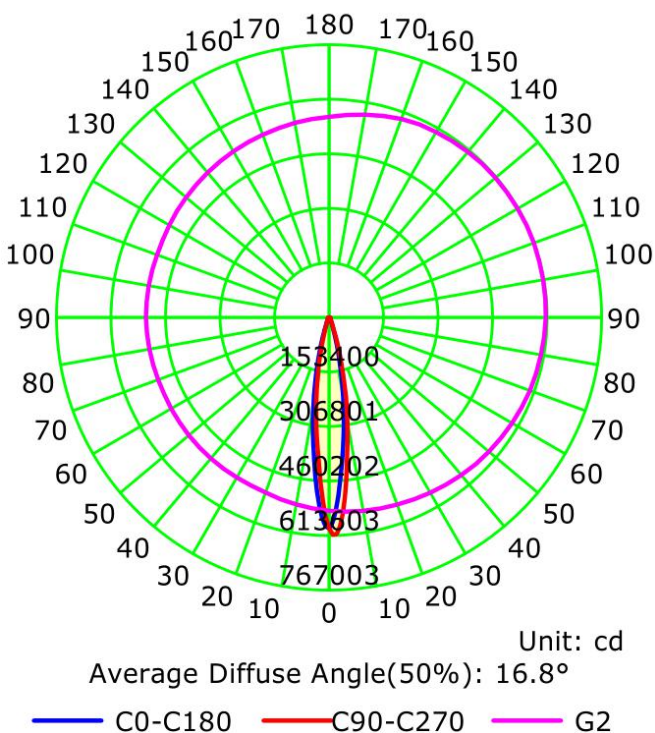
Measurement Flux: 99238.8 lm

Downward Ratio: 100%

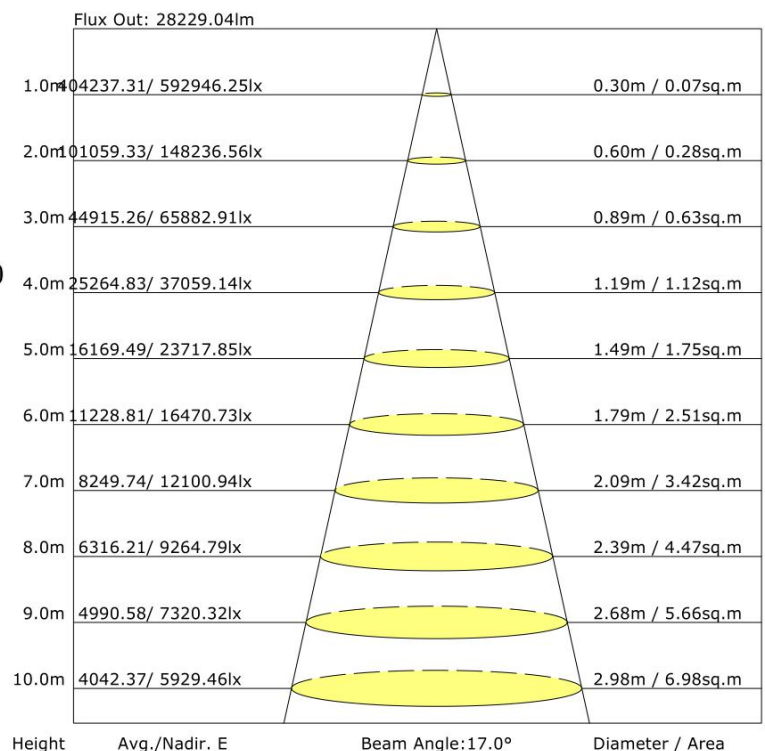
Luminaire Efficacy Rating (LER): 144.85

Max. Intensity: 613603.19 cd

Luminous Intensity Distribution Curve



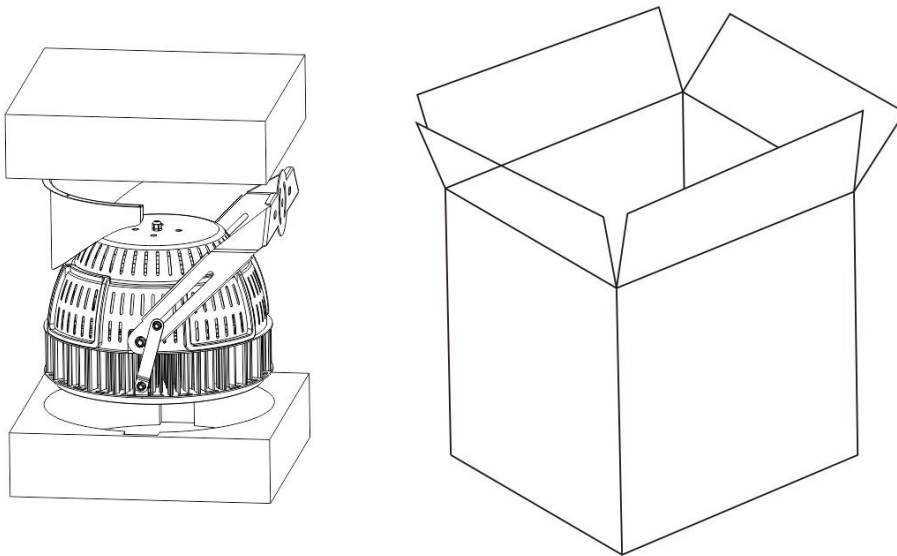
The Average Illuminance Effective Figure



Package

Lamp Net Weight: 28.5 KG / PC

	Size	Qty / Carton	Gross Weight / Carton
Outer box	630*570*565 mm	1 PC	32.5 KG



Notice For User

- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-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.