

NEX GEN LED LIGHTS AND SIGN
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Note:

SP01B = Product series, LED Sport Light

750W = Rating Power

S = LED Driver, S= SOSEN

C = LED manufacturer, C= Seoul 3030

S4 = Diffuser light angle type, S4=40 °

B1 = Version number

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;

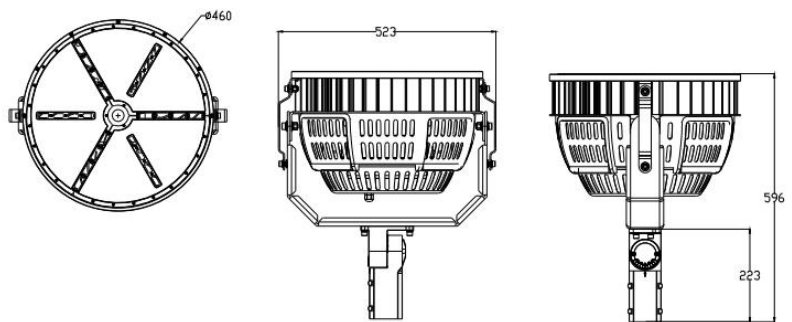
The letter "d" can be "AM" or "FM";

The letter "e" can be "B" for connecting box or blank for no connecting box;

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

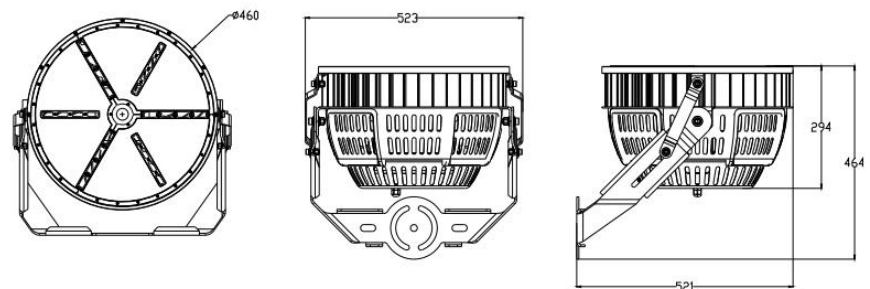
Advantage:

- UL cUL DLCcertificate
- Input voltage 100-277Vac
- 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 1-10V.



Application:

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



Product Specifications

Mounting Brackets	FM	AM
Dimension	464*523*521 mm	596*523*460MM

Technical Characteristic

Color temperature	4000K	4500K	5000K	5700K
CRI	>70			
Lumen	90000-109000LM			
Input Power	750W			
Lumen Efficacy	120-145 LM/W			
Beam Angle(50%)	40°			
Input Voltage	100-277Vac 50/60Hz			
Driver Brand	China Brand Driver SS-240VP-56BH*3PCS			
PF	>0.9			
Waterproof Rating	WET(IP65)			
EPA	2.5ft²			

Materials

LED Brand	SEOUL
LED Type	SMD 3030
LED QTY	840 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: 120.2 V

Power: 742.87 W

Current: 6.1968 A

Power Factor: 0.999

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 94431.4 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 131361.13 cd

Pos of Max. Intensity: H135 V1

Longitudinal Classification: Very Short

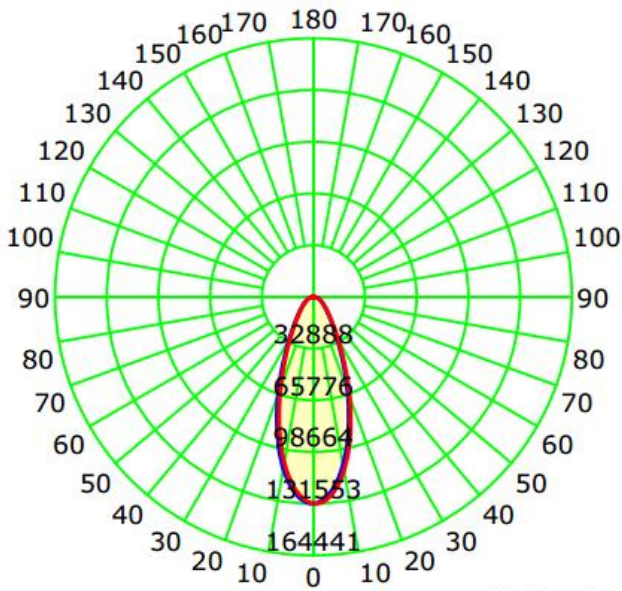
Measurement Flux: 94431.4 lm

Downward Ratio: 99%

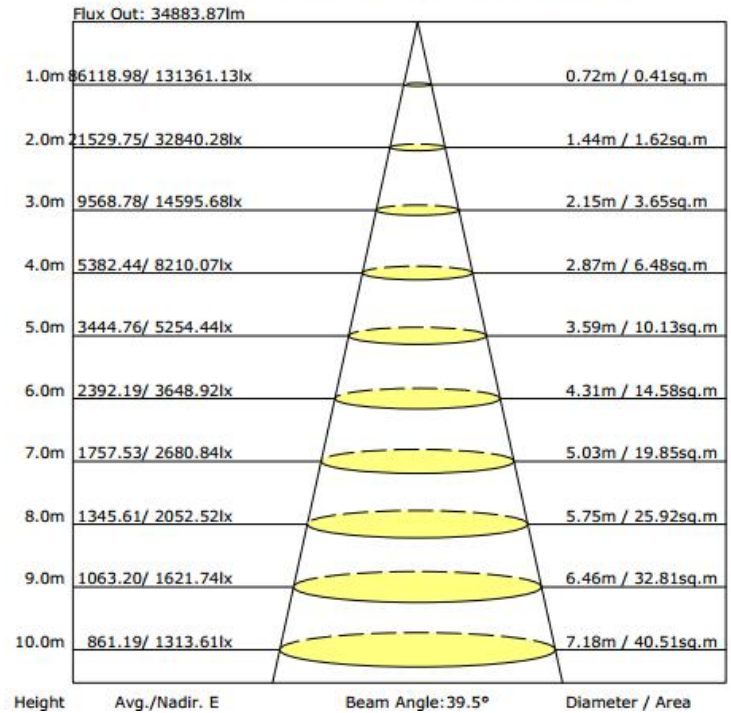
Luminaire Efficacy Rating (LER): 127.12

Max. Intensity: 131553.16 cd

Luminous Intensity Distribution Curve



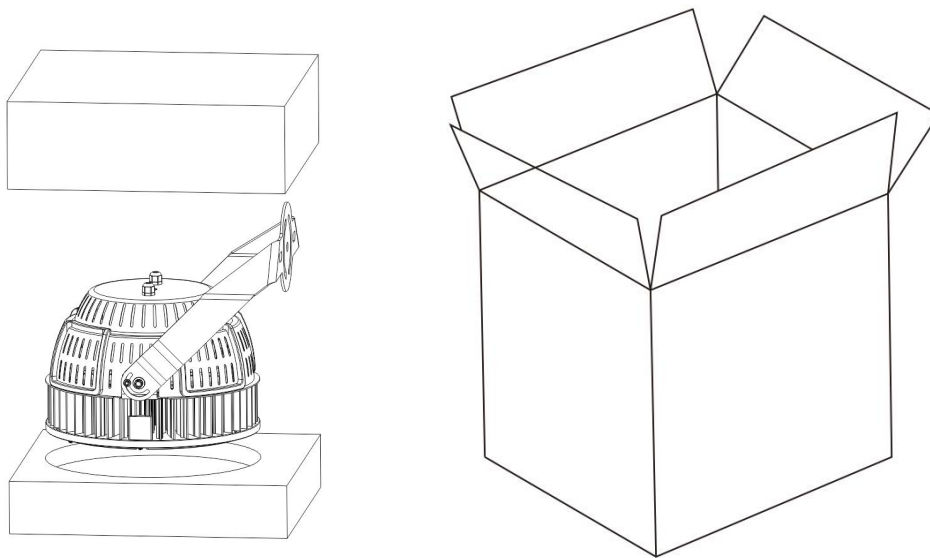
The Average Illuminance Effective Figure



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.