



## ADVANTAGE

- UL cUL certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.



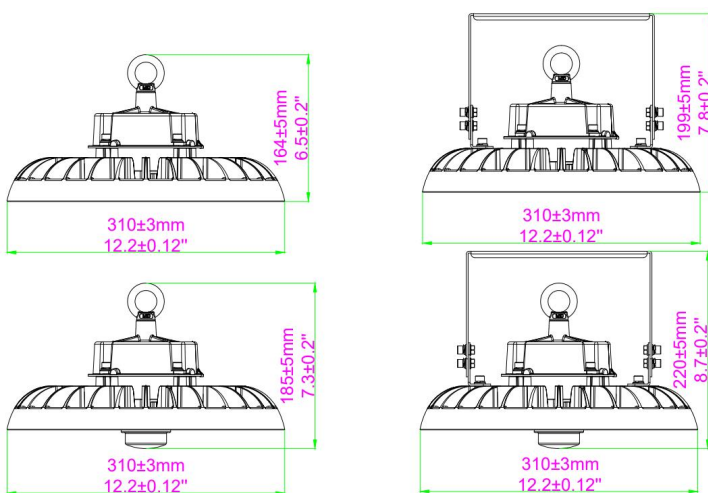
## APPLICATION

- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

## DIMENSIONS

### Pendent

### Surface-mounted



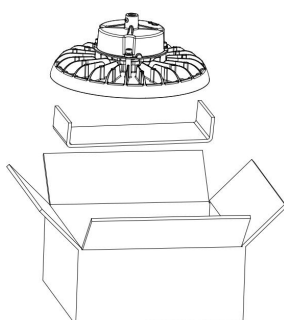
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	240W (wattage tunable 25%-100% or 240W/200W/150W)		
	Color Temperature	3500K	4000K	5000K
	Lumen (Tolerance : -10%)	143LM/W	160LM/W	148LM/W
	Efficacy (Tolerance : -3%)	34000LM	38000LM	35000LM
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)		
	Diffuser Type	PC Lens		
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<5%		
	Driver Brand	Sosen Driver (0-10V dimming )		
	Driver Model	SS-240CNL-E260BHD		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard(off)		
	Optional Accessory	Motion microwave Sensor, PIR motion sensor , Surge-protective Device,Wire guard,Reflector shield		
<b>MATERIALS</b>	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	400*2PCS		
	Housing	Die-cast aluminum		
	Housing Color	Black, White, or Customized		
	Waterproof Rating	WET (IP65)		
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃		
		With Motion Sensor: -30℃ TO 50℃		
	Storage Temperature	-40℃ TO 80℃		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
Warranty	5 years			

## PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	330*330*145MM[11.61*11.61*5.71inch]	1PCS	2.7KG[5.95LBS]	3.2KG[7.05LBS]
Surface-mounted	330*330*145MM[11.61*11.61*5.71inch]	1PCS	3.1KG[6.83LBS]	3.6KG[7.94LBS]

Tolerance of Carton Size: ±15 MM[±0.59inch], Tolerance of Weight: ±10%.



## LIGHT DISTRIBUTION TESTING PARAMETERS 5000K

### Luminaire Property

Luminaire Manufacturer:  
Voltage: 121.3 V  
Power: 239.69 W

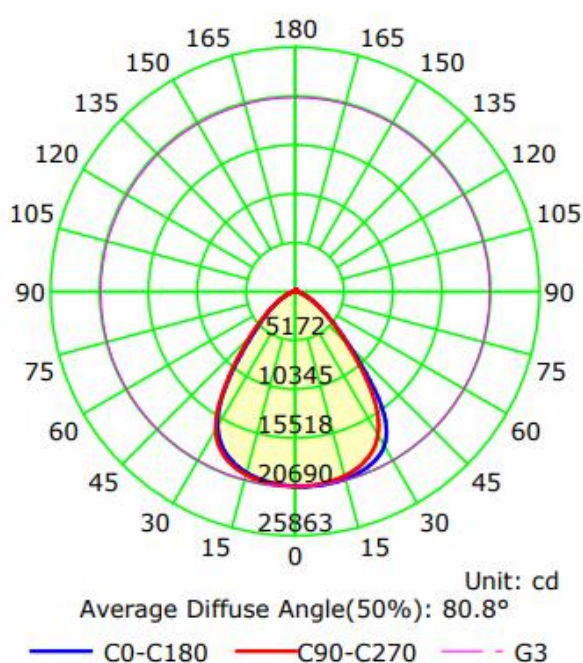
Current: 1.980 A  
Power Factor: 0.998

### Photometric Results

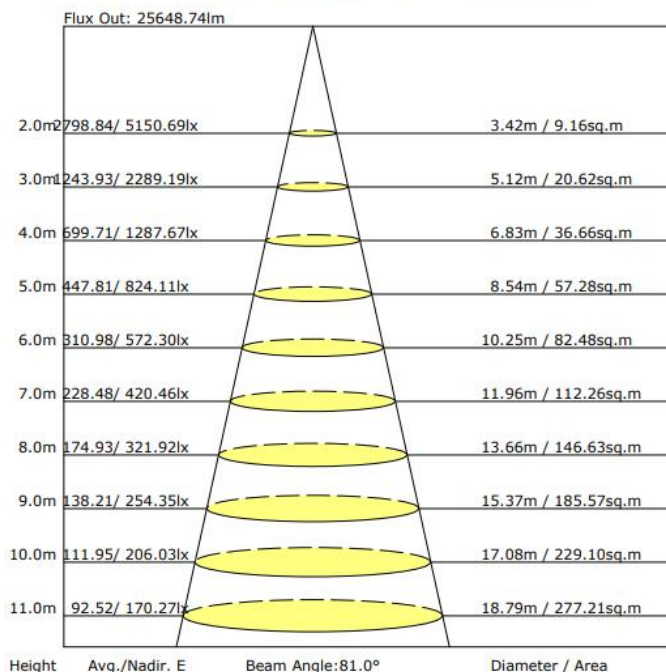
IES Classification: Type I  
Total Rated Lamp Lumens: 36611.4 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 20602.75 cd  
Pos of Max. Intensity: H0 V3

Longitudinal Classification: Very Short  
Measurement Flux: 36611.4 lm  
Downward Ratio: 99%  
Luminaire Efficacy Rating (LER): 152.79  
Max. Intensity: 20691 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### 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.