

ITEM#2566



LED KING LIGHTING DISTRIBUTION

E-mail: sales@ledkingtx.com

www.ledkingtx.com

P/N: AST-HB23-240WS1XYA1-abcdWDg

Note:

AST= Company name;

HB23 = Product series, LED High Bay Light;

240W= Rating Power;

S1 =Driver manufacturer, Sosen CNL-E series;

“X” can be any alphabet for manufacturer of LED;

“Y” can be “T1-T9”“CP”for Diffuser type;

A1= Version number;

“a” can be any two letters to represent lamp colors; BH=Black, WH=White, or Customized;

“b” can be “S” or “EM” or blank for Surge-protective Device provided or Emergency Driver or not;

“c” can be “M” or blank for Motion microwave Sensor, provided or Motion PIR sensor or not

“d” can be any digits for CCT, 35/40/50K(3500/4000/5000K)

“W” Stand for wattage tunable

“D” stand for color tunable

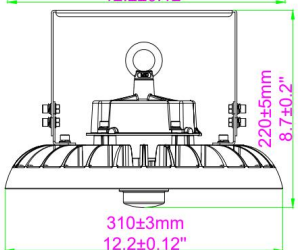
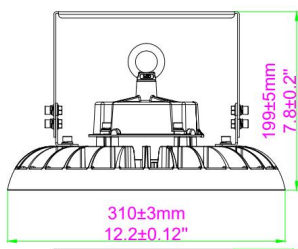
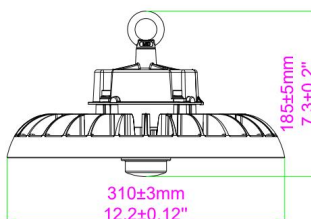
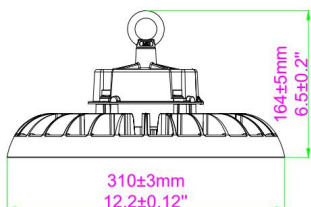
“g” can be “RP”, “RA” or blank for Thermoplastic shade, aluminum shade provided or not.



DIMENSIONS

Pendent

Surface-mounted



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.

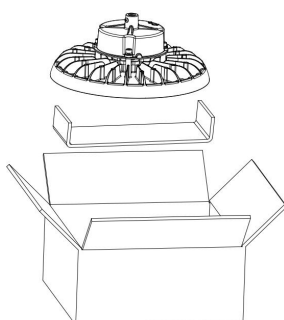
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W (wattage tunable 240W/200W/150W)		
	Color Temperature	3000K	4000K	5700K
	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		
ELECTRICAL	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		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	400*2PCS		
	Housing	Die-cast aluminum		
	Housing Color	Black, White, or Customized		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C		
		With Motion Sensor: -30°C TO 50°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			

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

Luminaire Property

Luminaire Manufacturer:
Voltage: 121.3 V
Power: 239.69 W

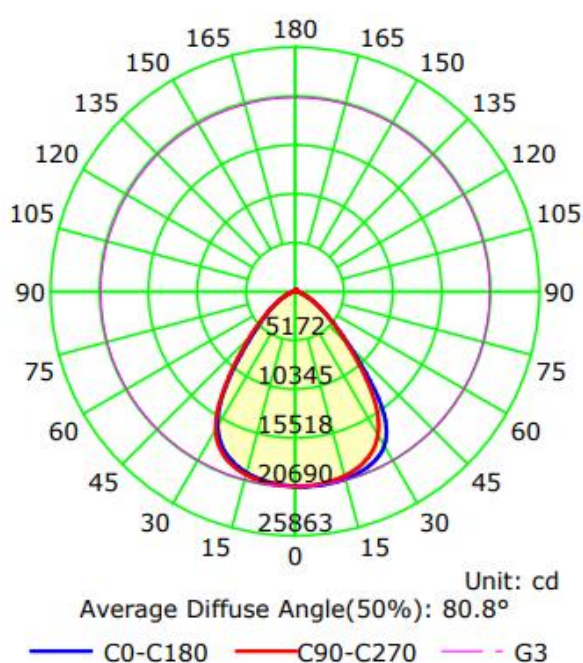
Current: 1.980 A
Power Factor: 0.998

Photometric Results

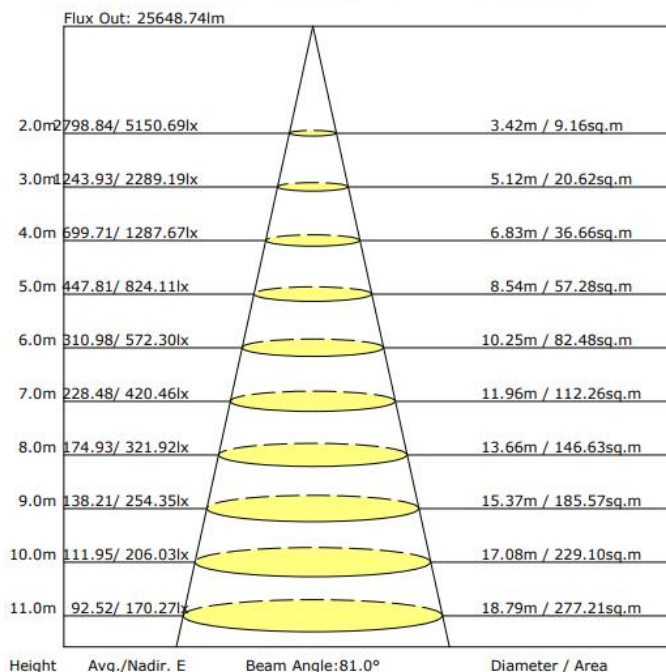
IES Classification: Type I
Total Rated Lamp Lumens: 36611.4 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 20602.75 cd
Pos of Max. Intensity: H0 V3

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.