



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com



P/N:GT-DHB-240WXYA1-ade

Note:

GT= Company name

DHB= Product series, LED High Bay Light

240W = Rating Power

X= can be any alphabet for manufacturer of LED

Y = the mask type, can be glass, plastic PC, lens;

A1=Version number

“a” can be any two letters to represent lamp colors;

BH=Black, WH=White, or Customized;

Device provided or not;

“d” can be XXK for CCT, such as

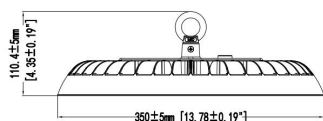
40K=4000K, 57K=5700K, etc;

“e” can be RA, RP or blank for shade type.

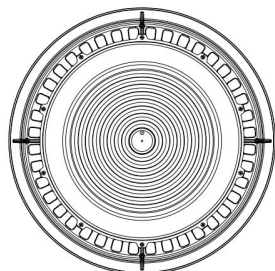
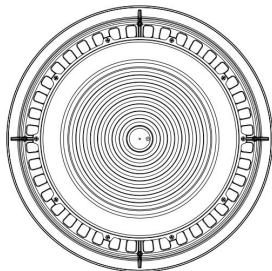
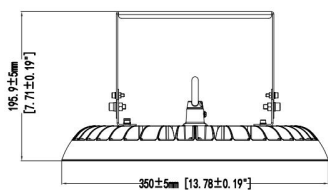


DIMENSIONS

Pendent



Surface-mounted



ADVANTAGE

- UL certificate.
- Lumileds or Bridgelux Chip, high CRI.
- Input voltage 120VAC±10%
- 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 flickering, 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
	Color Temperature	4000K,5000K,5700K,6500K
	Lumen (Tolerance : ±10%)	248000-27000 LM
	Efficacy (Tolerance : ±3%)	103-113 LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	UGR	<30 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance : ±15%)	110 Degree
ELECTRICAL	Input Voltage and Frequency	120VAC±10%
	PF (Tolerance : -3%)	≥0.95
	THD (Tolerance : +5%)	≤28%
	Flicker Percent	<30%
	Driver Brand	DOB Driver
	Driver Model	N/A
	Driver Surge protection	6kV, L/N-PE: 6kV
	Dimming	N/A
	Sensor Type	N/A
	Optional Accessory	N/A
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	390PCS (AC120V)
	Housing	Die-cast aluminum
	Housing Color	Black, White, or Customized
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-40°C TO 45°C
	Storage Temperature	-40°C TO 70°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years

PACKAGE

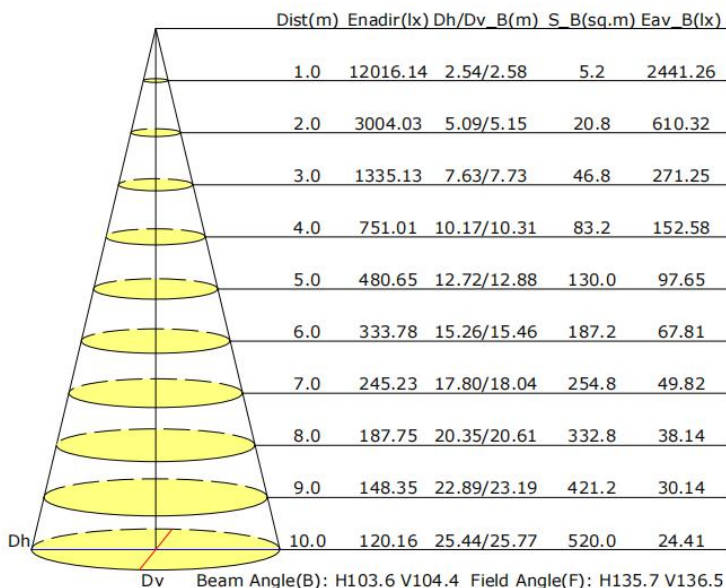
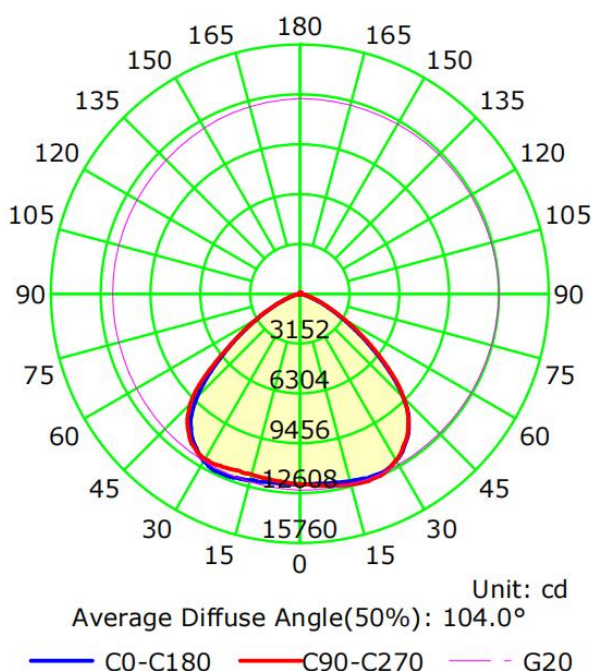
	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	370*370*95mm	1 PCS	2.3KG	2.8KG

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE Class: Direct
 Measurement Flux: 31924.3 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(10%,50%): H135.7,H103.7
 Vertical Diffuse Angle(10%,50%): V136.8,V104.9
 Luminaire Efficacy Rating (LER): 129.88
 Total Rated Lamp Lumens: 31924.3 lm
 Efficiency: 100%
 Upward Ratio: 1%
 Central Intensity: 12016.14 cd



NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and luminaire should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the luminaire.

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.