



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com



P/N: GT-DHB-200WXYA1-ade

Note:

GT= Company name

DHB= Product series, LED High Bay Light

200W = 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;

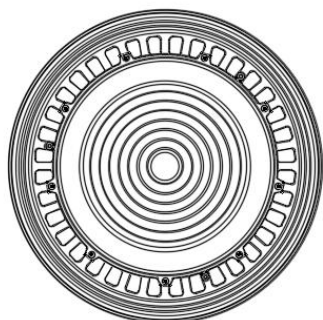
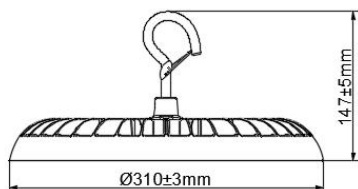
“d” can be XXK for CCT, such as

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

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



DIMENSIONS



ADVANTAGE

- UL certificate.
- Lumileds or Bridgelux Chip, high CRI.
- Input voltage 120VAC.
- 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 : $\pm 10\%$)	200W
	Color Temperature	4000K,5000K,5700K,6500K
	Lumen (Tolerance : -10%)	20600LM-22000LM
	Efficacy (Tolerance : -3%)	103LM/W-110LM/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 : $\pm 15\%$)	110 Degree
ELECTRICAL	Input Voltage and Frequency	120VAC $\pm 10\%$, 50/60Hz
	PF (Tolerance : -3%)	≥ 0.9
	THD (Tolerance : $+5\%$)	$\leq 35\%$
	Flicker Percent	100%
	Driver Brand	SNC Driver (DOB)
	Driver Model	SNC-200W-DOB
	Driver Surge protection	L-N: 6kV, L/N-PE: 6kV
	Dimming	N/A
	Optional Accessory	N/A
MATERIALS	LED Brand	Bridgelux
	LED Type	SMD2835
	LED QTY	264PCS
	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 75°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:330*170*330mm	4 PCS	5.6kg	8kg
Inner box:315*315*75mm	1 PC	1.4kg	1.8kg

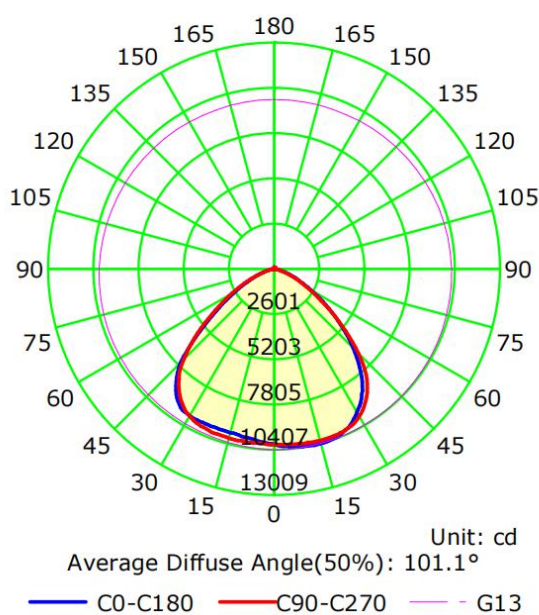
Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.

GHT DISTRIBUTION TESTING PARAMETER

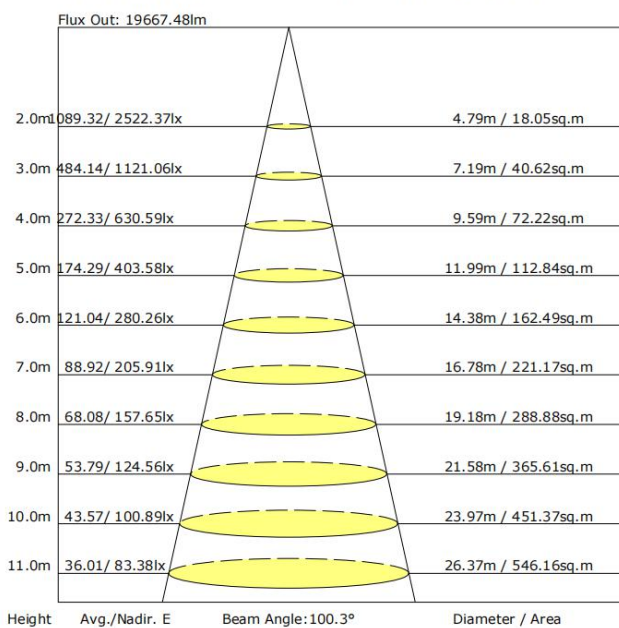
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 25462.7 lm
Measurement Flux: 25462.7 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H137.9,H100.7	
Vertical Diffuse Angle(10%,50%): V137.6,V102	
Luminaire Efficacy Rating (LER): 121.42	Central Intensity: 10089.5 cd
Max. Intensity: 10407.37 cd	Pos of Max. Intensity: H0 V13
S/MH(C0/C180): 1.40	S/MH(C90/C270): 1.41

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.