UL CERTIFIED

GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N: GT-DHB-100WJD6A1-ade

Note:
GT= Company name
DHB = Product series, LED High Bay Light
100W = Rating Power
J= LED manufacturer, Bridgelux2835.
D6 = the mask type, can be glass, plastic PC, lens;
A1=Version number
"a"can be any two letters to represent lamp colors;
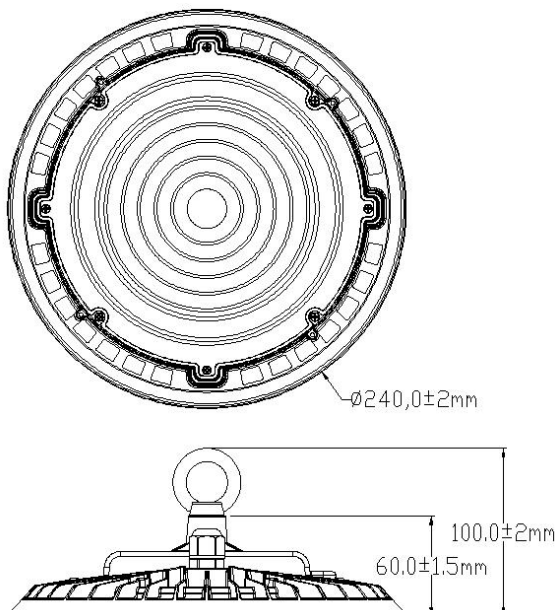 BH=Black, WH=White, or Customized;
"d"can be "XXK" for CCT, such as
40K=4000K,57K=5700K,etc;
"e" can be "RP", "RA" or blank for Thermoplastic
shade,aluminum shade provided or not.

DIMENSIONS

Ø240,0±2mm

100.0±2mm
60.0±1.5mm

ADVANTAGE

➢ UL   certificate.
➢ 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;
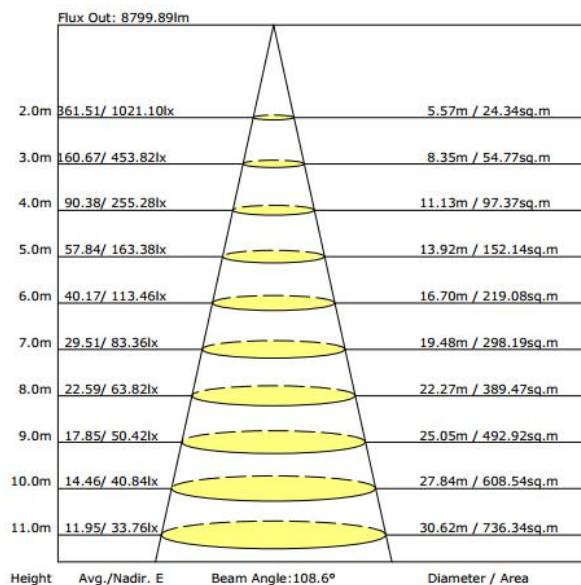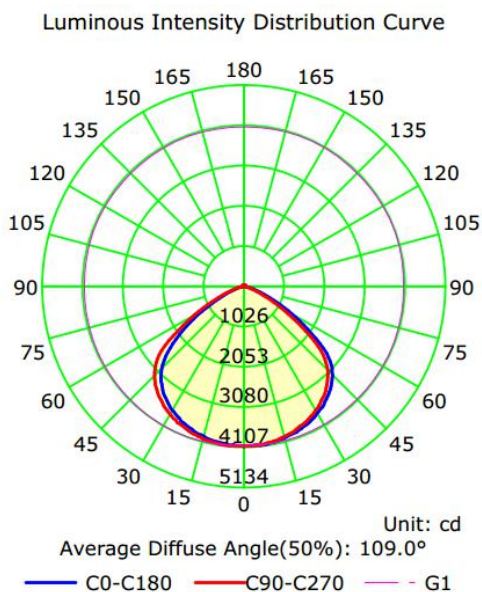➢ Exhibition hall;
➢ Gymnasium and supermarkets, etc.

LED High Bay Light

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	100W
	Color Temperature	3000K-6500K
	Lumen (Tolerance : -10%)	10500LM-11000LM
	Efficacy (Tolerance : -3%)	105LM/W-110LM/W
	CRI	>80
	Color Consistency	＜6 Steps (or ＜6 SDCM)
	UGR	＜28 (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%, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤35%
	Flicker Percent	100%
	Driver Brand	N/A
	Driver Model	N/A
	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	135PCS
	Housing	Die-cast aluminum
	Housing Color	Black, White, or Customized
	Waterproof Rating	WET（IP65）
OTHERS	Operating Temperature	-40℃ TO 45℃
	Storage Temperature	-40℃ TO 75℃
	Operating Humidity	20％ - 90％ RH
	Storage Humidity	10％ - 95％ RH
	Warranty	3 Years

PACKAGE

Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box:320*265*270mm	4 PCS	6.72KG	7.37KG
Inner box:245*245*75mm	1 PC	1.23KG	1.68KG

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

GHT DISTRIBUTION TESTING PARAMETER

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 109.0°

—— C0-C180 —— C90-C270 — · G1

Flux Out: 8799.89lm

Height	Avg./Nadir. E	Diameter / Area
2.0m	361.51/ 1021.10lx	5.57m / 24.34sq.m
3.0m	160.67/ 453.82lx	8.35m / 54.77sq.m
4.0m	90.38/ 255.28lx	11.13m / 97.37sq.m
5.0m	57.84/ 163.38lx	13.92m / 152.14sq.m
6.0m	40.17/ 113.46lx	16.70m / 219.08sq.m
7.0m	29.51/ 83.36lx	19.48m / 298.19sq.m
8.0m	22.59/ 63.82lx	22.27m / 389.47sq.m
9.0m	17.85/ 50.42lx	25.05m / 492.92sq.m
10.0m	14.46/ 40.84lx	27.84m / 608.54sq.m
11.0m	11.95/ 33.76lx	30.62m / 736.34sq.m

Beam Angle:108.6°

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.