GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N:GT-UFO4c-240WBT2H1-abd

Note:

GT= Company name;

UFO4= Product series, LED High Bay Light;

"c" can be "M", "P" or blank for DC Motion Sensor, DC PIR sensor provided or not;

240W=Rating Power;

"B" =LED manufacturer, Lumileds2835;

T2 = 90°PC lens;

H1=Version number;

"a" can be any two letters for lamp colors,such as BH=Black, WH=White, or Customized;
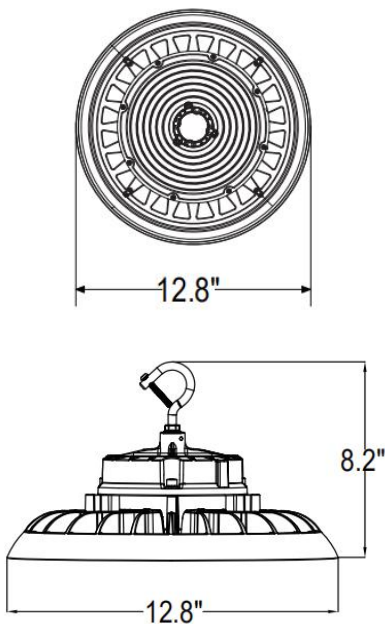
"b" can be "10SP", "20SP" or blank for Surge-Protective Device provided or not;

"d" can be XXK for CCT,40K=4000K,50K=5000K,57K=5700K

DIMENSIONS

Pendent

12.8"

8.2"

12.8"

ADVANTAGE

- ➢ UL DLC-V5.1(Premium) certificate.
- ➢ Lumileds Chip, high CRI.
- ➢ Input voltage 277-480VAC.
- ➢ 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 flickering, NO humming.
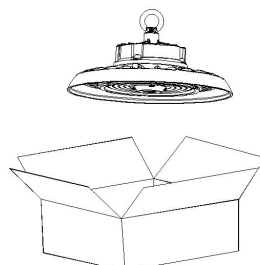- ➢ Green and eco-friendly without mercury.

GREENTEK
ENERGY SYSTEMS

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±5%)	240W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	33600lm	34080lm	34320lm
	Efficacy (Tolerance : ±3%)	140lm/W	142lm/W	143lm/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%)	90 Degree		
ELECTRICAL	Input Voltage and Frequency	277-480VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	＜5%		
	Driver Brand	Fahold		
	Driver Model	K1-V240B-260B12		
	Driver Surge protection	L-N: 6kV, L/N-PE: 6kV		
	Dimming	0-10V dimming standard		
	Sensor type	Daylight Sensor, Occupancy Sensor, Multifunction Sensor, Integral sensor,Receptacle		
	Optional Accessory	Motion microwave Sensor, Motion PIR Sensor Surge-protective Device		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	400PCS		
	Housing	Die-cast aluminum		
	Housing Color	Black, White, or Customized		
	Waterproof Rating	WET（IP65）		
OTHERS	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	340*340*145mm [13.39*13.39*5.71 inch]	1 PC	2.6KG [5.72 LBS]	3.3KG [7.26 LBS]
Surface-mounted	340*340*145mm [13.39*13.39*5.71 inch]	1 PC	3.3KG [7.26 LBS]	4.2KG [9.24 LBS]

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm): -210
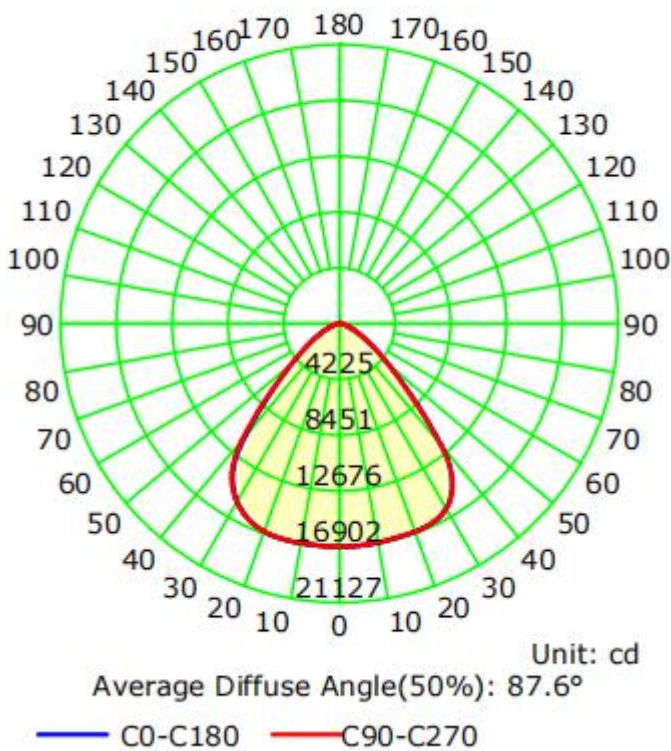Luminous Height (mm):
Current: 0.862 A
Power Factor: 0.998

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm): -210
Voltage: 277.0 V
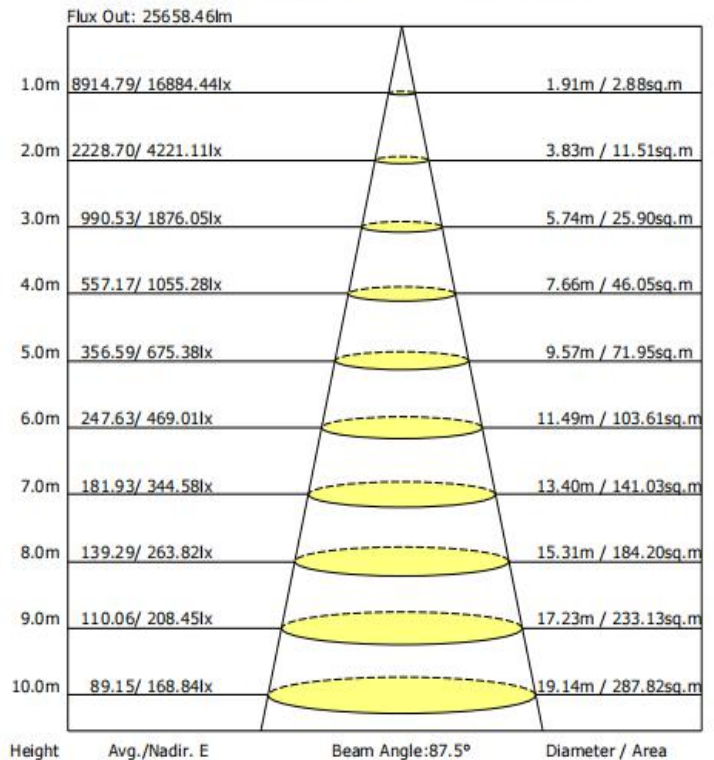Power: 238.34 W

Photometric Results

CIE Class: Direct
Measurement Flux: 33853.8 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H124.8,H87.5
Vertical Diffuse Angle(10%,50%): V124.7,V87.7
Luminaire Efficacy Rating (LER): 142.09
Max. Intensity: 16902.33 cd
S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 33853.8 lm
Efficiency: 100%
Upward Ratio: 0%

C0r0 Intensity: 16884.44 cd
Pos of Max. Intensity: H225 V13
S/MH(C90/C270): 1.36

Luminous Intensity Distribution Curve

Unit: cd
Average Diffuse Angle(50%): 87.6°

—— C0-C180   —— C90-C270

The Average Illuminance Effective Figure

Flux Out: 25658.46lm

Height	Avg./Nadir. E	Beam Angle:87.5°	Diameter / Area
1.0m	8914.79/ 16884.44lx		1.91m / 2.88sq.m
2.0m	2228.70/ 4221.11lx		3.83m / 11.51sq.m
3.0m	990.53/ 1876.05lx		5.74m / 25.90sq.m
4.0m	557.17/ 1055.28lx		7.66m / 46.05sq.m
5.0m	356.59/ 675.38lx		9.57m / 71.95sq.m
6.0m	247.63/ 469.01lx		11.49m / 103.61sq.m
7.0m	181.93/ 344.58lx		13.40m / 141.03sq.m
8.0m	139.29/ 263.82lx		15.31m / 184.20sq.m
9.0m	110.06/ 208.45lx		17.23m / 233.13sq.m
10.0m	89.15/ 168.84lx		19.14m / 287.82sq.m

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.