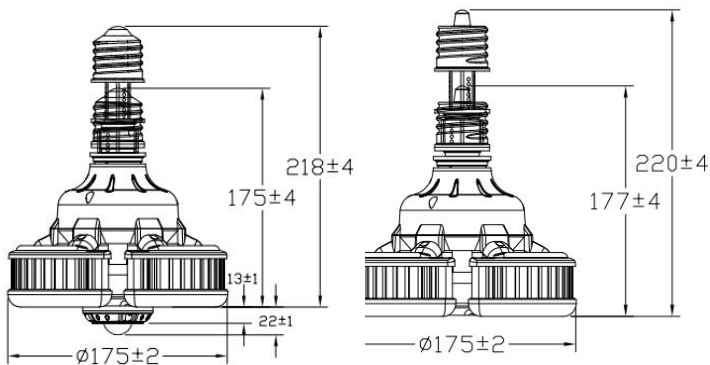


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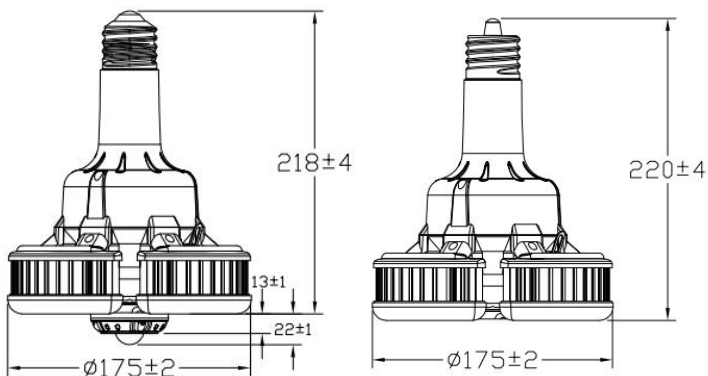


DIMENSIONS



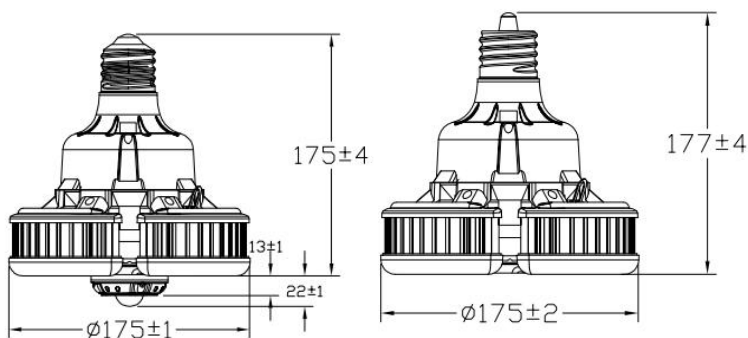
E39 flexible type

EX39 flexible type



E39 Long type

EX39 Long type



E39 short type

EX39 short type

P/N: GT-HCB2-060WNBCZA1a-cK

Note:

GT= Company name

HCB2 = Product series

060W = Rating Power

N=Type of lamp cup, can be "F" for flexible type, "S" for short type, "L" for Long type.

B = LED manufacturer, Lumileds

C = Cover type, Clear cover

Z=Sensor type."blank"for none sensor,"MS"for DC Motion Microwave sensor, "PS"for DC Motion PIR sensor.

A1=Version number;

a=the lamp base type, can be "E" for E39, "EX" for EX39

cK= represents CCT, can be two digital, 30K=3000K,

35K=3500K,40K=4000K, 45K=4500K, 50K=5000K,

57K=5700K,

ADVANTAGE

- UL DLC5.1(Standard) certificate.
- E39 EX39 lamp base.
- Big heat sink, NO fan.
- Internal driver, input voltage AC100-277V.
- Meet 4-6KV surge immunity level.
- Sealant pouring for whole driver and lamp plastic housing.
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy installation.
- Fits many different fixtures to replace traditional lamps.
- Lamp base optional, with retractable or fixed length, suitable for more applications.
- Motion sensor or PIR sensor optional.

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.
- Make sure to remove or bypass the ballast in the fixtures before install the lamps.
- Suitable for damp locations. Can be dimmable with sensor.
- No-professionals, must not install and disassemble the lamps.

APPLICATION

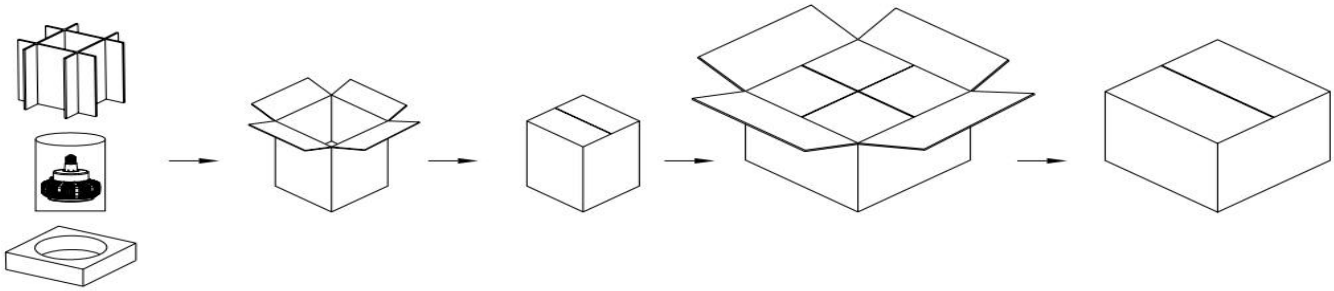
- Replacement Lamps for Low Bay Luminaires (UL Type B)

SPECIFICATIONS

OPTICAL	Input Power	60W					
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)- In Luminaires	7561LM	7659 LM	7756 LM	7840 LM	7923 LM	8007 LM
	Efficacy (Tolerance : -3%)- In Luminaires	125 LM/W	126 LM/W	128LM/W	129LM/W	131LM/W	132LM/W
	CRI	>80					
	Color Consistency	<6 Steps (or <6 SDCM)					
	Diffuser Type	Clear PC					
	Beam Angle (50%) (Tolerance : ±25%)	100Degree					
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz					
	PF(Tolerance : -3%)	≥0.9					
	THD(Tolerance : +5%)	≤20%					
	Flicker Percent	<5%					
	Driver Surge protection	L-N: 4-6kV					
	Dimmable	Yes					
	Equivalent	120W CFL, 175W MHL/HPS/HID					
MATERIALS	LED Brand	Lumileds					
	LED Type	SMD2835					
	LED QTY	195 PCS					
	Housing	PC + Aluminum					
	Housing Color	Any colour					
	Waterproof Rating	DAMP (IP64)					
OTHERS	Operating Temperature	-40°C TO 50°C					
	Operating Humidity	20%-70% RH					
	Storage Temperature	-40°C TO 80°C					
	Storage Humidity	10%-75% RH					
	Warranty Time	5 years					

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	200*200*225 MM	1 PC	1.05 KG	1.42 KG
Outer box	420*420*245MM	4 PCS	4.2 KG	6.25 KG



LIGHT DISTRIBUTION TESTING PARAMETERS

Remark:The testing data comes from the product in luminaires.

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 0.505 A
 Power Factor: 0.995

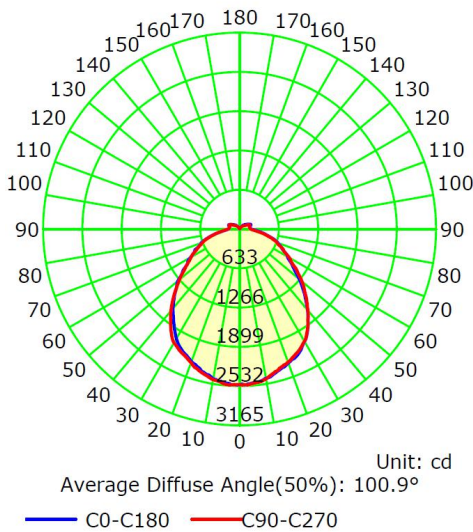
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 119.9 V
 Power: 60.33 W

Photometric Results

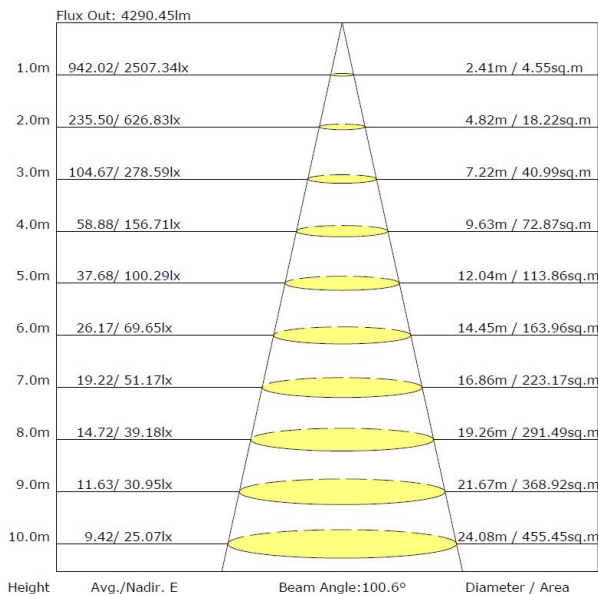
CIE Class: Semi-Direct
 Measurement Flux: 7561.5 lm
 Downward Ratio: 90%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 170.0, 169.3, 169.4, 169.0
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 100.6, 101.2, 100.5, 100.8
 Luminaire Efficacy Rating (LER): 125.39
 Max. Intensity: 2532.08 cd
 S/MH(C0/C180): 1.22

Total Rated Lamp Lumens: 7561.5 lm
 Efficiency: 100%
 Upward Ratio: 10%
 C0r0 Intensity: 2507.34 cd
 Pos of Max. Intensity: H315 V3
 S/MH(C90/C270): 1.24

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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.