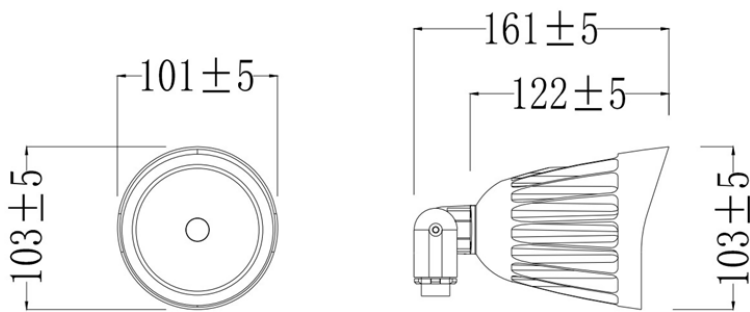




## LED Flood Light



### DIMENSIONS



Project :

Type :

Part#:

**P/N: INS-LFL71-25WBH5DA1-a30/40/50**

#### Note:

INS = Company name

LFL71= Product series, LED Flood Light

25W= Rating Power

B= LED manufacturer, Lumileds 2835

H5= Diffuser light angle type, 5H5V

D=Color Tunable

A1= Version number

"a" can be any two letters to represent lamp colors,

can be BR=Brown, BH=Black, or Customized;

30/40/50=3000K/4000K/5000K

#### ADVANTAGE

- UL cUL certificate.
- IP65 driver, input voltage 120-277VAC
- 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

- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,
- Warehouse, factory and workshops;
- Highway toll station;
- Meeting room, exhibition hall;
- Gymnasium and supermarkets, etc. plaza,

# LED Flood Light

## SPECIFICATIONS

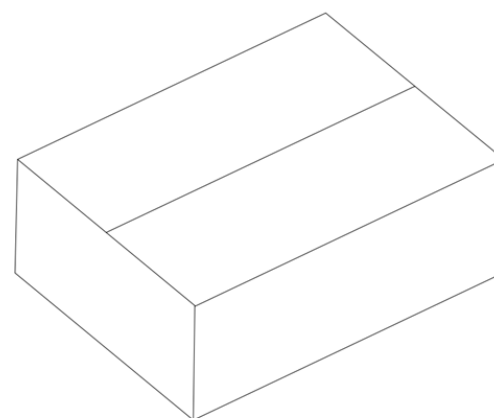
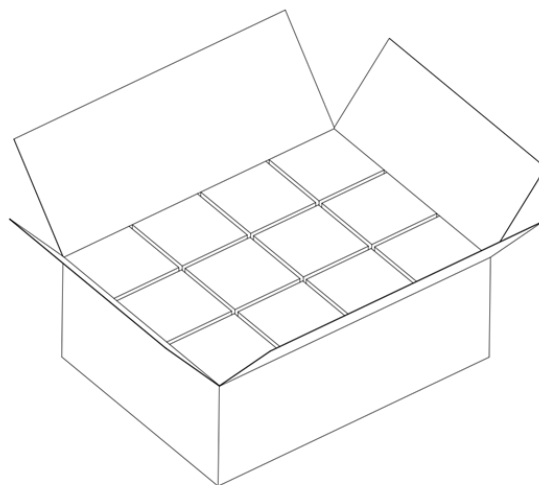
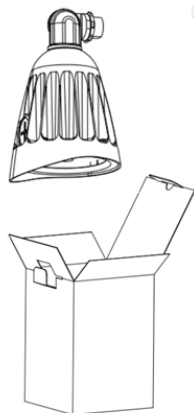
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	25W		
	Color Temperature☒Color Tunable☒	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	3125 LM	3500 LM	3375 LM
	Efficacy (Tolerance :±3%)	125LM/W	140LM/W	135 LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B2-U1-G0		
	Distribution Pattern	5H5V		
	Beam Angle (50%) (Tolerance : ±15%)	42°		
	Beam Angle (10%) (Tolerance : ±15%)	85°		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC,50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<60%		
	Driver Brand	HBE		
	Driver Model	HB-LFL71F025		
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	NA		
<b>MATERIALS</b>	LED Brand	Lumileds		
	LED Type	2835		
	LED QTY	84 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	0.2ft <sup>2</sup>		
<b>OTHERS</b>	Waterproof Rating	WET (IP65)		
	Operating Temperature	-40°C TO 45°C		
	Storage Temperature	-40°C TO 80°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years warranty		

## LED Flood Light

### PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / PCS	Gross Weight / Carton
AM	439*333*187mm	12PCS	0.39KG	5.8KG

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



# LED Flood Light

## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:  
Voltage: 120.9 V  
Power: 12.40 W

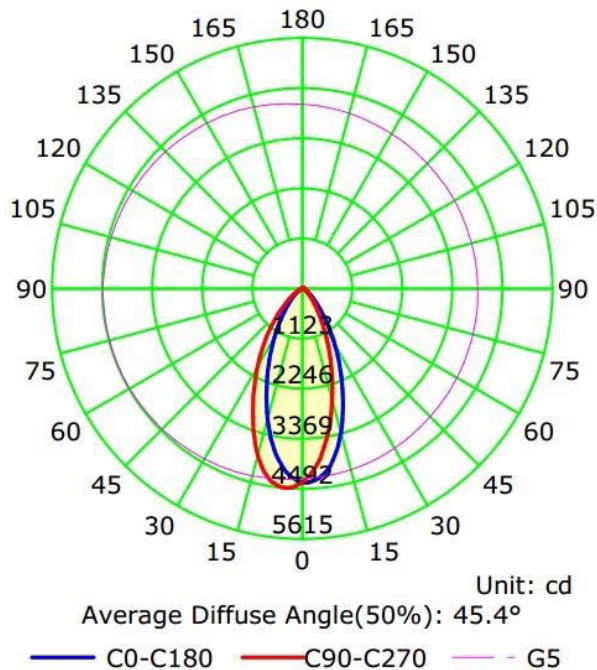
Current: 0.104 A  
Power Factor: 0.988

### Photometric Results

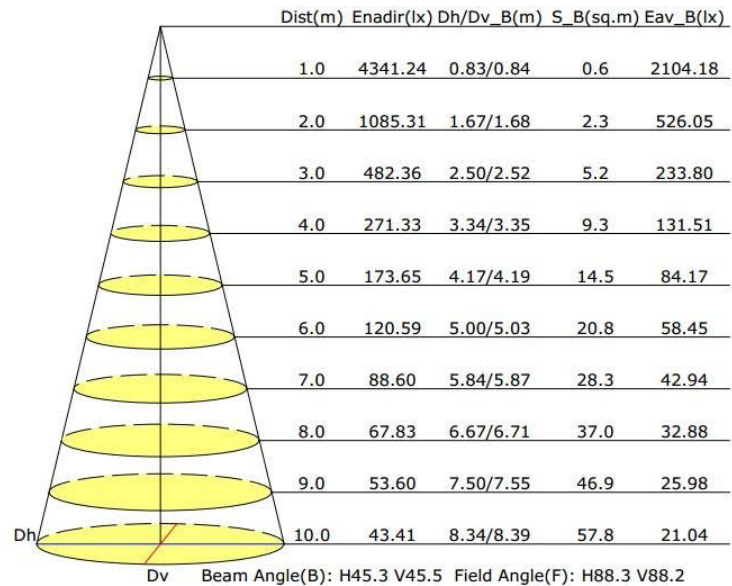
CIE Class: Direct  
Measurement Flux: 1863.9 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H84.2,H39.4  
Vertical Diffuse Angle(10%,50%): V83.6,V39.6  
Luminaire Efficacy Rating (LER): 150.37  
Max. Intensity: 2819.07 cd  
S/MH(C0/C180): 0.62

Total Rated Lamp Lumens: 1863.9 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 2783.4 cd  
Pos of Max. Intensity: H112.5 V2  
S/MH(C90/C270): 0.63

Luminous Intensity Distribution Curve



Illuminance at a Distance(Beam Angle)



## LED Flood Light

### 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.

### Wattage adjustable instruction

Turn the wattage adjustable knob to a certain wattage gear, the power of the lamp will change to the corresponding wattage.

Wattage adjustable range 30%-95%.

**Note:** Please turn off the power before adjusting the wattage.