



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com



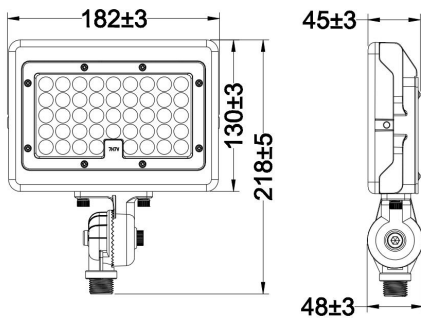
AM

YM

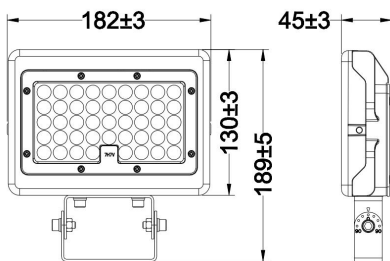
FM



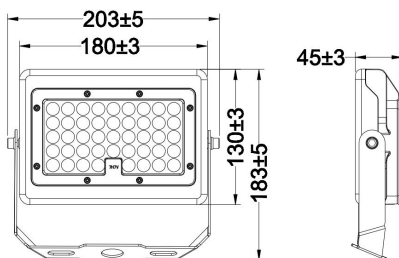
DIMENSIONS



AM



YM



FM

P/N:

GT-FL06E-50W-DL[S;20SP;Blank]PBH8-adb-S

Note:

GT= Company name;

FL06E= Product series, LED Flood Light;

50W=Rating Power;

DL=AC120-277V Dimming driver;

[S;20SP;Blank]=10KV surge protection, or 20KV surge protection provided or blank for none;

P=Photocell;

"B" =LED manufacturer, Lumileds2835;

H8=The lens is PC, and the luminous angle is 7H7V

"a" can be any two letters for lamp colors;

"d" can be XXK for CCT,

30K=3000K, 40K=4000K, 50K=5000K, 57K=5700K, 65K=6500K

"b" can be "AM", "FM" or "YM" for Mounting Means;

S=Single CCT;

ADVANTAGE

- UL DLC-V5.1(Premium) certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277VAC.
- 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.

APPLICATION

- Factory floor, libraries, square, park;
- Supermarkets, railway stations;
- Advertising lighting, etc.

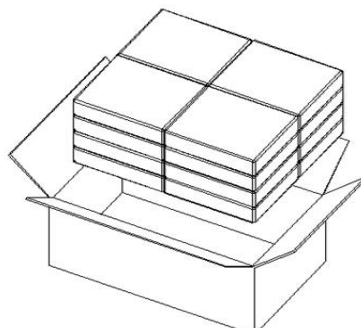
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	50W				
	Color Temperature	3000K	4000K	5000K	5700K	6500K
	Lumen(Tolerance: $\pm 10\%$)	6100LM	6250LM	6350LM	6400LM	6450LM
	Efficacy(Tolerance : $\pm 3\%$)	122 LM/W	125 LM/W	127LM/W	128LM/W	129LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7 SDCM)				
	Distribution Pattern	7H7V				
	Field Angle (10%) (Tolerance : $\pm 15\%$)	150 Degree				
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥ 0.9				
	THD (Tolerance : +5%)	$\leq 20\%$				
	Flicker Percent	<30%				
	Driver Brand	HBE				
	Driver Model	HB-FL19F060				
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV				
	Dimming	0-10V dimming standard				
	Sensor Type	No Sensor				
	Optional Accessory	Surge-protective Device				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	80 PCS				
	Housing	Die-cast aluminum				
	Housing Color	Brown, Black, or Customized				
	EPA	0.42 ft ²				
	Waterproof Rating	WET (IP65)				
OTHERS	Operating Temperature	-30°C TO 45°C;				
	Storage Temperature	-40°C TO 80°C				
	Operating Humidity	20% - 90% RH				
	Storage Humidity	20% - 95% RH				
	Warranty	5 years				

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM、YM、FM	Outer box:487*300*310mm	8 PCS	8.8Kg	11.3Kg
	Inner box:235*70*290mm	1 PC	1.1Kg	1.3Kg

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

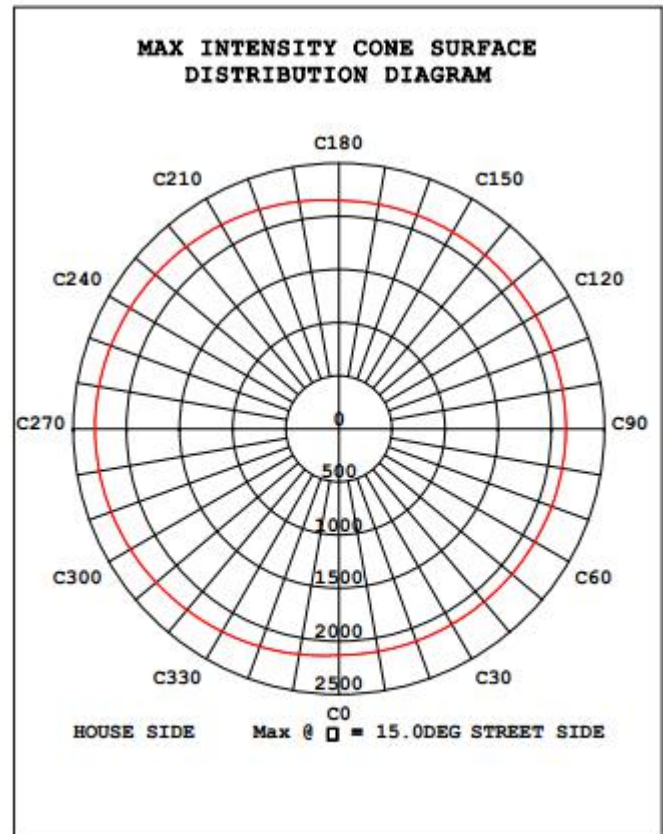
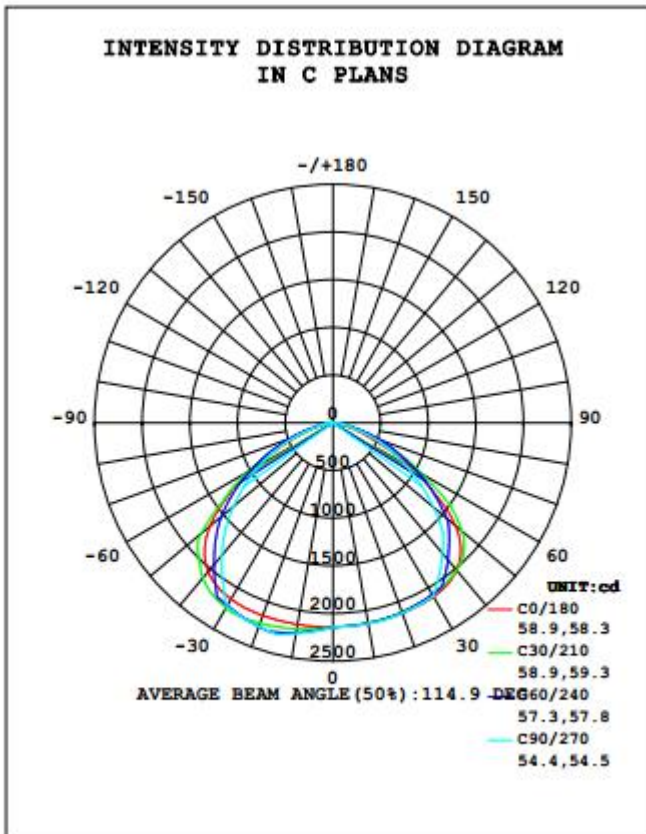


LIGHT DISTRIBUTION TESTING PARAMETERS

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.39V I:0.4240A P:49.931W PF:0.9864 Freq:60.01Hz Lamp Flux:6711.27x1 lm		
NAME:	TYPE: LED	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: 1#
MFR.: AMERICANLITE	SUR.:	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.41 lm/W			
MODEL		I _{max} (cd)	2298	□ street_up(%)	0.0
NOMINAL POWER (W)	50	LOR (%)	100.0	□ street_down(%)	49.5
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	6711	□ house_up(%)	0.0
NOMINAL FLUX (lm)	6711.27	MAXIMUM @ (C, □)	270,15.0	□ house_down(%)	50.5
LAMPS INSIDE	1	□ up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	□ down (%)	100.0	SLI	



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.