



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com



P/N: GT-DFL-100WXY-acb

Note:

GT= Company name

DFL = Product series, LED Flood Light

100W = Rating Power

X= LED manufacturer, Bridgelux2835

Y=Represents mask, GC represents transparent glass, Mg represents frosted

“a” can be any two letters for lamp colors, such as BR=Brown, WH=White.

“c” can be “XXK” for CCT;

“b” can be “AM”, “KL”, “YM” or “FM” for Mounting

AM

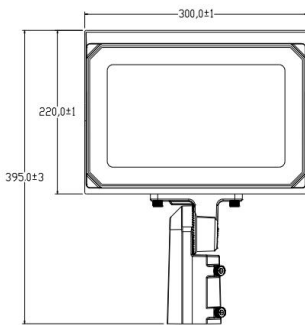
YM

AM3

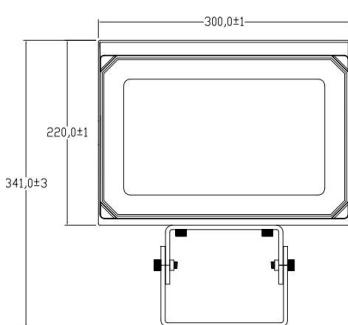
FM



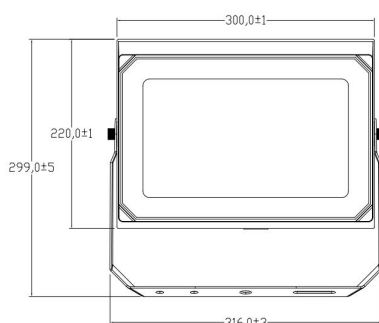
DIMENSIONS



AM



YM



FM



ADVANTAGE

- UL cUL certificate.
- Lumileds Chip, high CRI.
- Input voltage 120VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- 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 : ±10%)	100W
	Color Temperature	3000K,4000K,5000K,5700K
	Lumen(Tolerance: ±10%)	11000-11500LM
	Efficacy(Tolerance : ±3%)	110-115LM/W
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	Distribution Pattern	Clear Tempered Glass
	Field Angle (10%) (Tolerance : ±15%)	120Degree
ELECTRICAL	Input Voltage and	120VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.94
	THD (Tolerance : +5%)	≤30%
	Flicker Percent	>80%
	Driver Brand	N/A
	Driver Model	N/A
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV
	Dimming	N/A
	Sensor Type	N/A
	Optional Accessory	N/A
MATERIALS	LED Brand	Bridgelux
	LED Type	SMD2835
	LED QTY	135 PCS
	Housing	Die-cast aluminum
	Housing Color	Brown, Black, or Customized
	EPA	1.2 ft ²
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-30℃ TO 45℃;
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	20% - 90% RH
	Storage Humidity	20% - 95% RH
	Warranty	3years warranty with 24/7 operating hours Luminaire lifetime at 25℃

PACKAGE

Bracket Type	Carton Size	Qty /	Net Weight / Carton	Gross Weight / Carton
AM3、YM、FM	Outer box:395*325*379mm	4PCS	11.8KG	12.75KG
	Inner box:360*77*383mm	1PCS	2.35KG	2.95KG
AM	Outer box:470*385*379mm	4PCS	13.28KG	14.45KG
	Inner box::360*92*458mm	1PCS	2.68KG	3.32KG

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

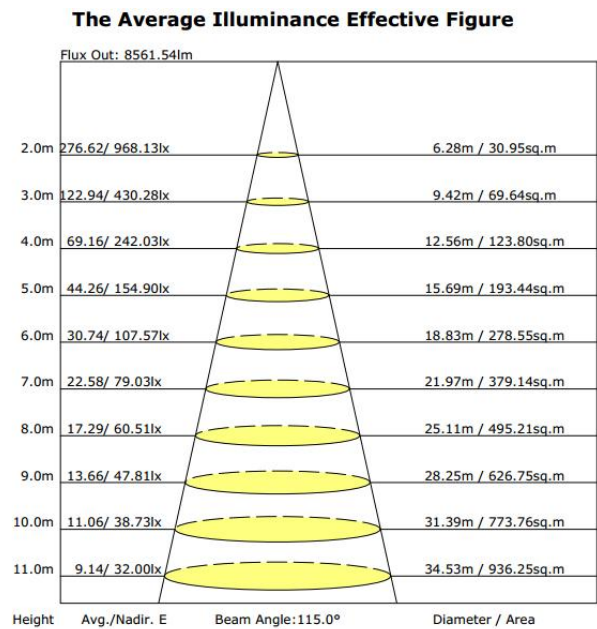
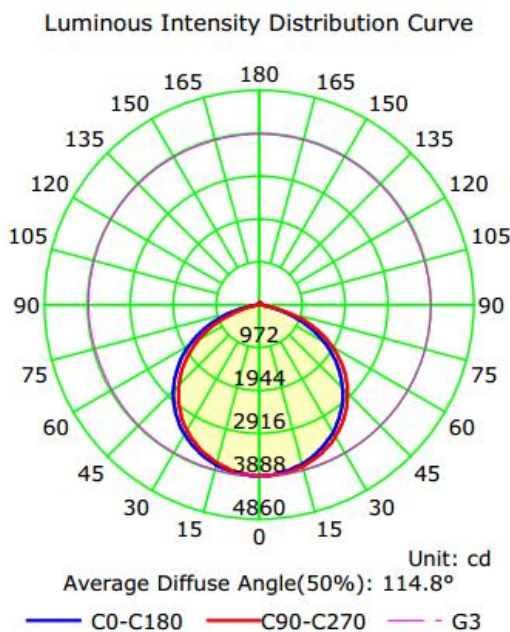
Luminaire Manufacturer:
Voltage: 120.0 V
Power: 94.84 W

Current: 0.819 A
Power Factor: 0.962

Photometric Results

CIE Class: Direct
Measurement Flux: 11086.7 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H153.7,H115.1
Vertical Diffuse Angle(10%,50%): V151.9,V114.8
Luminaire Efficacy Rating (LER): 116.95
Max. Intensity: 3888.75 cd
S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 11086.7 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 3872.5 cd
Pos of Max. Intensity: H67.5 V3
S/MH(C90/C270): 1.29



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.