



GREENTEK ENERGY SYSTEMS, LLC www.greentekes.com

P/N: GT-DFL-50WXY-acb

Note:

GT= Company name

DFL = Product series, LED Flood Light

50W = Rating Power

X= LED manufacturer, Bridgelux2835

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

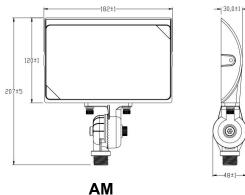
"a" can be any two letters for lamp colors, such as BR=Brown,WH=White.

"c" can be "XXK" for CCT;

"b" can be "AM", "KL", "YM" or "FM" for Mounting

DIMENSIONS

AM



YM



FM

179±3



ΥM 179±3 **FM**



ADVANTAGE

- UL 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

	Input Power (Tolerance : ±10%)	50W			
	Color Temperature	3000K	4000K	5000K	
	Lumen(Tolerance: ±10%)	5500LM	5650LM	5750LM	
	Efficacy(Tolerance : ±3%)	110LM/W	113LM/W	115LM/W	
OPTICAL	CRI	>80			
	Color Consistency	<7 Steps (or <7 SDCM)			
	Distribution Pattern	Clear Tempered Glass			
	Field Angle (10%) (Tolerance : ±15%)	120Degree			
	Input Voltage and	120VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.94			
	THD (Tolerance : +5%)	≤30%			
	Flicker Percent	100%			
ELECTRICAL	Driver Brand	N/A			
ELECTRICAL	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			
	LED Brand	Bridgelux			
	LED Type	SMD2835			
	LED QTY	75 PCS			
MATERIALS	Housing	Die-cast aluminum			
	Housing Color	Brown, Black, or Customized			
	EPA	0.4 ft²			
	Waterproof Rating	WET (IP65)			
	Operating Temperature	-30℃ TO 45℃;			
	Storage Temperature	-40℃ TO 80℃			
OTHERS	Operating Humidity	20% - 90% RH			
	Storage Humidity	20% - 95% RH			
	Warranty	3years			

PACKAGE

	Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM、YM、FM	ANA VNA ENA	Outer box:598*277*264mm	10PCS	9KG	9.68KG
	AIVIS TIVIS FIVI	Inner box:245*57*263mm	1PCS	0.67KG	0.9KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.3 V Current: 0.446 A Power: 51.90 W Power Factor: 0.967

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 6206.4 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 2147.04 cd Pos of Max. Intensity: H270 V2 Longitudinal Classification: Very Short

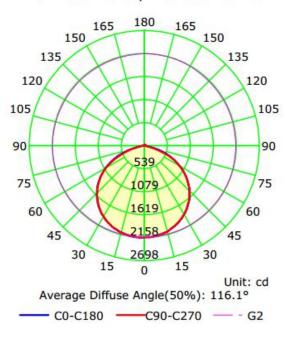
Measurement Flux: 6206.4 lm

Downward Ratio: 99%

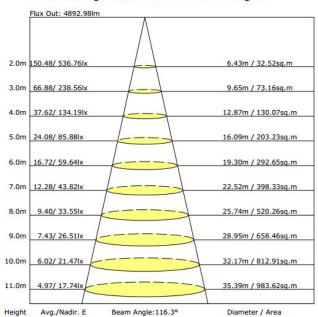
Luminaire Efficacy Rating (LER): 119.63

Max. Intensity: 2158.84 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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.