

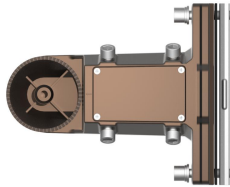
**AM**



**DM**

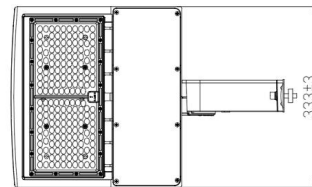
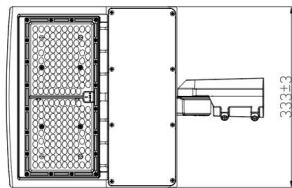
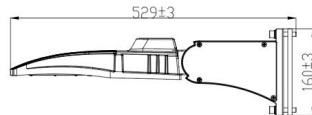
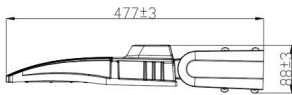


**FM**



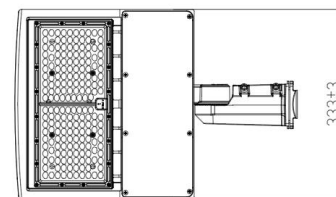
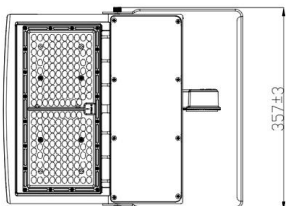
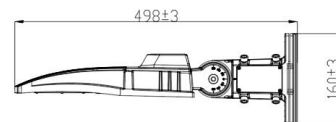
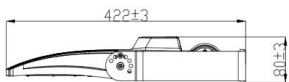
**UB**

## DIMENSIONS



**AM**

**DM**



**FM**

**UB**

**GREENTEK ENERGY SYSTEMS, LLC**

[www.greentekes.com](http://www.greentekes.com)

**P/N: GT-AL4-100W-N-DLhbdB3-age**

Note:

GT= Company name;

AL4 = Product series, LED Shoebox Light;

100W = Rating Power;

N-DL=AC120-277V Dimming driver;

“h” can be “S” or “20SP” for Surge-protective Device type provided or blank for no Surge-Protective Device provided;

“b” can be “3RP”, “P”, “5RP”, “5NP”, “7RP” or “7NP” for Photocontrol type provided or blank for no Photocontrol provided;

“d” can be “DM”, “DP”, “Z”, “ZM”, “ZP” or blank for DC sensor type provided or not;

“B” =Lumileds LED;

“3” =TYPE III;

“a” can be any two letters to represent lamp colors , BR=Brown, BH=Black, or Customized;

“e” can be “AM”, “DM”, “UB” or “FM” to represent mounting bracket types;

“g” can be “XXK”for CCT, 40K=4000K,50K=5000K,57K=5700K;

## 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 1-10V;
- 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

- Outdoor basketball court, tennis court;
- Badminton court, the football field;
- The school playground, stadium;
- Community leisure entertainment plaza, road lamp etc;

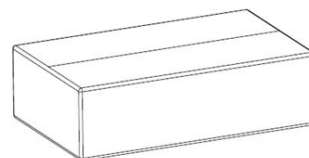
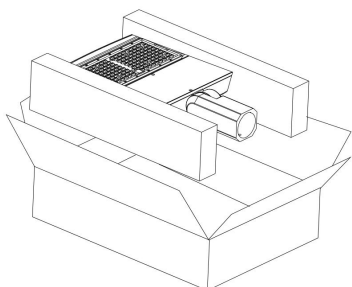
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	100W
	Color Temperature	4000K,5000K,5700K
	Lumen (Tolerance : $\pm 10\%$ )	16000-16300LM
	Efficacy (Tolerance : $\pm 3\%$ )	160-163LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	BUG	B3-U0-G3
	Distribution Pattern	Type III
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	150*95 Degree
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	$\geq 0.9$
	THD (Tolerance : +5%)	$\leq 20\%$
	Flicker Percent	<70%
	Driver Brand	Weledpower
	Driver Model	WP-CNB-100U-1A0SCPF1-ZA
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV
	Dimming	1-10V dimming standard
	Sensor Type	Occupancy Sensor, Exterior Photocell, Integral Sensor Receptacle
	Optional Accessory	Photocontrol, Surge-protective Device, DC Motion Microwave sensor, DC Motion PIR sensor, photocell receptacle, shorting cap
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	264 PCS
	Housing	Die-cast aluminum
	Housing Color	Brown, Black, or Customized
	EPA	1.3 ft <sup>2</sup>
	Waterproof Rating	WET (IP65)
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor: -40°C TO 45°C; With DC Motion Sensor: -30°C TO 45°C
	Storage Temperature	-40°C TO 85°C
	Operating Humidity	10% - 90% RH
	Storage Humidity	5% - 95% RH
	Warranty	5 years

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	565*385*155mm	1 PC	4.1Kg	4.9Kg
DM	565*385*155mm	1 PC	4.3Kg	5.1Kg
FM	565*385*155mm	1 PC	5.1Kg	5.9Kg
UB	565*385*155mm	1 PC	4.4Kg	5.2Kg

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



## 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.