



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N: GT-AL5-100W-N-DLhbdB3-age

Note:

GT=Company name

AL5=Product series,LED Shoebox Light

100W=wattage;

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 "DP" or blank for DC Photocell provided or not;

"B" =Lumileds LED;

"3" =TYPE III;

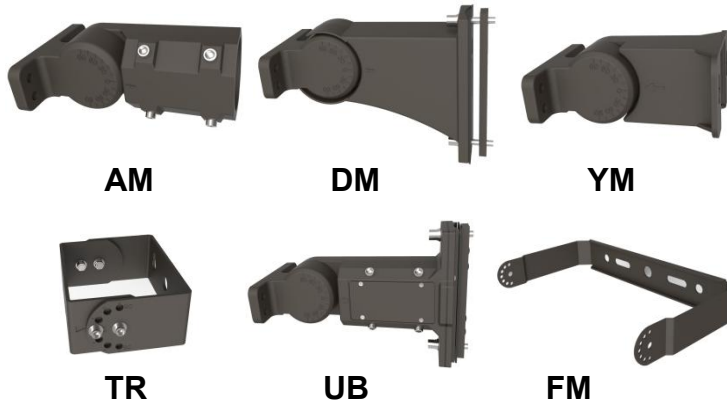
"a" can be any two letters to represent lamp colors,such as

BR=Brown, BH=Black;

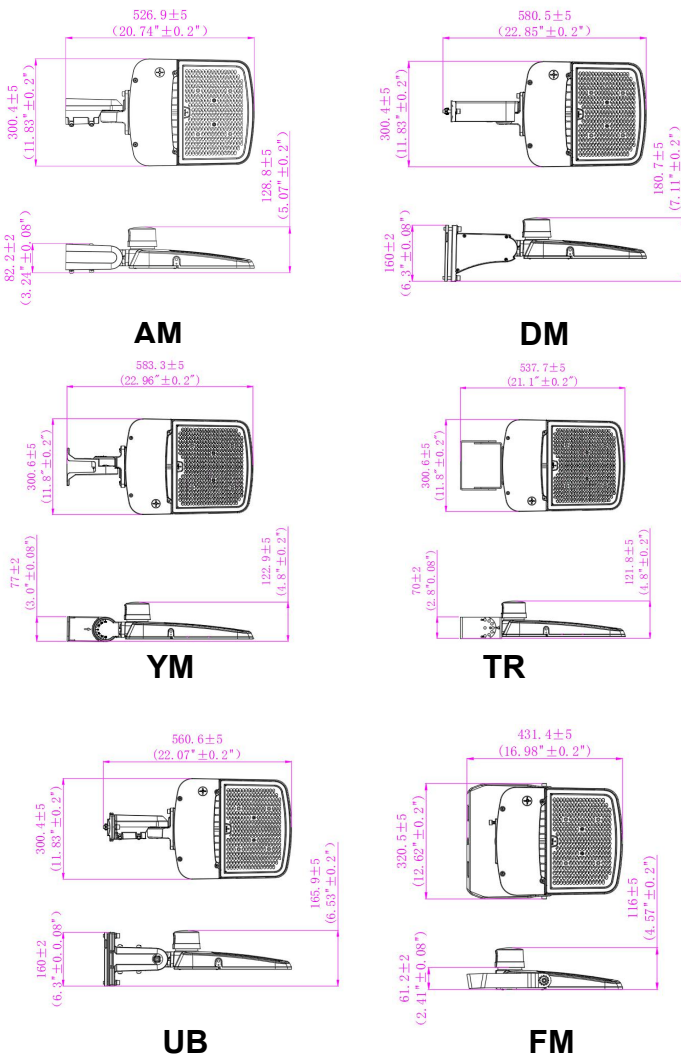
"g" can be "XXK" for CCT,

such as 40K=4000K,50K=5000K,57K=5700K;

"e" can be "AM", "DM", "YM", "TR", "UB", "FM" for bracket type.



DIMENSIONS



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

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

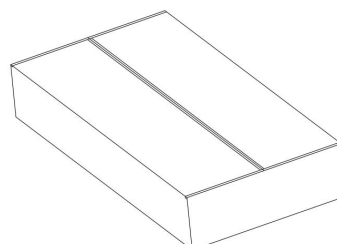
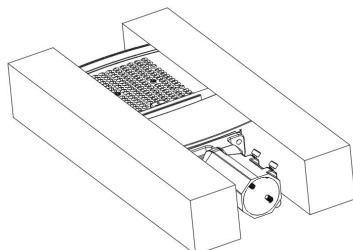
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	100W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	13700LM	13900LM	14200LM
	Efficacy (Tolerance : ±3%)	137LM/W	139LM/W	142LM/W
	CRI	>80		
	Color Consistency	<6 Steps (or <6 SDCM)		
	BUG	B3-U0-G3		
	Distribution Pattern	Type III		
	Beam Angle (50%) (Tolerance : ±15%)	(142° *86°)		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<30%		
	Driver Brand	ASMART		
	Driver Model	HB-PM100W-450V		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard		
	Sensor Type	Exterior Photocell, Integral Sensor Receptacle		
	Optional Accessory	Photocontrol, Surge-protective Device, photocell receptacle , shorting cap,DC plug light control;		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD 2835		
	LED QTY	212pcs		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, White or Customized		
	EPA	1.29 ft ²		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-40°C TO 45°C;		
	Storage Temperature	-25°C TO 85°C		
	Operating Humidity	5% - 95% RH		
	Storage Humidity	5% - 95% RH		
	Warranty	5 years		

PACKAGE

Bracket Type	Carton Size	Qty /	Net Weight / Carton	Gross Weight /
AM	605*335*138mm[23.82*13.19*5.43 in]	1 PC	3.6kg (7.92LBS)	4.6kg (10.12LBS)
DM		1 PC	4.1kg (9.02LBS)	5.1kg (11.22LBS)
YM		1 PC	3.8kg (8.36LBS)	4.8kg (10.56LBS)
TR		1 PC	4.0kg (8.8LBS)	5kg (10LBS)
UB		1 PC	5.4kg (11.88LBS)	6.4kg (14.08LBS)
FM	585*335*138 mm[23.03*13.19*5.43 in]	1 PC	3.6kg (7.92LBS)	4.6kg (10.12LBS)

Tolerance of Carton Size: ±15 mm [±0.59 in], Tolerance of Weight: ±10%.



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.