Tanlite Lighting
sales@tanlite.com
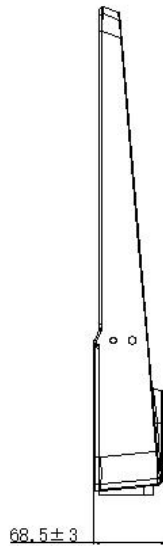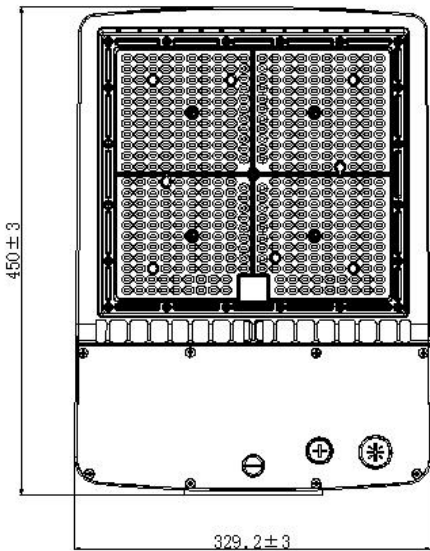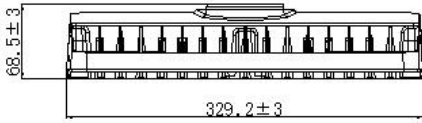www.tanlite.com
510-556-0948

AM   **DM**   **A&D**

YM   **FM**

ADVANTAGE

➤ 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；

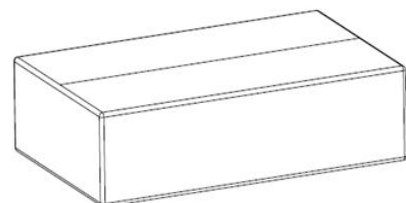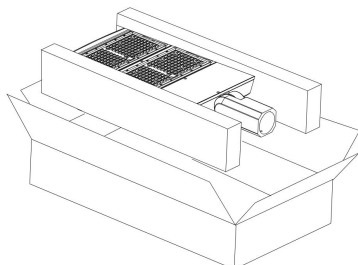➤ Green and eco-friendly without mercury；

DIMENSIONS

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W (Wattage Tunable：300W 220W 150W)	
	Color Temperature	2700K-3500K	4000K-6500K
	Lumen (Tolerance : -10%)	36000-40500 LM	40500-42000 LM
	Efficacy (Tolerance : -3%)	120-135 LM/W	135-140 LM/W
	CRI	>80	
	Color Consistency	＜6 Steps (or ＜6 SDCM)	
	BUG	B4-U3-G4	
	Distribution Pattern	Type Ⅲ (Optional: TYPE Ⅳ and TYPE Ⅴ)	
	Beam Angle (50%) (Tolerance : ±15%)	155*90 Degree Type Ⅲ	
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz	
	PF (Tolerance : -3%)	≥0.9	
	THD (Tolerance : +5%)	≤20%	
	Flicker Percent	＜40%	
	Driver Brand	HBE	
	Driver Model	HB-PME150W-450V*2	
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV	
	Dimming	1-10V dimming standard	
	Sensor Type	Occupancy Sensor、Exterior Photocell、Integral Sensor Receptacle	
	Optional Accessory	Photocontrol, Surge-protective Device, DC Motion Mircowave sensor, DC Motion PIR sensor，photocell receptacle，shorting cap	
MATERIALS	LED Brand	Lumileds	
	LED Type	SMD2835	
	LED QTY	212*2 PCS	
	Housing	Die-cast aluminum	
	Housing Color	Brown, Black, or Customized	
	EPA	1.8 ft²	
	Waterproof Rating	WET（IP65）	
OTHERS	Operating Temperature	Without Motion Sensor: -35℃ TO 50℃; With Motion Sensor: -30℃ TO 50℃	
	Storage Temperature	-25℃ TO 85℃	
	Operating Humidity	5％ - 95％ RH	
	Storage Humidity	5％ - 95％ RH	
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃.	

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	720*385*155 MM	1 PC	4.9Kg	6.1Kg
DM	720*385*155 MM	1 PC	5.7Kg	6.9Kg
YM	700*385*155 MM	1 PC	4.8Kg	7Kg
A&D	750*385*155 MM	1 PC	6.1Kg	7.3Kg
FM	700*385*155 MM	1 PC	4.9Kg	6.8Kg

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.
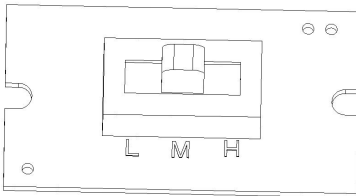
LIGHT DISTRIBUTION TESTING PARAMETERS   < Type Ⅲ >

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.

SPECIAL FUNCTIONS INSTRUCTION:

Wattage adjustable instruction

Turn the wattage adjustable knob to a certain wattage gear, the power of the lamp

will change to the corresponding wattage.

Adjustable wattage range 25%-100%.

Note: Please turn off the power before adjusting the wattage.