



100W LED Pole Lights



LED FLOOD LIGHT







TΜ

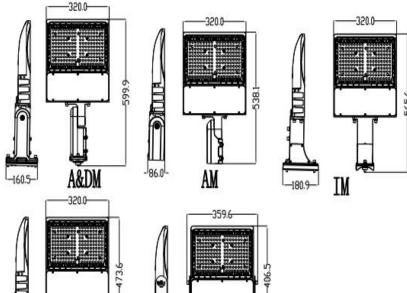
A&D

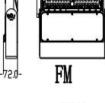
DIMENSIONS

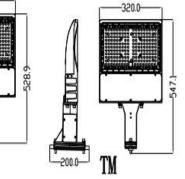
YM

320.0

DM







WEN LIGHTING

E-mail: info@wenlighting .com www.wenlighting.com

P/N:WEN-SB03D-100WJT3A1-abcdef

Where"a" can can any two letters represent lamp colors; "BH = Black、WH=White、BR=Brown or Customized" "b" can be"3RP", "3NP", "5RP", "5NP", "7RP" or "7NP" for Photocontrol type provided or blank for no Photocontrol provided;

"c" can be "10SP" or "20SP" for Surge-Protective Device type provided or blank for no Surge-Protective Device provided;

"d" can be "Z", "ZP", "ZM" or blank, "Z" = DC Sensor Receptacle provided, "ZP" = DC Sensor Receptacle and DC photocontrol provided, "ZM" = DC Sensor Receptacle and DC motion sensor provided, blank = no DC Sensor Receptacle provided;

"e" can be "AM", "DM", "YM", "A&DM", "TM", "IM"or "FM" to represent mounting bracket types;

"f" can be any two digits to represent CCT.

ADVANTAGE

- UL DLC certificate.
- Bridgelux Chip, high CRI.
- > IP65 driver, input voltage120-277VAC.
- 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

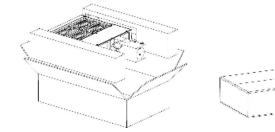
- Factory floor, libraries, square, park;
- > Supermarkets, railway stations, exhibition hall;
- Convention and exhibition center, warehouse;
- Advertising lighting, etc

SPECIFICATIONS

	Input Power (Tolerance : ±10%)	100W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	13500LM	13500LM	13500LM	13500LM
	Efficacy (Tolerance : -3%)	135 LM/W	135 LM/W	135 LM/W	135 LM/W
OPTICAL	CRI	>70			
	Color Consistency	<6 Steps (or $<$ 6 SDCM)			
	BUG	B3-U0-G3			
	Distribution Pattern	Type III			
	Beam Angle (50%) (Tolerance : ±15%)	160*115 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz;			
	PF (Tolerance : -3%)	≥ 0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	<50%			
	Driver Brand	Daermay			
	Driver Model	MP-100TG-130A			
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV			
	Dimming	0-10V dimming standard			
	Optional Accessory	Photocontrol, Surge-protective Device, Zhaga,			
		Zhaga Motion Sensor, Zhaga photocontrol			
MATERIALS	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	120 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Brown, Black,	or Customized		
	EPA	1.32ft ²			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	Without Motion Sensor: -30 $^\circ\!\mathrm{C}$ TO 50 $^\circ\!\mathrm{C}$; With Motion Sensor: -20 $^\circ\!\mathrm{C}$ TO 50 $^\circ\!\mathrm{C}$			
	Storage Temperature	-40℃ TO 8	5°C		
	Operating Humidity	20% - 90%	RH		
	Storage Humidity	20% - 95% RH			
	Warranty	5 years warrar	ity with 24/7 operat	ting hours Luminai	re lifetime at 25℃.

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	605*370*170mm	1 PCS	5.2KG	6.4KG
DM	605*370*170mm	1 PCS	4.7KG	5.9KG
YM	605*370*170mm	1 PCS	4.6KG	5.8KG
FM	460*370*165mm	1 PCS	4.8KG	6KG
IM	605*370*170mm	1 PCS	6.7KG	7.5KG
ТМ	605*370*170mm	1 PCS	5.5KG	6.6KG
A&D	605*370*170mm	1 PCS	5.3KG	6.5KG



DISTRIBUTION

PARAMETERS

Luminaire Property

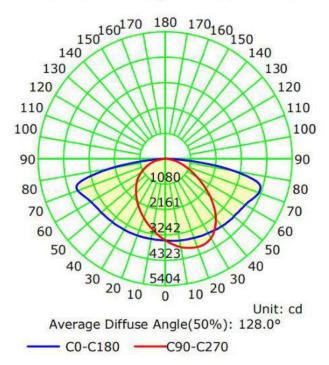
Luminaire Manufacturer: Luminaire Category: Lamp Catalog: Number of Lamps: Luminous Length (mm): Luminous Height (mm): Current: 0.860 A Power Factor: 0.995

Luminaire Description: Lamp Description: Lumens per Lamp: Luminous Width (mm): Voltage: 120.0 V Power: 102.37 W

Photometric Results

IES Classification: Type III Total Rated Lamp Lumens: 14064.6 lm Efficiency: 100% Upward Ratio: 0% COr0 Intensity: 3474.43 cd Pos of Max. Intensity: H15 V72 Longitudinal Classification: Medium Measurement Flux: 14064.6 lm Downward Ratio: 100% Luminaire Efficacy Rating (LER): 137.44 Max. Intensity: 4323.8 cd

Luminous Intensity Distribution Curve



Dist(m) Enadir(Ix) Dh/Dv_B(m) S_B(sq.m) Eav_B(Ix) 3474.43 13.37/2.11 47.6 124.37 1.0 2.0 868.61 26.74/4.22 190.4 31.09 3.0 386.05 40.11/6.33 428.4 13.82 4.0 217.15 53.48/8.43 761.6 7.77 5.0 138.98 66.84/10.54 1190.0 4.97 96.51 80.21/12.65 1713.5 3.45 6.0 7.0 70.91 93.58/14.76 2332.3 2.54 8.0 54.29 106.95/16.87 3046.3 1.94 42.89 120.32/18.98 3855.5 1.54 9.0 10.0 34.74 133.69/21.08 4759.8 1.24 Dv Beam Angle(B): H163.0 V93.0 Field Angle(F): H173.4 V157.3

Illuminance at a Distance

TESTING

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.		