



LED Lights

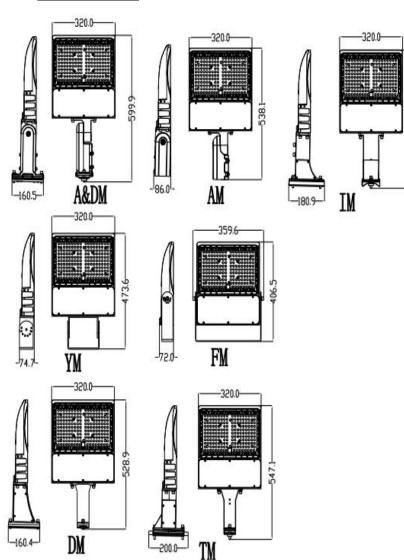








DIMENSIONS



WEN LIGHTING

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

P/N:WEN-SB03D-200WJT3A1-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

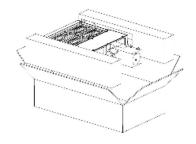
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- > The school playground, stadium.
- Community leisure entertainment plaza,

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	200W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	24400 LM	24400 LM	24400 LM	24400 LM
	Efficacy (Tolerance : -3%)	122 LM/W	122 LM/W	122 LM/W	122 LM/W
	CRI	>70			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B4-U0-G4			
	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-200TG-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			
	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	170 PCS			
MATERIALS	Housing	Die-cast alumir	num		
	Housing Color	Brown, Black,	or Customized		
	EPA	1.32ft²			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	Without Motion Sensor: -30℃ TO 50℃; With Motion Sensor: -20℃ TO 50℃			
	Storage Temperature	-40°C TO 85	5℃		
	Operating Humidity	20% - 90% F	RH		
	Storage Humidity	20% - 95% RH			
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25 $^{\circ}$ C.			

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
TM	605*370*170mm	1 PCS	5.5KG	6.6KG
A&D	605*370*170mm	1 PCS	5.3KG	6.5KG





LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer: Luminaire Category: Lamp Catalog: Number of Lamps: Luminous Length (mm): Luminous Height (mm): Current: 1.707 A

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

Power: 202.86 W

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 25053.4 lm

Efficiency: 100% Upward Ratio: 0%

Power Factor: 0.994

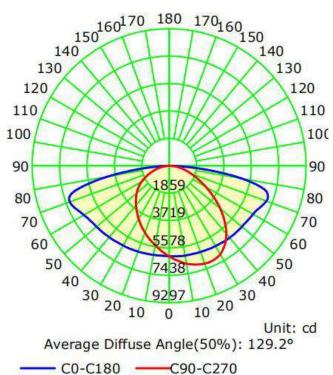
C0r0 Intensity: 6143.51 cd Pos of Max. Intensity: H165 V73 Longitudinal Classification: Medium Measurement Flux: 25053.4 lm

Downward Ratio: 100%

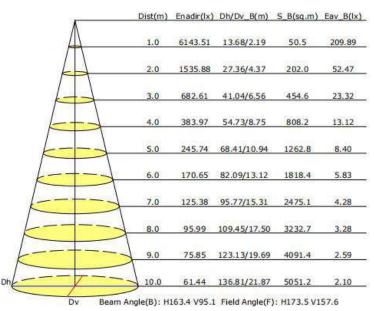
Luminaire Efficacy Rating (LER): 123.55

Max. Intensity: 7438.24 cd

Luminous Intensity Distribution Curve



Illuminance at a Distance



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.		