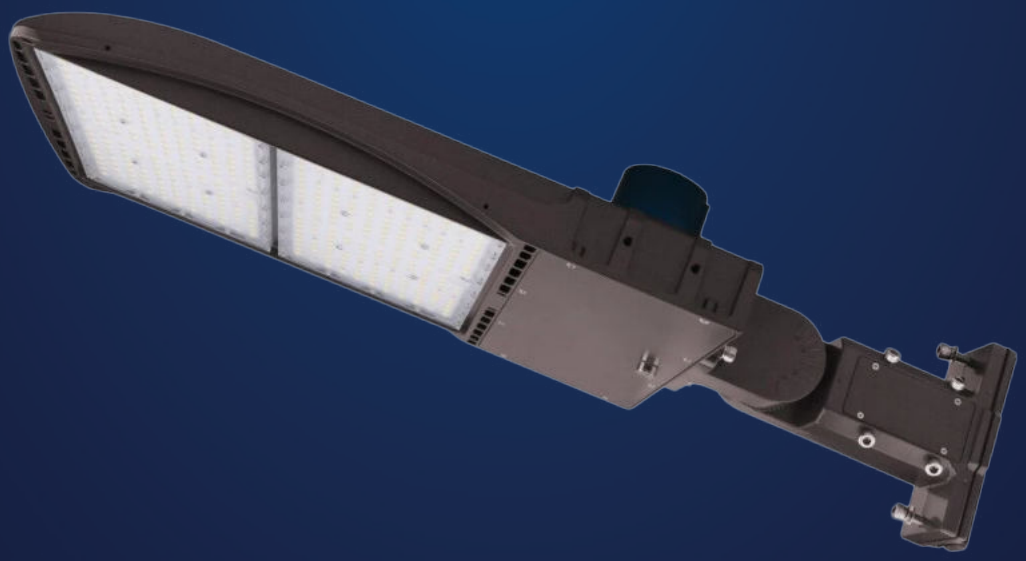
wen
LIGHTING

5 years warranty

300W
LED Pole Lights

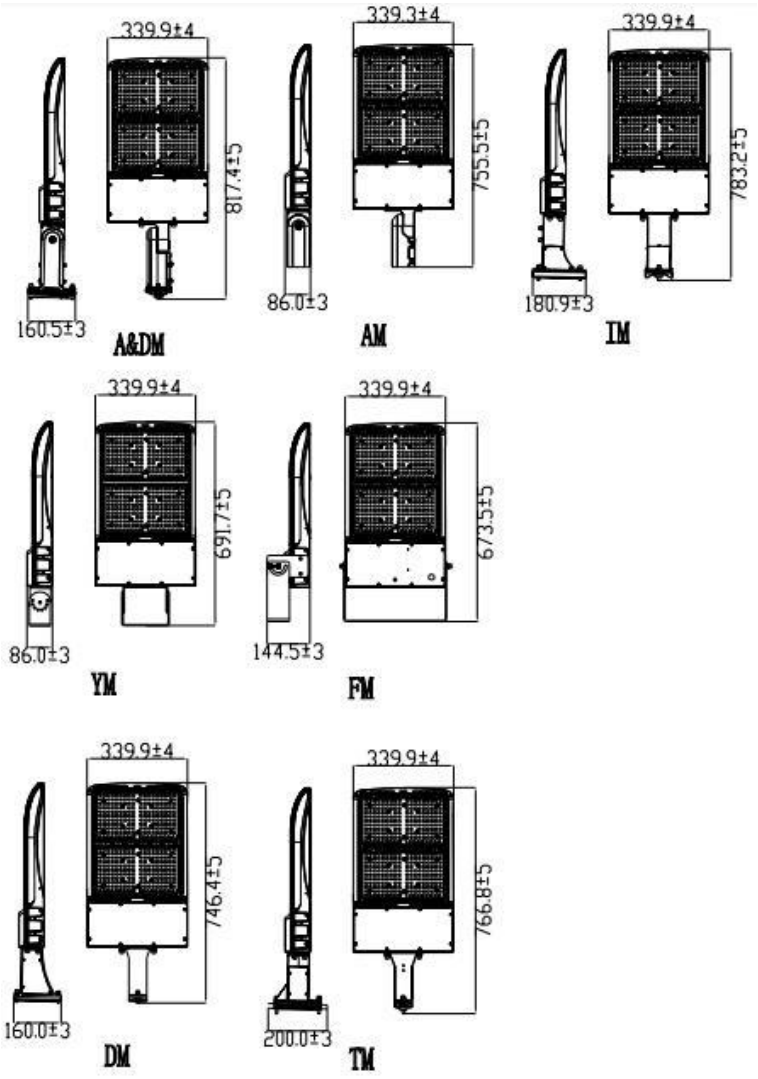


WEN LIGHTING
E-mail: info@wenlighting .com
www.wenlighting.com

P/N:WEN-SB03D-300WJT3A1-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.

DIMENSIONS



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

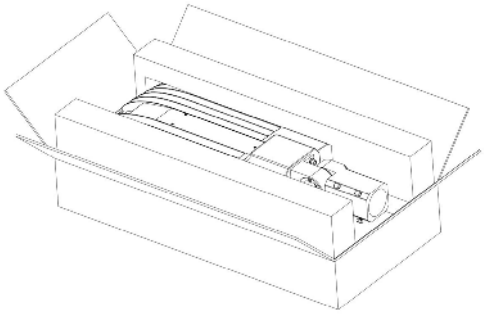
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,

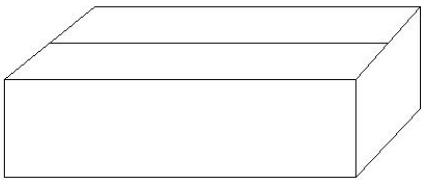
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	40500 LM	40500 LM	40500 LM	40500 LM
	Efficacy (Tolerance : -3%)	135 LM/W	135 LM/W	135 LM/W	135 LM/W
	CRI	>70			
	Color Consistency	＜6 Steps (or ＜6 SDCM)			
	BUG	B4-U0-G5			
	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-150TG-130A*2			
	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	340PCS			
	Housing	Die-cast aluminum			
	Housing Color	Brown, Black, or Customized			
	EPA	2.3ft²			
	Waterproof Rating	WET（IP65）			
OTHERS	Operating Temperature	Without Motion Sensor: -30℃ TO 50℃; With Motion Sensor: -20℃ TO 50℃			
	Storage Temperature	-40℃ TO 85℃			
	Operating Humidity	20％ - 90％ RH			
	Storage Humidity	20％ - 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	820*390*165MM	1 PCS	9.1KG	10.8KG
DM	820*390*165MM	1 PCS	8KG	9.9KG
YM	820*390*165MM	1 PCS	9.1KG	10.8KG
FM	605*390*175MM	1 PCS	8.5KG	10.4KG
A&D	820*390*165MM	1 PCS	9.1KG	10.8KG
TM	820*390*165MM	1 PCS	9.1KG	10.8KG
IM	820*390*165MM	1 PCS	9.1KG	10.8KG





LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.516 A
Power Factor: 0.993

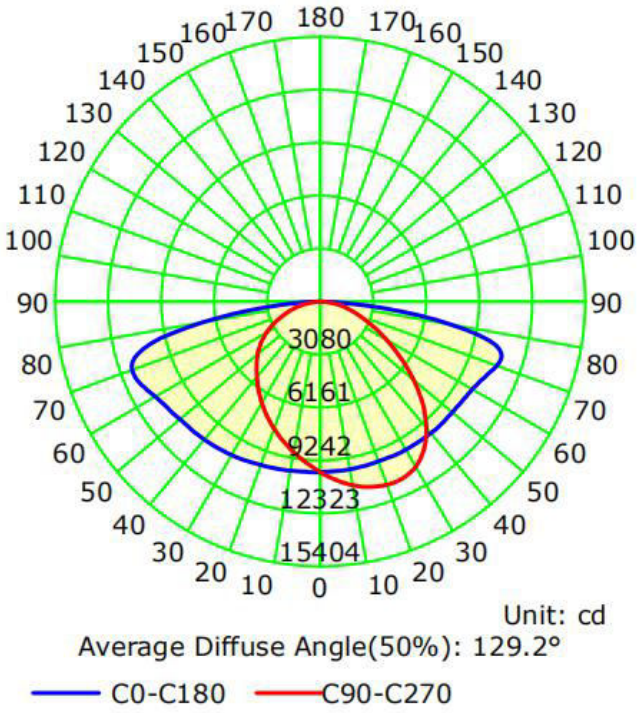
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 300.98 W

Photometric Results

IES Classification: Type III
Total Rated Lamp Lumens: 40425.2 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 9933.77 cd
Pos of Max. Intensity: H165 V72

Longitudinal Classification: Medium
Measurement Flux: 40425.2 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 134.36
Max. Intensity: 12323.63 cd

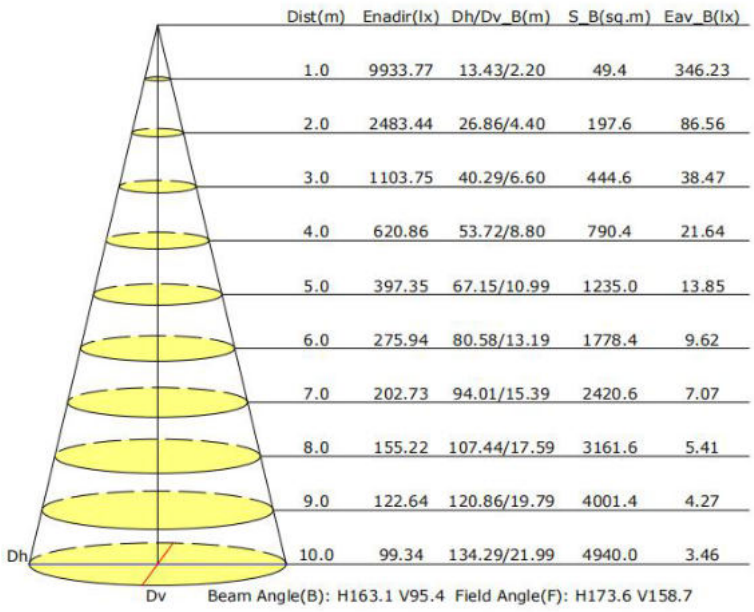
Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 129.2°

C0-C180 C90-C270



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.