wen
LIGHTING

5 years warranty

LED
Flood Light

TECHNICAL DATA SHEET

Type C

Type A

Type B

NAME: LED Flood Light

P/N: WEN-FL06-50WCT1A1-aaK

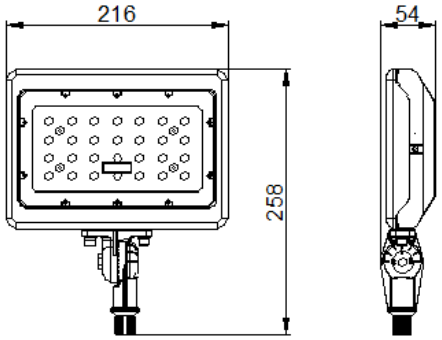
Advantage:

- UL cUL DLC certificate
- Seoul Semiconductor Chip, high CRI
- China brand IP65 driver,
  Input voltage 100-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, Long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury.

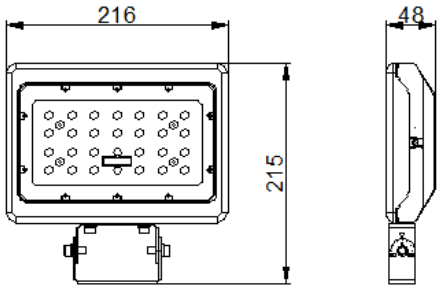
Application:

- Factory floor, libraries, square, park;
- Supermarkets, railway stations;
- Advertising lighting, etc.

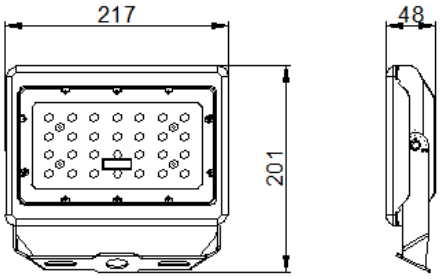
Type A



Type B



Type C



TECHNICAL DATA SHEET

Product Specifications

Product name	LED Flood Light
Part No	WEN-FL06-50WCT1A1-aaK
Dimension	Type A：258*216*54 mm
	Type B：215*216*48 mm
	Type C：201*217*48mm

Technical Characteristic

Color temperature	3000K/3500K/4000K/4500K/5000K/5700K
CRI	>80
Lumen	5750-6250 LM
Input Power	50W
Beam Angle(10%)	150°
Beam Angle(50%)	110°
Input Voltage	100-277Vac 50/60Hz
Driver model	Driver
Optional	Surge Protection Device
PF	>0.9
Waterproof Rating	WET (IP65)

Materials

LED Brand	SEOUL SEMICONDUCTOR
LED Type	Acrich MJT- 3030
LED QTY	56PCS
Housing	Aluminum +PC+Steel
Housing color	Black、Brown

Others

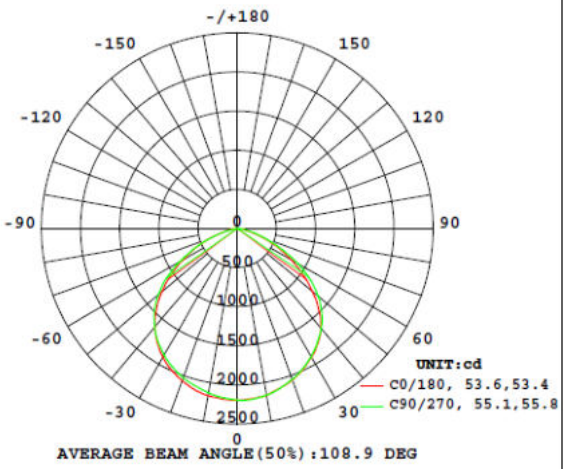
Operating Temperature	-20℃ TO 45℃
Operating Humidity	20％-90％ RH
Storage Temperature	-30℃ TO 80℃
Storage Humidity	10％-95％
Application	Outdoor / Indoor
Safety Certification	UL、cUL、DLC
Warranty Time	5 Years

TECHNICAL DATA SHEET

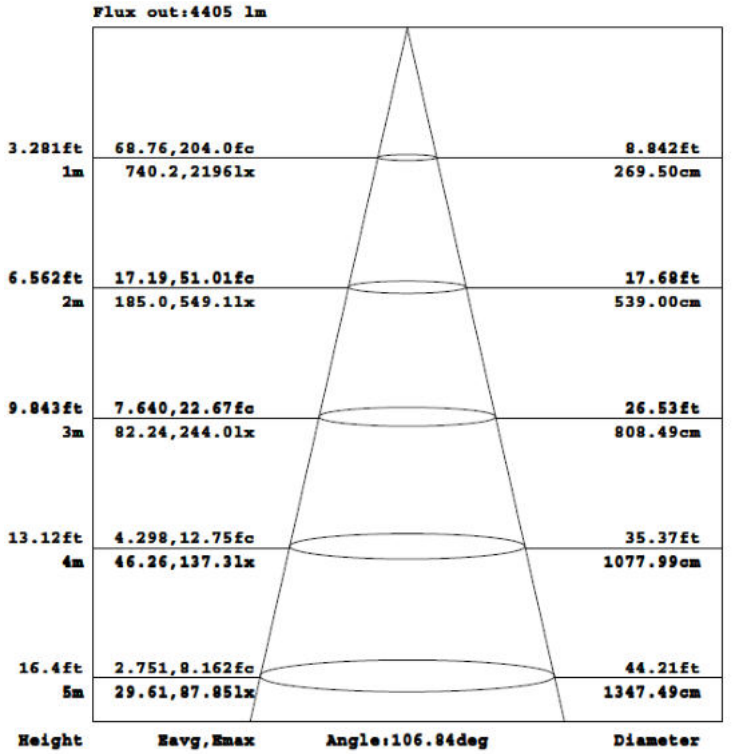
Light Distribution Testing Parameters

DATA OF LAMP		PHOTOMETRIC DATA Eff: 116.24 lm/W			
MODEL		Imax(cd)	2198	S/MH(C0/180)	1.29
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	5763.0	η UP,DN(C0-180)	0.1,50.3
NOMINAL FLUX(lm)	5763.0	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.5
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	99.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



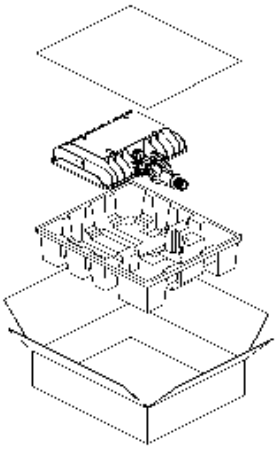
AVERAGE BEAM ANGLE(50%):108.9 DEG

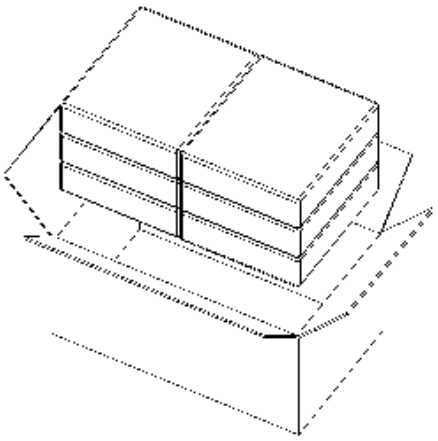


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Package

		Type A	Type B	Type C
Lamps Net Weight		1.64 kg	1.64 kg	1.62 kg
Inner box	size	305*260*77mm		
	Qty/ Carton	1 PCS		
	Weight/ Carton	2.0 kg	2.0 kg	1.98 kg
Outer box	size	535*325*255 mm		
	Qty/ Carton	6 PCS		
	Weight/ Carton	12.8 kg	12.8 kg	12.7 kg





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