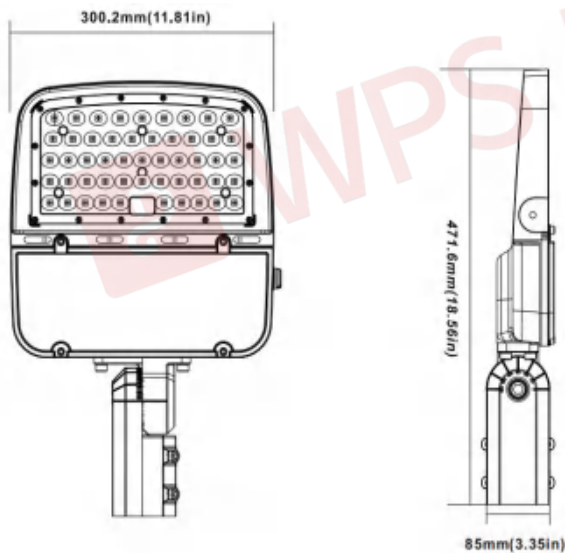
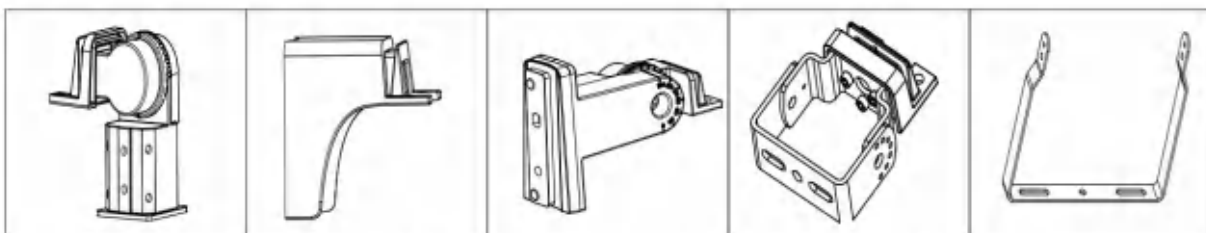
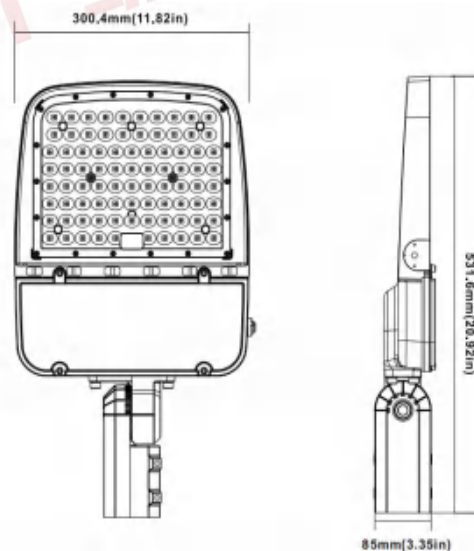


PRODUCT DESCRIPTION:

The PLC Series LED Parking Lot light has DOME Integrated design, which is mostly used for industrial and commercial applications such as road and area lighting, parking decks, auto dealerships, high masts, housing complexes, shopping malls, sporting complexes and fields, parks and recreational areas and municipal lots.

FEATURES:

- Unique Shell design with best cooling system
- Heavy duty die-cast aluminum housing
- 10kV surge protection
- Fully sealed to be dirt and bug proof
- High quality tempered glass optics
- Integral secondary heat sink to optimize thermal transfer and maximize performance
- Driver is mounted in direct contact with the casting for low operating temperature and long life
- Polyester powder-coated finish, rust and corrosion proof, stabilized to extreme climate changes without cracking or peeling


DIMENSIONS
75W / 100W / 150W

200W / 240W


Bracket "A"
Slip Fitter

Bracket "B "
Arm for square/round pole

Bracket "B2"
Adjustable Arm

Bracket "C"
Trunnion

Bracket "F"
YOKE

PLC Series LED Parking Lot Light

SPECIFICATIONS:

GENERAL PARAMETERS	Details				
Model	ML-PLC75W	ML-PLC100W	ML-PLC150W	ML-PLC200W	ML-PLC240W
Input Wattage (W)	75W	100W	150W	200W	240W
Lumens Delivered (LM)	9,750LM	13,000LM	19,500LM	26,000LM	31,200LM
Efficacy (LM/W)	130LM/W				
CRI	>70				
Lifespan	50,000 hours				
Color Temperature	3,000K / 4,000K / 5,000K / 5,700K				
Wattage Equivalent	75W	250W	400W	500W	600W
Dimmable	YES for Option				
IP Rating	IP65				
Beam Angle	TYPE III / TYPE IV / TYPE V				
Input Voltage	AC100-277V / AC220-480V				
Power Factor	>0.95				
Housing	Dia-Casting Aluminum				
Lens	Clear				
THD	15%				
Mounting	Slip Fitter, Trunnion, YOKE, Arm for Pole Mounting				
Weight (LBS)	3.5kgs(7.72lbs)	3.5kgs(7.72lbs)	3.5kgs(7.72lbs)	4.8kgs(10.58lbs)	4.8kgs(10.58lbs)
Size	20.92" x 11.82" x 3.35"			20.92" x 11.82" x 3.35"	
Certification	DLC, ETL, ROHS				
Operating Temperature	-40°C to 50°C				
Environment	Outdoor				
Warranty	5 years				

Technical Specifications

#Certificate

RoHS approved

This product is tested by independent lab. with all green material.

DLC & ETL approved

This product have passed DLC & ETL testing and is fully DLC & ETL approved.

IESNA LM-79 and LM-80 Testing

JMK light fixture have been tested by independent lab. in accordance with IESNA LM-79 and LM-80 Testing

#LED Characteristics

Lifespan

100000 hours LED lifespan based on IES LM-80 results and TM-21 Calculation.

Color Consistency

7-step MacAdam Ellipse binning to achieve consistent one by one color.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 50000 hours.

Color Uniformity:

Minglight's range of CCT follows the guidelines of the American National standard for specification for the chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

#Smart Engine

Dimming Driver

1-10V Dimming optional

Smart Sensor

Motion sensor optional
Photocell optional

#Installation

IES Classification:

Type III/IV/V beam angles, the lighting output produces a oval shape distribution to cover the area.

Mounting:

This product is direct mounting by bracket for Pole
The application including parking lot Streets, Stadium, Road area lighting outdoor plaza, Industrial facilities.

#IP Rating

Ingress Protection rating of IP65
IP65 for dust and water

Greenity:

Mercury or UV free. RoHS compliant components. Package boxes are made with recyclable material.

#Smart solution options

Accessory	Pictures	Function
Photocell		Automatically turn on under 10Lx Automatically turn off above 50Lx
Motion sensor		Automatically turn on when detect motion Automatically turn off when no motion detected in 1 minutes (delay can be set)

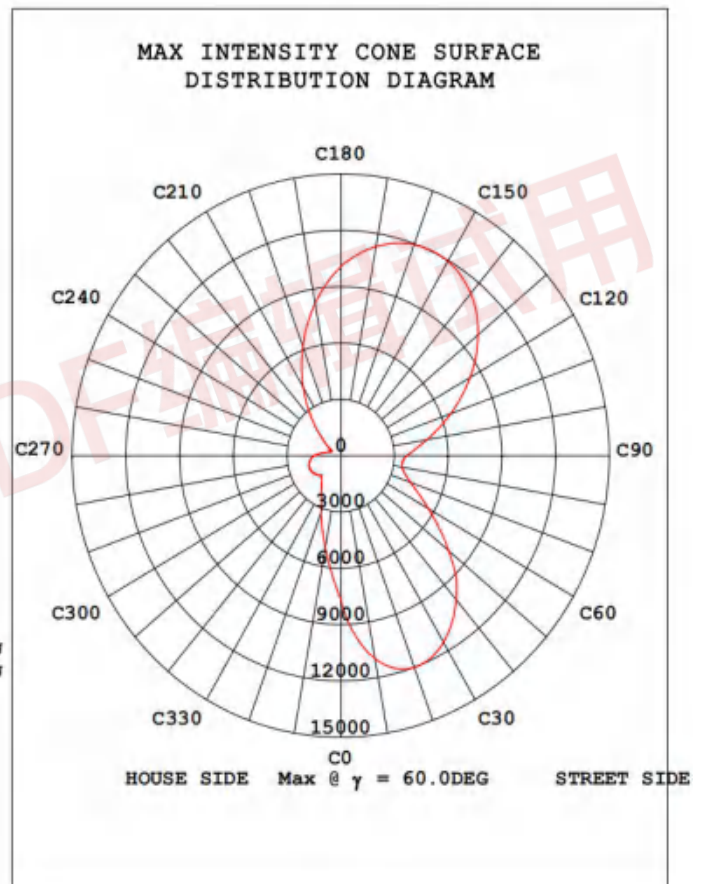
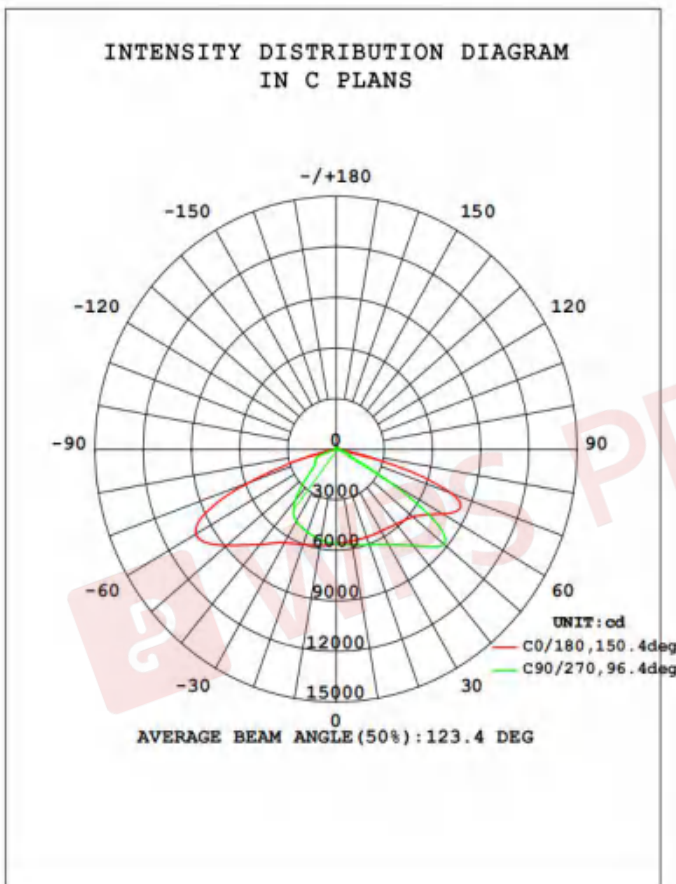
#Trouble Shooting

Problem	Possible Cause	Solutions
LEDs stop working	The power line is improperly connected.	Reconnect the power cable.
	The power plug is loose.	Firmly plug the power in.
	The LED driver malfunctions.	Replace with new driver.
	The LED chip is damaged.	Replace with new LEDs.
LEDs flash on and off	The output of the driver is abnormal.	Replace with new driver.
	The LED chip breaks down.	Replace with new LED chip.

PLC Series LED Parking Lot Light

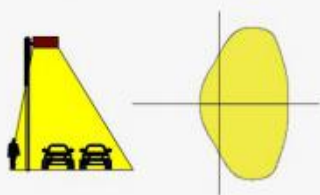
PHOTOMETRICS

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 130.22 lm/W
MODEL	PLC-200W-5000K	Imax (cd)	10730	η street_up(%)	0.7	
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	59.0	
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	25992	η house_up(%)	1.1	
NOMINAL FLUX(lm)	25991.8	MAXIMUM @ (C, γ)	135,60.0	η house_down(%)	39.2	
LAMPS INSIDE	1	η up(%)	1.8	76 FLASHAREA(m2)	0.05000	
TEST VOLTAGE(V)	220	η down(%)	98.2	SLI	22.893	

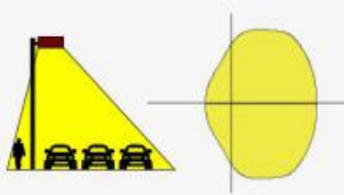


LIGHT DISTRIBUTION

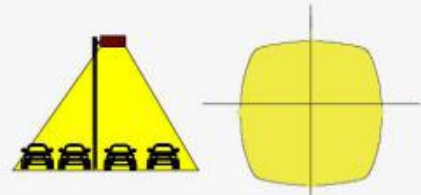
TYPE III



TYPE IV



TYPE V



PLC Series LED Parking Lot Light

INSTALLATION



Family	Wattage	Input Voltage	Color Temperature	Bracket Type	Beam Angle
PLC Series Parking Lot Light	75W	277=100-277V	30=3000K	A=Slip Fitter	T3=TYPE III
	100W	480-220-480V	40=4000K	B=Square Arm	T4=TYPE IV
	150W		50=5000K	B2=Adjust Arm	T5=TYPE V
	200W		57=5700K	C=Trunnion	
	240W			F=YOKE	

Example
ML-PLC150W-277-50-A-T3
Represents:
PLC Series LED Parking Lot Light 150W, Cool White Color Temperature 5000K, 100-277Vac Input Voltage, Slip Fitter Bracket and Type III Beam Angle

PLC Series LED Parking Lot Light

Project Cases of MINGLIGHT



#Warranty & Service

J M K M G L warrants that our LED products will be free from defect in material and workmanship for a period of 5 years from the data of delivery left the factory including coverage of light output, color stability, driver performance and fixture.

Tech Support Line:+86-13425167519or +86-755-28343760 Email: I N F O @j m k s z . c o m Website: www.jmk-tech.com

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