

FLOOD LIGHT FL08

Description:

The FL08 luminaire is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. Its rugged cast aluminum housing minimizes wind load requirements and features an integral, watertight LED driver compartment and high performance aluminum heat sinks.

Features:

Construction:

- Housing, electrical compartment and fitter are all made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards.
- Door frame features an integral accessory channel for the mounting of optional light control accessories.
- Vented housing isolates LED module from driver, product life and performance.
- Doorframe seals to housing with a continuous extruded silicone gasket.

Optics:

- Optics (NEMA Type): 7H*6V.
- Scalable Lumen Packages from 1,950 to 26,000 Lumens.
- Provides the best combination of vertical and horizontal illumination while reducing light behind the poles.
- High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

Electrical:

- Universal 120-277V AC
- Both drivers have a power factor >90%, THD <20%, and an expected life of 100,000 hours.

Lifespan:

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.



1/2" Knuckle Mount-45W



Yoke Mount-100W



Slip Fitter Mount-100W



Applications:

- Include Parking Lots
- Walkways
- Campuses
- Car Dealership
- Office Complexes
- Internal Roadways

Accessories:

Photocell

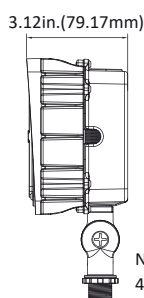
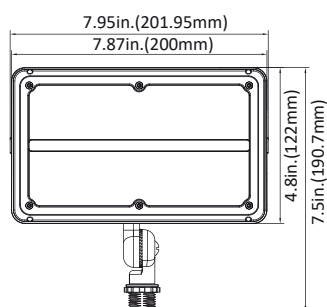
Part No.: PC-JL-120-277V

NOTE: Photocell is field installed or pre-installed in factory by requesting



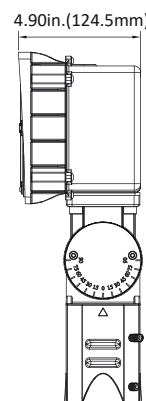
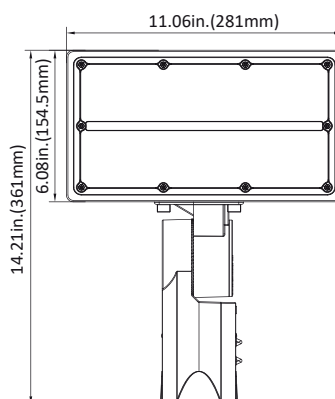
Dimensions:

45W(Knuckle Mount)



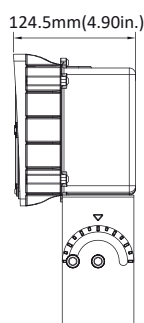
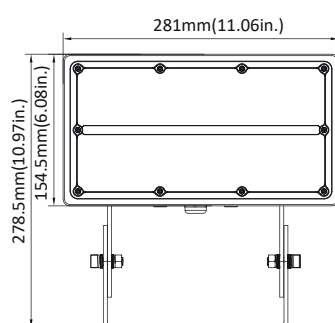
Net Weight
45W: 2.932 lb

100W(Slipfitter Mount)



Net Weight
100W: 10.163 lb

100W(Yoke Mount)



Net Weight
100W: 9.237 lb

PERFORMANCE DATA

WATTAGE	VOLTAGE	COLOR TEMPERATURE	DIST.TYPE	CRI	BRIGHTNESS	EFFICACY
45W	120-277V	5000K	7Hx6V	70	5650lm	126lm/W
100W	120-277V	5000K	7Hx6V	70	13300lm	133lm/W

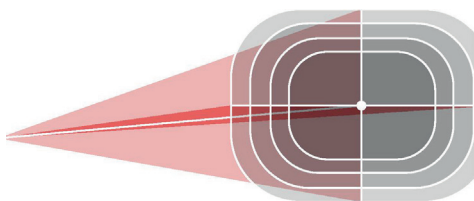
DLC Model No.

System Watts	Voltage	CCT	DLC No.	DLC Classification
45W	120-277V	5000K	MFD0845W27V50K[D,B,W][P0,Blank]B76[KN,TR][X,Blank]	Premium
100W	120-277V	5000K	MFD08100W27V50KD[D,B,W][P0,Blank]B76[YK,SP][X,Blank]	Premium

ELECTRICAL DATA

Number Of Drivers	Current Drive (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	770	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36

Photometrics:



ORDERING GUIDE

Example: NUR-FL08-100W-5000k-SF

Fixture Type <input type="text"/>	Wattage <input type="text"/>	Color Temperature <input type="text"/>	Mounting <input type="text"/>
FL08 Flood light Series	45 45W 100 100W	50K 5000K	KN Knuckle Mount YK Yoke Mount SP Slipfitter Mount

Note: 1. 45W only suitable for non dimming.
2. 100W only suitable for dimming.