



NOTES:

FIXTURE TYPE:

PROJECT:



SPECIFICATION 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, maximizing product life and performance.
- Door frame seals to housing with a continuous extruded silicone gasket.

Optics

- Optics(NEMA Type): 7H*6V.
- Scalable Lumen Packages from 7,800 to 92,000 Lumens.
- Different environments can adjust different lumen output to obtain visual comfort.
- The high heat resistant polycarbonate optically adheres firmly to the internal radiator for maximum heat dissipation.

Electrical

- Universal 120-277VAC input voltage.
- Both drivers have a power factor >90%, THD <20%
- 60W, 100W, 200W model can be adjusted four watts: 100%, 80%, 60%, 40%
- Operating Temperature Range: -40°C - + 40°C (-40°F - + 104°F)

LED Module

- Light engine has color adjustable version, CCT can be adjusted to 3000K/4000K/5000K

Control

- Photocell option.

Installation

- 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke are all available.

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Certifications

- UL CUL wet location listed.

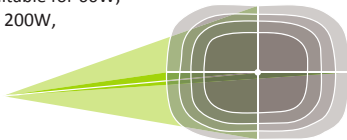
PRODUCT DESCRIPTION

Our MFD08 lamp is a high energy efficiency and high performance LED lighting system with novel design, taking into account optical versatility and low profile appearance design, combining optical versatility and high energy efficiency. Its waterproof design also has excellent performance, can maintain a stable working state in a humid environment, to ensure the use of safety. The color temperature adjustment performance is better, and its fine adjustment color temperature adjustment function can easily achieve the lighting effect of different environments, providing a more comfortable lighting experience for various scenes. Suitable for parking lots, sidewalks, campuses, car dealerships, office buildings and internal roads and other environmental lighting.

PHOTOMETRICS

7HX6V

Only suitable for 60W,
100W, 200W,



ORDERING INFORMATION

Model	Wattage	Voltage	CCT	Dimmable	Finish	Photocell (Option)	NEMA	Mounting	Internal Code
MFD08	60W = 60Watts 100W = 100Watts 200W = 200Watts	27V =120-277V 48V = 347-480V 48V ⁴ = 200-480V	DDK ³ = Adjustable	D= 1-10VDIM	D= Dark Bronze	P0= With Photocell Blank= Without Photocell	B76= 7HX6V	TR = Trunnion Mount KN = Knuckle Mount YK = Yoke SP = Slipfitter Mount	AD = With Adjustment Dial

Note: 1. 60W only suitable for knuckle and trunnion.

2. 100W,200W only suitable for slipfitter and yoke.

3. CCT Adjustable (3000K/4000K/5000K).

4. 200-480V only suit for 600W.

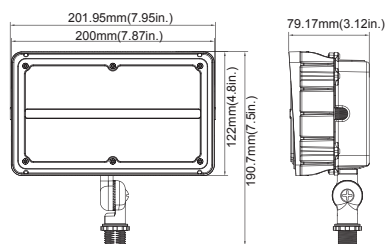
EXAMPLE: MFD08-60W-27V-DDK-D-D-B76-KN-AD



DIMENSIONS

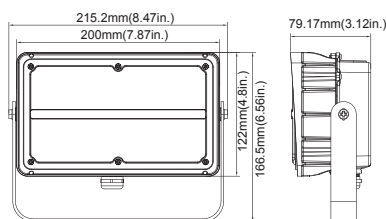
unit: mm/inch

60W(Knuckle Mount)



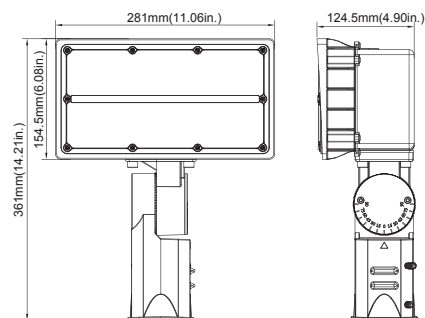
Net Weight
60W: 3.152 lb

60W(Trunnion Mount)



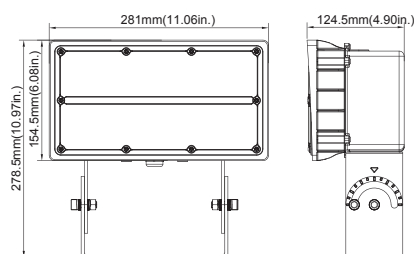
Net Weight
60W: 3.748 lb

100W(Slipfitter Mount)



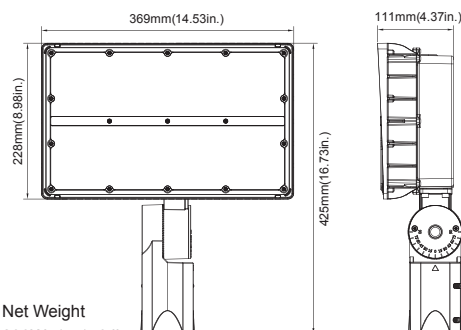
Net Weight
100W: 10.163 lb

100W(Yoke Mount)



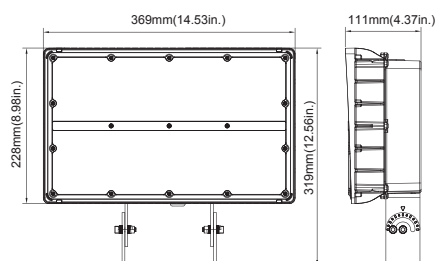
Net Weight
100W: 9.237 lb

200W(Slipfitter Mount)



Net Weight
200W: 15.146 lb

200W(Yoke Mount)



Net Weight
200W: 14.405 lb

MFD08 60W

SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	60W	7800lm	130 lm/W	8400lm	140 lm/W	8100lm	135 lm/W
80%	48W	6480lm	135 lm/W	7000lm	146 lm/W	6700lm	140 lm/W
60%	36W	5050lm	140 lm/W	5400lm	150 lm/W	5250lm	146 lm/W
40%	24W	3480lm	145 lm/W	3720lm	155 lm/W	3600lm	150 lm/W

MFD08 100W

SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	13000lm	130 lm/W	14000lm	140 lm/W	13500lm	135 lm/W
80%	80W	10800lm	135 lm/W	11600lm	146 lm/W	11200lm	140 lm/W
60%	60W	8400lm	140 lm/W	9000lm	150 lm/W	8700lm	145 lm/W
40%	40W	5800lm	145 lm/W	6200lm	155 lm/W	6000lm	150 lm/W

MFD08 200W

SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	26000lm	130 lm/W	28000lm	140 lm/W	27000lm	130 lm/W
80%	160W	20800lm	135 lm/W	23200lm	145 lm/W	22400lm	140 lm/W
60%	120W	16800lm	140 lm/W	18000lm	150 lm/W	17400lm	145 lm/W
40%	80W	11600lm	145 lm/W	12400lm	155 lm/W	12000lm	150 lm/W

MOUNTING

1/2"Knuckle Mount (60W)



Trunnion Mount (60W)



Yoke Mount(100W/200W)



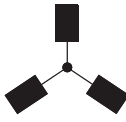
Slipfitter Mount(100W/200W)



ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	900	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
		60	347	0.29
		60	480	0.21
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	347	0.17
		100	480	0.13
		100	277	0.36
1	960	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42

EPA

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
100W	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993

ACCESSORIES



Photocell

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



Power and CCT Controllet



Wattage selectable:
100%,80%,60%,40%
CCT selectable:
3000K,4000K,5000K