

FLOOD LIGHT (MFD11)



DESCRIPTION

MFD11 aims to provide customers with an economical, efficient, flexible and long-life floodlight. The low-profile and stylish exterior design can be well integrated into various architectural environments. Available in one size and single lumens, this 120W also achieve up to 150lm/W efficiency. Reliable IP65 structural design, MFD11 is very suitable for general flood lighting of courtyards, driveways, buildings, billboards, etc.

SPECIFICATION FEATURES

Construction

- Die-cast aluminum optimize the best heat dissipation management as the main part of the fixture, which effectively improves the LED efficiency.
- Durable surface coating powder spraying and fully sealed tempered glass can extend the durability of the fixture.

Optics

- Optics(NEMA Type): 7Hx7V.
- Lumen output at 18,000 lumens.
- The use of advanced refraction and reflection optical design concepts provides an optimal combination of vertical and horizontal illumination.
- The heat-resistant and impact-resistant toughened glass maximizes light extraction while obtaining a great night appearance.

LED Module

- Light engines are available in standard 5000K configuration.

Electrical

- Universal 120-277 VAC input voltage.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: - 40°F + 104°F.

120W



Installation

- Yoke mount is available.

Certifications

- UL cUL wet location listed.

Lifespan

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

Warranty

- Five-year warranty.

Note

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 77°F specifications subject to change without notice.

STRUCTURAL DESIGN

Optics

A high-reflective white reflector and tempered glass are used to shape the 7Hx7V light type. At the same time, the integrated visor that comes with the cover can reduce glare very well.

Mounting

MFD11 has a yoke mount.



Housing

One-piece die-cast aluminum housing with optimal thermal management both enhances LED efficacy and extends fixture's life.

PERFORMANCE DATA

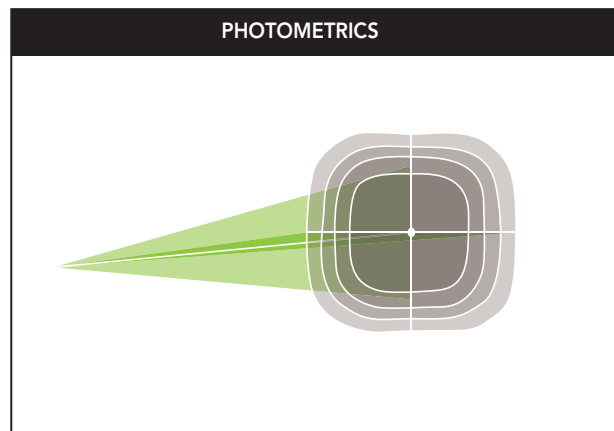
SYSTEM WATTS	VOLTAGE	DIST. TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
120W	120-277V	7Hx7V	70	17500lm	146 lm/W	18000lm	150 lm/W	18000lm	150 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	960	120	120	1.00
		120	208	0.58
		120	240	0.50
		120	277	0.43

MOUNTING

120W (Yoke Mount)



DIMENSIONS

unit: mm/inch

120W (Yoke Mount)

