

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 40W also achieve up to 145lm/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 5,800 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.

40W



Installation

- A 1/2" NPS Knuckle 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

Visor

MFD11 has an integrated visor that comes with the cover can reduce glare very well.

Optics

A high-reflective white reflector and tempered glass are used to shape the 7Hx7V light type.



Housing

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

Mounting

MFD11 has a powerful 1/2" NPS knuckle mount.

PERFORMANCE DATA

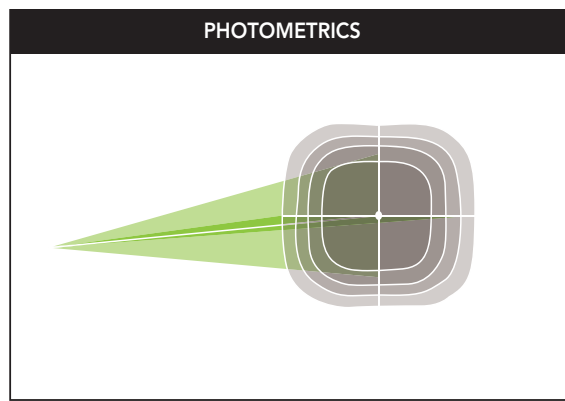
SYSTEM WATTS	VOLTAGE	DIST. TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
40W	120-277V	7Hx7V	70	5700lm	143 lm/W	5800lm	145 lm/W	5800lm	145 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	680	40	120	0.33
		40	208	0.19
		40	240	0.17
		40	277	0.14

MOUNTING

1/2" Knuckle Mount (40W)



DIMENSIONS

unit: mm/inch

40W (Knuckle Mount)

