

MECHRON POWER SYSTEMS

Rugged. Proven. Trusted.

Product Sheet



Mechron Power Systems
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www.mechron.com

A Division of
Toromont Industries Ltd.

Floodlight Model FM

Description:

Mechron's Floodlight Model FM is a field-deployable floodlight, mast and base assembly intended for multiple uses, including perimeter lighting and area / task lighting. The FM's modular design can be assembled to operate at multiple heights, ranging from 15' to 30' (4.6 m to 9.1m). The FM will withstand extreme environmental conditions including winds of up to 75 mph (120 km/h) at full height. The FM is designed for quick assembly with adjustable legs suitable for uneven ground – no footings are required.

Available Options:

- High pressure sodium (HPS) or metal halide lamps
- 250W or 400W output
- Quick-restrike lamp
- Manual winch for mast raising
- Multiple voltage inputs
- Photocell

Features:

- Multiple height operation: 15', 20', 25', 30' (4.6m, 6.1m, 7.6m, 9.1m)
- 250W or 400W high pressure sodium or metal halide lamp
- Withstands high winds, up to 75 mph (120 km/h) at full height
- Stackable base and modular mast for compact storage and transport
- Junction box for daisy-chaining multiple floodlights
- Integrated support for optional winch assembly





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Specifications:

Dimensions and Weight:

Dimensions:

Base (w/o legs):

4' x 4' / 122cm x 122cm

Operating Heights:

15', 20', 25', 30'

4.6m, 6.1m, 7.6m, 9.1m

Weight: 494 lbs. / 224 kg

Operating Temperature:

High Pressure Sodium

-40°F to +122°F

-40°C to +50°C

Metal Halide

-20°F to +122°F

-29°C to +50°C

Ballast Required:

1200 lbs. / 545 kg

Sandbags or equivalent

Ordering Data:

Floodlight Assembly:

FM-①-②-③-④-⑤

① Lamp Type

S: High Pressure Sodium

H: Metal Halide

② Wattage: 250, 400

③ Voltage: 120, 208, 240, 277, 480

④ Quick Restrike: LQ

⑤ Special Options: Z

(contact factory for details)

Winch Assembly:

FMW-1510010