

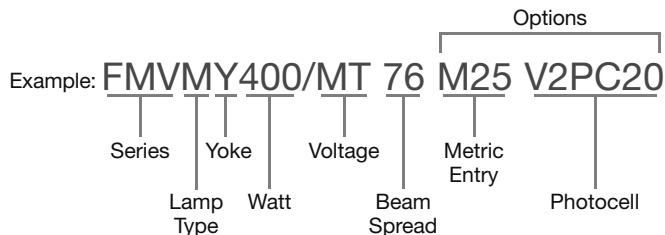
Ordering Information for Floodlight with NEC Ballast:

Lamp Type	Watts	Yoke Mount 3/4" NPT Hub
High Pressure Sodium	150	FMVSY150/MT 76
	250	FMVSY250/MT 76
	400	FMVSY400/MT 76
Metal Halide	175	FMVMY175/MT 76
	250	FMVMY250/MT 76
	400	FMVMY400/MT 76

Voltage Suffixes†

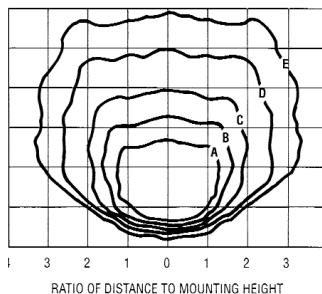
Voltage (60Hz)	Dual-Tap	Tri-Tap	Multi-Tap	480
Suffix	/DT	/TT	/MT	/480

To complete catalog number, add voltage and options suffix(es).



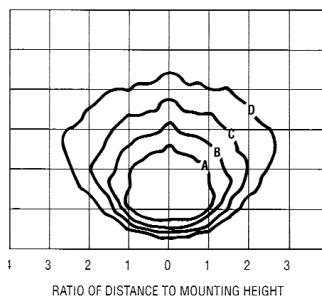
†150W HPS fixtures are furnished with ANSI spec/S55 ballasts for 55V lamps. For 100V lamps, add suffix "CE" after voltage suffix. Example: FMVSY150/MT CE 76.

Photometric Data:



Isofootcandle Chart FMV
400W High Pressure Sodium (HPS)
Catalog Number: FMVSY400-76
Lamp: 400W Clear HPS
Lumen Rating: 50,000
For 150W HPS, multiply footcandles by .32.
For 250W HPS, multiply footcandles by 0.6.
Fixture located at 0°, 0° aiming angle at 45°

(Note: See Figures 1 and 2).



Isofootcandle Chart FMV
400W Metal Halide (MH)
Catalog Number: FMVMY400-76
Lamp: 400W Clear MH
Lumen Rating: 34,000
For 250W MH, multiply footcandles by 0.6.
Fixture located a 0°, 0° aiming angle 45°

(Note: See Figures 1 and 2).

Options:

Description

Instant Restrike and Ballast Guard
Instant restrike—enables a hot HPS lamp to immediately restrike after a momentary loss of arc due to voltage fluctuation or power outage
Ballast guard starter cut out switch—prevents starter pulsing when lamp is cycling or inoperative; prolongs ballast and ignitor life.

Suffix

- 150W LX HPS only..... **TIR**
- Factory assembled with HID lamp installed **FA**
- Fused (not suitable for marine applications)..... **S658**
- 20mm metric thread for conduit opening **M20**
- 25mm metric thread for conduit opening **M25**
- 3/4" NPT hub conduit opening **NPT75**
- Furnished with lamps (not installed) **S714**
- Retention chain **S831**
- Pulse-Start Metal Halide **S828**
- Enclosure machined for 2 conduit/cable entries **S886**

Options for Photocell*:

Description

- Photocell 120V, 50/60Hz installed **Suffix V2PC20**
- Photocell 208-240V, 50/60Hz installed **Suffix V2PC22**
- Photocell 277V, 50/60Hz installed **Suffix V2PC27**

*Photocell for Div. 2 installation only.

Accessories (Order Separately):

Slipfitter Adapter

To be mounted to yoke mount fixture
Fits onto 2" pipe/conduit **SFA6**

Wall Bracket

Use with slipfitter adapter SFA6 for easy wall mounting and increased adjustability..... **SWB6**

Effective Projected Area (EPA):

- For windloading
- For proper pole selection

Aiming Angle	EPA
0°	2.9 FT²
30°	2.5 FT²
45°	2.1 FT²

Footcandle Table:

Mounting Height	Footcandle Values for Isofootcandle Lines				
	A	B	C	D	E
15'	8.0	4.0	2.0	0.80	0.40
20'	4.5	2.3	1.1	0.50	0.23
25'	2.9	1.4	0.7	0.30	0.14
30'	2.0	1.0	0.5	0.20	0.10
35'	1.5	0.7	0.4	0.15	0.07
40'	1.1	0.6	0.3	0.11	0.06

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