

- Cl. I, Div 2, Groups A, B, C, D
- Restricted Breathing Cl. I, Div 2 & Zone 2 (Suffix S826)
- Certified for IEC Zone 2 (Suffix S826TB)
- Marine & Wet Locations
- 3, 3R, 4, 4X; IP56 to IP66

Application:

Champ FMV Floodlights are used:

- in refineries, chemical and petrochemical plants, waste and sewage treatment plants, pulp and paper mills, and other outdoor industrial locations.
- to light outdoor industrial applications such as storage tanks and racks, vehicle and pedestrian passageways, outdoor process areas, and parking areas in industrial facilities.
- for security and safety lighting in industrial and process facilities.
- in Class I, Division 2 hazardous (classified) locations, as defined by the National Electrical Code.
- in high ambient temperatures
- in wet locations/marine locations
- in outdoor locations where the damaging effects of rain, snow, wind, dirt, and other contaminants are present.

Features:

- Available in a wide variety of light sources and wattages: 70-400 watt high pressure sodium, 175-400 watt metal halide, and 175-400 watt mercury vapor.
- Multi-tap ballasts are standard, offering a choice of 120, 208, 240, and 277 volts. 220V 50 Hz, 240V 50 Hz, Tri-Tap (120, 277 and 347) and 480 volt ballasts are also available.
- All luminaires are high power factor for energy efficient operation and optimal circuit conductor sizing.
- Three mounting styles – yoke (trunnion), slipfitter adapter & wall mount bracket – are available to satisfy all mounting requirements.
- Door frame assembly is hinged and has captive cover screws for ease of relamping.
- Silicone rubber gaskets are standard, ensuring long life and reliable environmental sealing even under adverse conditions.
- All die-cast aluminum components are provided with powder epoxy finish for superior corrosion resistance.
- All external hardware is stainless steel for corrosion resistance and reliability.
- Yoke is aluminum for excellent combination of strength, corrosion resistance and durability.
- All FMV Champ floodlights can be easily adjusted to aim light where it is needed.
- NEMA 7x6 beam spread is ideal for most industrial floodlighting requirements.
- Includes ballast core handle for convenient ballast replacement.
- Wing-type ballast insulators protect personnel during maintenance and relamping and provide quick and easy accessibility to internal components.

Standard Materials:

- Luminaire housing and door frame assembly – die-cast aluminum.
- External hardware – stainless steel.
- Lens – heat and impact-resistant glass.
- Yoke – aluminum.

Standard Finishes:

- Die-cast aluminum – epoxy powder coat
- Stainless steel – natural.

Electrical Rating Ranges:

- 70-150 (HPS), 175, 250, 400 watt
- Multi-tap* (120, 208, 240, 277 volts), 480 volts and 220V, 240V 50 Hz.
- Tri-tap (120, 277, 347 volts)

Certifications and Compliances:

- NEC/CEC:
Class I, Division 2, Groups A,B,C,D
Class I Zone 2
- IEC:
Zone 2 Ex nR IIC
- UL Standards:
844, 2279 Hazardous (classified) locations
1598 Luminaires
1598A Marine locations
- CSA Standards:
C22.2 No. 137
- IEC Standards:
60079-15

Ordering Information:

(For Voltages, See Note 1)

	Lamp Watts	Yoke Mount
High Pressure Sodium	150 (See Note 2)	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
Pulse Start Metal Halide	250	FMVMY250/MT-76 S828
	320	FMVMY320/MT-76 S828
	400	FMVMY400/MT-76 S828
Mercury Vapor	175	FMVCY175/MT-76
	250	FMVCY250/MT-76
	400	FMVCY400/MT-76



Yoke mounted FMV Champ floodlight with SFA6 slipfitter adapter.

Notes to Ordering Information

1. Catalog numbers shown are for multi-tap ballasts (120, 208, 240, or 277 volt; wired for 277 volt operation). 220 V 50 Hz, 240 V 50 Hz, and 480 volts ballasts also available. To order with other ballasts, change "MT" in catalog number to appropriate voltage. Example: FMVSY400/220-50-76. For Tri-tap ballast (120, 277, 347 volts) change MT to TT.
2. 150 watt HPS luminaires are furnished with ANSI spec./S55 ballasts for 55 volt lamps.
3. Luminaires are furnished with a 3/4" NPT drilled and tapped entrance.

Accessories

- Slipfitter adapter** (To be mounted to yoke mount luminaire) **SFA6**
(Note: SFA6 fits onto 2" pipe/conduit)
- Wall bracket** (use with slipfitter adapter SFA6 for easy wall mounting & increased adjustability.) **SWB6**

Options

- | Description | Suffix to be Added to Cat. No. |
|---|--------------------------------|
| Fused (not available with IR) | S658* |
| Quartz auxiliary | QTZ |
| • Non-hazardous locations only. | |
| • Lamp not furnished | |
| Instant restrike | IR |
| • Cannot be used with BG or QTZ. | |
| • 50-150W LX HPS only. | |
| Ballast Guard | BG |
| • Restricted Breathing Construction. | S826 |
| Class I Division 2 & Zone 2 Suitability | |
| Cooler Operating Temperatures (T-Numbers) | |
| • Certified for IEC Zone 2 | S826TB |
| Furnished with | |
| Terminal Block | |
| Crimp Terminals | |
| Dedicated voltage ballasts (no MT, DT or TT). | |

* CSA certified luminaires are not available with multi-tap ballasts or fusing option.

* When ordering fuses for luminaires, option S658, you must specify the operating voltage. S658 cannot be ordered with /MT in the catalog number.