

Champ[®] FMV Series LED Floodlights

PRIMARY APPLICATIONS

Indoor and outdoor area lighting in manufacturing plants, heavy industrial chemical and petrochemical facilities, platforms, loading docks and parking lots.

LUMINAIRE MODELS

Model Number	Equivalent HID Luminaire	Typical Energy Savings/Lifetime
FMV5L	100W-150W	Up to 62% reduction in energy costs and 60,000 hours of continuous operation!
FMV7L	150W-175W	
FMV9L	175W-250W	
FMV11L	250W-320W	
FMV13L	320W-400W	

CERTIFICATIONS & COMPLIANCES

- Class I, Division 2, Groups A, B, C, D
- Class I, Zone 2
- Class II, Groups E, F, G; Class III
- Type 4X, IP66
- UL844; UL1598; UL1598A
- CSA C22.2 No. 137
- IECEx UL 11.0054X
- Ex nA nR IIC T4 Gc Tamb -30°C to +55°C
- CEPEL Ex-1956/10
- Ex nA nR IIC T5 Gc Tamb -30°C to +40°C
- Ex tc IIIC T68°C Dc IP66 Tamb -30°C to 40°C
- CE DEMKO 12 ATEX 115535X
- Ⓜ II 3 G Ex nA nR IIC T4 Gc Tamb -30°C to +55°C
- Ⓜ II 3 G Ex nA nR IIC T5 Gc Tamb -30°C to +40°C
- Ⓜ II 3 D Ex tc IIIC T68°C Dc IP66 Tamb -30°C to +40°C

ELECTRICAL RATINGS

- Voltages: 100-277 VAC, 347/480 VAC, 108-250 VDC
- Input Power: 64W, 89W, 121W, 149W, 179W

OPTIONS AND ACCESSORIES

- Fused
- Bolt-on Visor
- Bolt-on Wire Guard
- Floodlight Slipfitter
- Slipfitter Wall Mount Adapter



Up to 6 times longer life and 65% reduction in power consumption compared to equivalent HID floodlights

DESIGN FEATURES

- A Versatile design** - Suitable for hazardous location use in gas or dust areas. Can be used for outdoor or indoor applications, and for a wide range of mounting heights depending on model and light level requirement.
- B Rugged heat sink** - Designed to perform in high ambient temperatures up to +55°C and as low as -40°C. The thick walls of the castings make for a tough, rugged housing that keeps the internal driver and LED temperatures down.
- C High lumen output** - High efficiency drivers and LED arrays provide reliable low cost operation in harsh and hazardous environments.
- D Full-frame yoke** - Designed to utilize the SFA6 slipfitter and SWB6 wall mount bracket, making it ideal for retrofit or new installations.

