



V4M LED Lamp

Zero Downtime¹

Up to \$317/Year/Lamp Energy Saving²

The Ultimate HID Replacement, Up to 1000W
For High Ceiling or High Temperature Locations

Upgrading to LED is as simple as changing a light bulb. No rewiring. No fixture replacement. Just screw it in and start saving – instantly.¹



¹True Plug & Play (VH Driver)

Simply screw into existing ballast.
Zero downtime. No re-wiring needed.
Compatible with any 250–1000W magnetic ballast.



120-480V

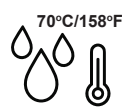
Bypass (VH & VL Drivers)

Universal Voltage 120-480V AC.
Controls Compatible.



²Massive Energy Savings

\$317 based on 720W Energy Saving per
lamp @ \$0.11/kWh for 4000 hours/year.



70°C/158°F

Built For Harsh Environments

IP65: Waterproof, Dust-proof.
Up to 70°C/158°F ambient temperature.



Reduced Eye Strain

Precision optics deliver low glare.
UGR < 23.



Optical Controls (Ballast Bypass)

PIR Sensors or Wireless Controls
Integrates with BMS.

V4M LED Lamp Technical Specifications

Design Highlight

EX39 Screw Base

- ✓ Easy maintenance

Industry First Driver

- ✓ Magnetic ballast compatible¹
- ✓ Universal voltage 120-480V
- ✓ Over temperature protection
- ✓ 6kV surge protection

Revolutionary Thermal / Mechanicals

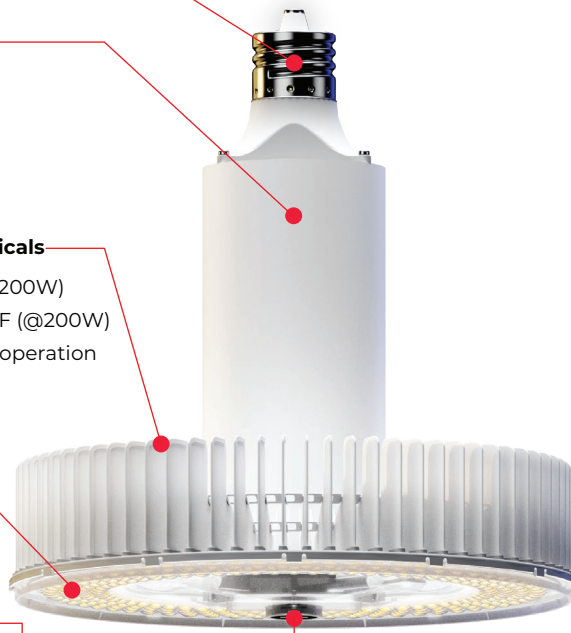
- ✓ Open fixture: $T_A = 70^{\circ}\text{C}/158^{\circ}\text{F}$ (@200W)
- ✓ Enclosed fixture: $T_A = 40^{\circ}\text{C}/104^{\circ}\text{F}$ (@200W)
- ✓ Passive thermal, No fan, Silent operation
- ✓ Light weight < 3.5 lbs
- ✓ Waterproof / Dust proof

Integral Optics

- ✓ Low glare, UGR < 23
- ✓ No external reflector needed

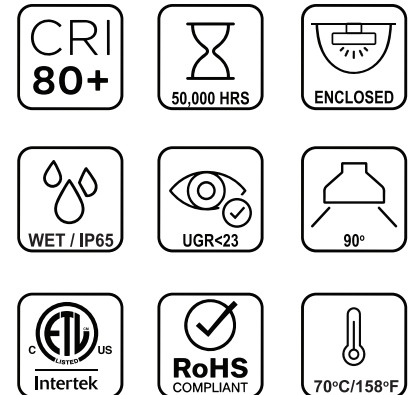
Control Ready Connector

- ✓ Enables field install without tools
- ✓ Industry standard 3 pogo pin receptacle
- ✓ Options for PIR, Wireless, BMS integration



Key Features

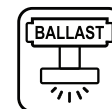
Common to VH & VL Drivers



VL Drivers Only



VH Drivers Only



Example Applications

High Ceiling:	<i>Aircraft Hangars, Aerospace</i>
High Temperature:	<i>Steel Mills, Heavy Industry</i>
Enclosed Fixtures:	<i>High Mast, Food Process, Saw Mills, Mining, Wood Processing and Pulp Mills</i>
Other:	<i>Concrete Manufacturing, Warehousing, Other Manufacturing</i>

Ordering Guide

Lamp Type	CCT	Product Code	Part #	Power Watts	Lumens	T_A Open Fixture	T_A Enclosed Fixture
VL (Type B) Ballast Bypass (120-480V) DLC Certified Controls Compatible	4000K	03133	V4M-X39-200-8-40-VL-WH-B90-000-300-ST	200	35,456	70°C/158°F	40°C/104°F
		03114	V4M-X39-240-8-40-VL-WH-B90-000-300-ST	240	41,576	60°C/140°F	-
		14411	V4M-X39-280-8-40-VL-WH-B90-000-300-ST	280	47,537	50°C/122°F	-
	5000K	03137	V4M-X39-200-8-50-VL-WH-B90-000-300-ST	200	35,456	70°C/158°F	40°C/104°F
		03038	V4M-X39-240-8-50-VL-WH-B90-000-300-ST	240	41,576	60°C/140°F	-
		14412	V4M-X39-280-8-50-VL-WH-B90-000-300-ST	280	47,537	50°C/122°F	-
VH (Type A/B) Ballast Compatible AND Ballast Bypass (120-480V)	4000K	03115	V4M-X39-200-8-40-VH-WH-B90-000-300-ST	200	35,456	70°C/158°F	40°C/104°F
		03113	V4M-X39-240-8-40-VH-WH-B90-000-300-ST	240	41,576	60°C/140°F	-
		03335	V4M-X39-280-8-40-VH-WH-B90-000-300-ST	280	47,537	50°C/122°F	-
	5000K	14005	V4M-X39-200-8-50-VH-WH-B90-000-300-ST	200	35,456	70°C/158°F	40°C/104°F
		03036	V4M-X39-240-8-50-VH-WH-B90-000-300-ST	240	41,576	60°C/140°F	-
		03332	V4M-X39-280-8-50-VH-WH-B90-000-300-ST	280	47,537	50°C/122°F	-