

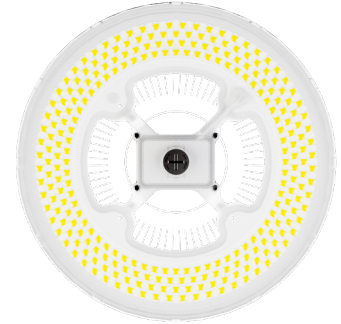
North America

Up to 46,000 Lumens, $T_A \leq 70^\circ\text{C}$, Ballast Compatible and Bypass, 120-480 VAC

Date

Project

Part #



Applications

- High lumens (eg. 1000W HID Replacement)
- Direct HIR retrofit
- Enclosed fixtures retrofit (eg. high mast)
- High temperature environment (eg. steel plants)
- High ceiling (eg. hangers)

Features

- 46,000 Lumens, 192 L/W @ 80 CRI
- Compatible for all HID Ballast types 250-1000W
- Universal Voltage 120-480VAC
- Temperature
 - $T_A \leq 70^\circ\text{C}$ open fixture
 - $T_A \leq 40^\circ\text{C}$ enclosed fixture
- Low Glare, UGR<20
- 80 CRI Standard
- Five Year warranty²
- See Website for installation Guide and IES File

Certifications [Pending]

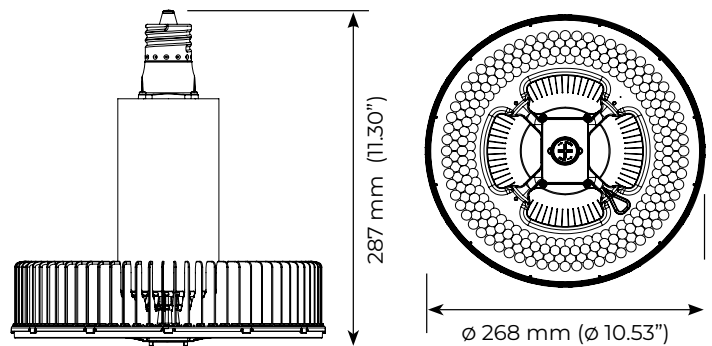
- ETL wet listed
- See regional section for applicable certification

Control Options

- 3 pin connector for off the shelf control modules
- Controls not compatible with ballast operation

Mechanical

- Mogul Base
- Vertical Orientation
- 3.86 lb / 1.75 kg



1. Unless otherwise specified, all values are typical at 25°C, 277VAC, CCT $\pm 300\text{K}$ with $\pm 10\%$ tolerance
 2. [See limited warranty for details](#)
 3. Specifications subject to change without notice

4. Not intended for use in environments containing airborne corrosive agents such as chemicals, solvents, or cutting fluids

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Photometry

- UGR<20

Lumens (No Accessories)

CRI	Power	Lumens @ CCT
		5000K
80	200W	40,000
80	240W	46,000

Electrical (VH & VL Drivers)

- VH: Hybrid: Ballast Compatible & 120-480 VAC
- <1% Flicker
- PF > 0.9, THD<20%
- Surge: 6 kV (L-N)

	Amps @ Line Voltage (VAC)					
	120V	160V	240V	320V	400V	480V
200W	1.67A	1.25A	0.83A	0.63A	0.5A	0.42A
240W	2.00A	1.50A	1.00A	0.75A	0.60A	0.50A

HID Ballast Compatibility (VH Driver)

The Hybrid series is compatible with HID magnetic ballast between 175-1000W. Such ballast types include probe start, pulse start, CWA, or reactive. The table below shows compatible ballast that have been tested. Input to ballast may be up to 480V. Optical distribution and lumen output are constant regardless of Ballast type or wattage. Ballast operation is not compatible with controls.

Type	HID Ballast Compatibility					
	250W	320W	400W	600W	750W	1000W
Metal Halide	M138/ M153	M132/ M154	M135/ M155 MH400	-	M149	M141, M47
HPS	NG250	-	S51, NG400	S106, NG600		NG1000, S52

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Applicable Regions

- USA, Canada and Japan
[Certification pending]

Summary

- Hybrid: Ballast Compatible & Line Voltage 120-480VAC
- ETL wet listed [pending]
- Non-quick ship items may be subject to longer lead times and MOQ
- Additional CCT / CRI / Power combinations may be available as a custom order - Inquire for availability

Part # Key

- Not all combinations are valid or readily available - See ordering table for standard models
- Call for availability of custom features - MOQ may apply

Series		Lamp Base		Power		CRI		CCT		Driver		Finish		Optics		Accessory (Field Install)		Control Module (Field Install)		Other	
V4M	256LEDs	X39	EX39	200 240	200W 240W	8	80 CRI	50	5000K	VH	Hybrid	AN	Anodized	B90	90° Beam	000	None	000	None	IP	IP65

Ordering Table

- Additional combinations may be available - Inquire for availability

Power	CRI	CCT	Lumen	L/W	T_A	Part Number	Part Code
200	80	5000K	40,000	192	70°C (Open) 40°C (Enclosed Fixture)	V4M-X39-200-8-50-VH-AN-B90-000-000-IP	03131
240	80	5000K	46,000	192	60°C (Open)	V4M-X39-240-8-50-VH-AN-B90-000-000-IP	03036