

BALLAST COMPATIBLE AND LINE VOLTAGE, HIGH EFFICIENCY

DATE	PROJECT	PART NUMBER	TYPE
------	---------	-------------	------

## FEATURE

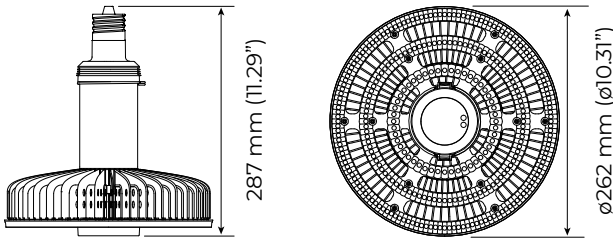
- High Efficiency 158 L/W
- Hybrid Operation
  - Type A: Magnetic Ballast Compatible include HPS, MH, MV, Pulse start, Probe start
  - Type B: Line voltage 100-277 VAC
- Low glare with UGR<18
- IP65 / Wet Listed
- Thermal protection dims light to guarantee reliability even > 65°C/150F
- 45°C/113F Ambient full light output then gradually dims to 80% output at 50°C/122F then to 60% at 60°C/140F
- Compatible with open fixtures with top ventilation
- Five years or 50,000 hours warranty<sup>2</sup>

## CONTROL OPTIONS

- Controls compatible only with Ballast Bypass
- Field installed control module caps without tools including Wireless Bluetooth Mesh, Occupancy and daylight sensor
- Dims to 10% then to Off

## MECHANICAL

- EX39 socket, Vertical orientation only, 1.65 kg / 3.6 lb
- Beautiful anodized solid aluminum body
- Required use of provided safety harness



## CERTIFICATION (PENDING)



## ORDERING INFORMATION

EXAMPLE PART NUMBER: V2M-X39-165-8-40-VH-AN-B90-000-000-FL

CATEGORY	MOUNTING	POWER	CRI	CCT	DRIVER	FINISH	OPTICS	OPTICAL ACCESSORY	CONTROLS	OTHER
V2M	X39	165	8		VH	AN	B90	000	000	FL
V2M V2M	X39 EX39 Base	165 165W	8 80 CRI	40 4000K 50 5000K	VH Hybrid	AN Anodized	B90 90° Beam	000 None	000 None	FL Filamento

## PHOTOMETRY

- 50° glare cutoff with UGR<sub>ave</sub><18

Power	CRI	Lumens @ CCT				
		2700K	3000K	3500K	4000K	5000K
165W	80	23,700*	24,500*	25,200*	26,000	26,000

\* Custom order, inquiry for availability

## ELECTRICAL

- Type A: Ballast Compatible (VH)

Hybrid series is compatible with HID magnetic ballast between 175-600W. Such ballast types include probe start, pulse start, CWA or reactive. The table below shows compatible ballast that have been tested. Ballast operation not compatible with controls. Input to ballast may be up to 480V. Optical distribution and lumen output are constant regardless of Ballast type or wattage.

HID Watts	175W	200W	250W	320W	350W	400W	600W
<b>Metal Halide</b>	M57, M137, M152, MH175		M138/ M153, MH250	M132/ M154	M131	M155/ M135, M59, MH400	
<b>HPS</b>		S66	S50, NG250			S51, NG400	S106, NG600
<b>MV</b>	H175						

- Type B: Line Voltage

- 100-277 VAC 50/60 Hz input voltage
- < 1% flicker
- 6 kV surge protection, PF>0.9/THD<20%

VAC	100V	110V	120V	220V	240V	277V
<b>AMPs @165W</b>	1.65A	1.5A	1.38A	0.75A	0.69A	0.6A

## PRODUCT COMPATIBILITY

- [Valto Base](#), [Yoke 10](#), [Transcendent System](#)
- Control Caps, Diffuser, [Uplight](#)
- Emergency Battery

## REFERENCE LINKS

- [Installation Instructions](#)

1. Unless otherwise specified, all values are typical at 25°C, 240VAC  
 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  
 5. Inquire for availability as may require special order for quantities beyond samples