

Project	Type
Product Code	Date

VALTO VH-E39X Hybrid

North America

Summary

- Only Product UL Listed for BOTH Hybrid operation with line voltage 100-277 VAC AND HID Magnetic Ballast
- 5 Years or 50,000 hours warranty³

150W Version - UL Listed for Open or Vented Fixture

- 20,000 Lumens, 130 L/W
- Ambient air operation to 50° C/122F at full power

105W Version - UL Listed for Enclosed or IC Fixture

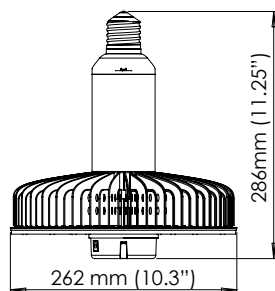
- 15,000 Lumens, 143 L/W
- Ambient air operation at full output power:
 - 45° C/122F for enclosed or IC fixture
 - 65° C/149F for vented fixture or open

Control Options ONLY when operating with Line Voltage

- 0-10V (Dim to off at 0V)
- RF Occupancy and Daylight sensor option
- Bluetooth® option

Mechanical

- E39, E39X socket compatible
- Vertical orientation only
- Beautiful anodized solid aluminum body
- 1.65 kg / 3.6 lb
- Fanless for high reliability & efficiency
- Safety harness optional



Photometry

- No external reflector needed thus no reflector loss factor
- 50° Glare Cutoff with $UGR_{ave} < 15$
- Optical distribution with high uniformity $E_{Min/Avg} > 0.75$ SC=0.5 to 1.5
- Compatible with Uplight Accessory

Electrical - Type A

- 90-305 VAC 50/60 Hz Input Voltage Max
- No Flicker / 6 kV surge protection / No inrush current
- PF > 0.9 / THD < 20%

VAC	100	110	120	220	240	277
AMPS	1.5	1.36	1.25	0.68	0.63	0.54

Ballast Compatibility - Type B

VL Series is compatible with HID magnetic ballast between 175-600W. Such ballast types include probe start, pulse start, CWA or reactive. The table below show compatible ballast that have been tested.

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

Certifications

- UL Damp Listed for 120-277VAC and for UL 1598C for ballast bypass



RoHS

Ordering Information

Controls	Fixture Compatibility	Maximum Environmental Temperature	Product Code	Part #	Watts	Lumens	CCT
0-10V	Open or Vented	50°C	03104	VAL-E39-150-8-40-VH-AN-B90-010-000	150	20,000	4000K
			03112	VAL-E39-150-8-50-VH-AN-B90-010-000	150	20,000	5000K
	Open or Vented / IC or Enclosed	65°C / 45°C ¹	03100	VAL-E39-105-8-40-VH-AN-B90-010-000	105	15,000	4000K
			03108	VAL-E39-105-8-50-VH-AN-B90-010-000	105	15,000	5000K

1. Unless otherwise specified, all values are typical at 25°C with no optical accessory.
 2. 65°C for open or vented fixture, 45°C in total enclosed for Enclosed or IC Fixture
 3. See limited warranty for details.

4. Not intended for use in wet environments or environments containing airborne corrosive agents such as chemicals, solvents or cutting fluids.
 5. Specifications subject to change without notice



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