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|--------------|------|
| 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

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105W Version - UL Listed for Enclosed or IC Fixture

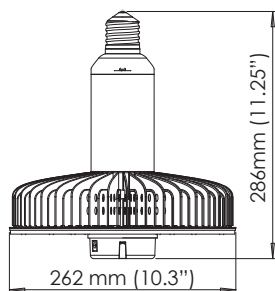
- 15,000 Lumens, 143 L/W
- Ambient air operation at full output power:
 - 45° C/122F for enclosed or IC fixture
 - 65° C/149F for vented fixture or open

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 | Max. Envir. Temp. | 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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