

Project	Type
Product Code	Date

VALTO Hybrid: E40

Europe / Asia / Australia

Summary

- Hybrid design allows for operation with line voltage 100-277 VAC and HID Magnetic Ballast
- 5 Years or 50,000 hours warranty³

150W Version - Open or Vented Fixture

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

105W Version - Enclosed or IC Fixture

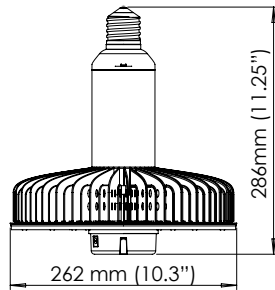
- 15,000 Lumens, 143 L/W
- Ambient air operation at full output power:
 - 45° C/122F for enclosed or IC fixture
 - 65° C/149F for vented fixture or open

Control Options

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

Mechanical

- E40 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

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



Ordering Information

Controls	Fixture Compatibility	Maximum Environmental Temperature	Product Code	Part #	Watts Lumens CCT		
					Watts	Lumens	CCT
0-10V	Open or Vented	50°C	00620	VAL-E40-150-8-40-VL-AN-B90-010-000	150	20,000	4000K
			00628	VAL-E40-150-8-50-VL-AN-B90-010-000	150	20,000	5000K
	Open or Vented / IC or Enclosed	65°C / 45°C ¹	00616	VAL-E40-105-8-40-VL-AN-B90-010-000	105	15,000	4000K
			00624	VAL-E40-105-8-50-VL-AN-B90-010-000	105	15,000	5000K
Occupancy and Daylight Sensor	Open or Vented	50°C	03210	VAL-E40-150-8-40-VL-AN-B90-OC1-000	150	20,000	4000K
			03214	VAL-E40-150-8-50-VL-AN-B90-OC1-000	150	20,000	5000K
	Open or Vented / IC or Enclosed	65°C / 45°C ¹	03208	VAL-E40-105-8-40-VL-AN-B90-OC1-000	105	15,000	4000K
			03212	VAL-E40-105-8-50-VL-AN-B90-OC1-000	105	15,000	5000K
Bluetooth® Wireless	Open or Vented	50°C	03410	VAL-E40-150-8-40-VL-AN-B90-BLE-000	150	20,000	4000K
			03414	VAL-E40-150-8-50-VL-AN-B90-BLE-000	150	20,000	5000K
	Open or Vented / IC or Enclosed	65°C / 45°C ¹	03408	VAL-E40-105-8-40-VL-AN-B90-BLE-000	105	15,000	4000K
			03412	VAL-E40-105-8-50-VL-AN-B90-BLE-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

