

330 Watt Energy Master Lamp

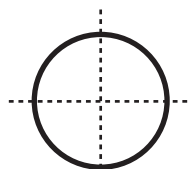
87645 DATA SHEET



Energy Master®

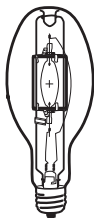
Energy Saving
Metal Halide
Retrofit Lamps

**Change Just the
Lamp and Save**
As Simple as a
Change of a Lamp



Universal
Any Position

ED37



Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 7.0" (178mm)
Base = Mogul (EX39)

(800) 451-2606
or **(440) 248-3510**

Fax: (800) 451-2605
7905 Cochran Road
Glenwillow, Ohio 44139 USA
E-mail: venture@adlt.com
VentureLighting.com

MPI 330W/U/EM GENERAL Characteristics

Lamp Type	Metal Halide Single Ended
ANSI Code	M59/O,M155/O Compatible
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Universal
Dimming	N/A

PHOTOMETRIC

Initial Lumens	31500
Scotopic Lumens (S/P 1.7)	53000
Lumens Per Watt	95
Lamp Lumen Depreciation (LLD)	.80 (80%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) or (Ra)	70

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	34.0mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	-
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

Lamp Watts	330
Lamp Oper. Voltage (Nom.)	120
Energy Saving Replacement for	400W Probe/Pulse MH
Watts Saved	70

SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
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NOTES

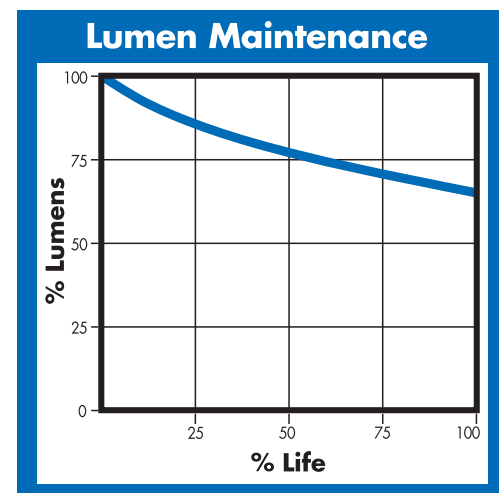
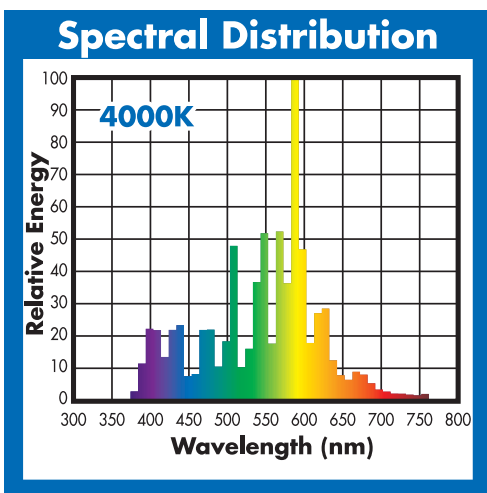
Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance ratings of Universal lamps are based upon Vertical ($\pm 15^\circ$) operation. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

Lamp Lumen Depreciation (LLD) of 80% @8000 hours applies regardless of ballast type (PSMH, Std MH) used.

Warm-up and Re-strike times are equal to the equivalent Pulse Start or Probe Start lamp. For Pulse Start operation, 2-3 minutes warm-up and 4-6 minutes re-strike.

Change Just the Lamp:

- No need to change luminaires or ballasts
- Save on energy consumption
- Indoor or outdoor, Energy Master lamps are perfect for energy savings in any application



Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

Warning: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.

This Product is Recyclable Through  Smartpac®
THE RECYCLING EXPERT