

400 Watt Probe Start Lamp

10044 DATA SHEET



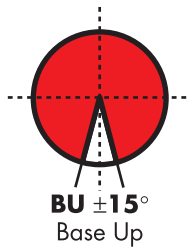
VENTURE
LIGHTING

White-Lux®

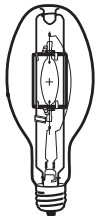
**Retrofit Lamps
for HPS Fixtures**

**Switch To Bright,
White Light
From Existing
HPS Fixtures**

As Simple as a
Change of a Lamp



ED37



Dia. = 4.6" (120mm)
MOL = 11.5" (292mm)
LCL = 5.9" (150mm)
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 400W/BU/LU GENERAL Characteristics

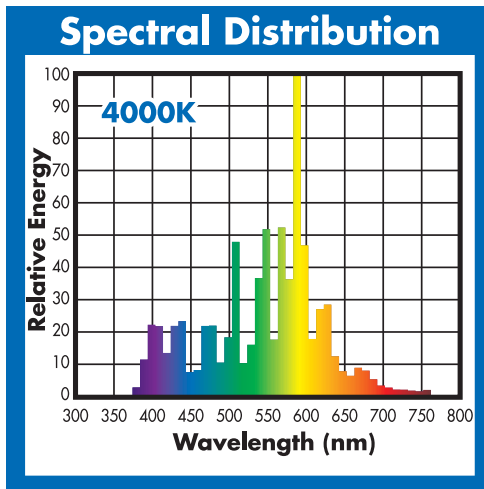
Lamp Type	Standard MH Single Ended
ANSI Code	S51/O Compatible
Bulb Shape	ED37
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Base Up $\pm 15^\circ$
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens	39000
Scotopic Lumens (S/P 1.7)	66000
Lumens Per Watt	91
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI) or (Ra)	65

PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	5.9" (150mm)
Effective Arc Length	42.5mm
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated



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.

ELECTRICAL

Lamp Watts	430
Lamp Oper. Voltage (Nom.)	-
Metal Halide Replacement for	LU 400

SUSTAINABILITY

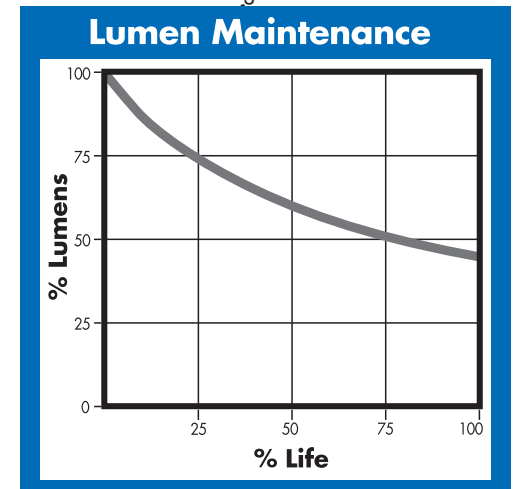
Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	59
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point

NOTES

Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ ($\text{BU} \pm 15^\circ$) position. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

Change Just the Lamp:

- Complete electrical compatibility with HPS systems
- Designed for photometric compatibility with HPS systems
- Clear and coated outer jacket options
- Shrouded open-rated lamps available in 250 and 400 watts
- Excellent color rendering



This Product is Recyclable Through Smartpac