

### MH 400W/U/5K

#### GENERAL Characteristics

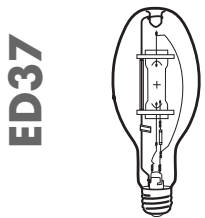
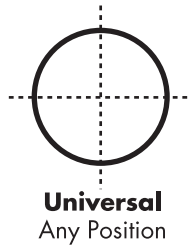
Lamp Type	Standard MH Single Ended
ANSI Code	M59/E
Bulb Shape	ED37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Universal
Dimming	50% Rated Power

#### PHOTOMETRIC

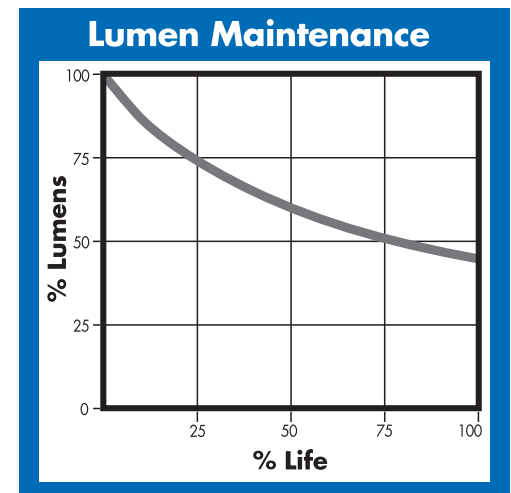
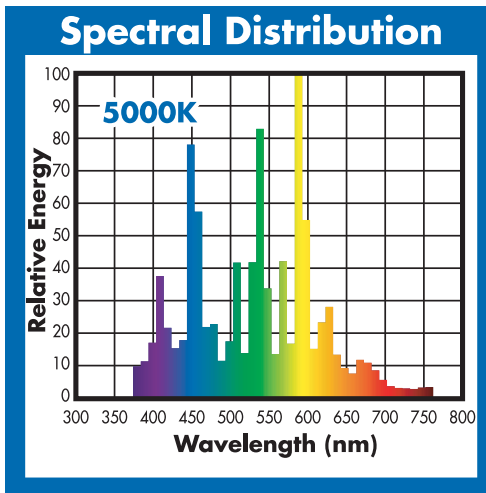
Initial Lumens	32000
Lumens Per Watt	80
Scotopic Lumens (S/P 2.1)	67000
Lamp Lumen Depreciation (LLD)	.65 (65%) @ 6000 hours
Correlated Color Temperature	5000K
Chromaticity Coordinates (CIE-x,y)	.346 .359
Color Rendering Index (CRI)	75

#### PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	35.4 mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated



Dia. = 4.6" (120mm)  
MOL = 11.5" (292mm)  
LCL = 7.0" (178mm)  
Base = Mogul (E39)



THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

**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	400
Lamp Oper. Voltage (Nom.)	135

#### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
-------------------	------------------------

#### 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. Dimming applicable only when lamp is installed in the Base Up  $\pm 15^\circ$  (BU $\pm 15^\circ$ ) position. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

This Product is Recyclable Through  Smartpac  
NEW RECYCLING PROGRAM