

## MS 400W/HOR/T15/3K

### GENERAL Characteristics

|                    |                           |
|--------------------|---------------------------|
| Lamp Type          | Standard MH Single Ended  |
| ANSI Code          | M59/E                     |
| Bulb Shape         | T15                       |
| Base Type          | Mogul POMB (EP39)         |
| Bulb Finish        | Clear                     |
| Rated Life         | 15000 hours               |
| Operating Position | Horizontal $\pm 45^\circ$ |
| Dimming            | N/A                       |

### PHOTOMETRIC

|                                    |                        |
|------------------------------------|------------------------|
| Initial Lumens                     | 38000                  |
| Lumens Per Watt                    | 95                     |
| Scotopic Lumens (S/P 1.4)          | 53000                  |
| Lamp Lumen Depreciation (LLD)      | .65 (65%) @ 6000 hours |
| Correlated Color Temperature       | 3200K                  |
| Chromaticity Coordinates (CIE-x,y) | .420 .395              |
| Color Rendering Index (CRI)        | 65                     |

### PHYSICAL

|  |                |
|--|----------------|
| Bulb Diameter                              | 2.0" (52mm)    |
| Max. Overall Length (MOL)                  | 9.8" (247mm)   |
| Light Center Length (LCL)                  | 5.8" (146mm)   |
| Effective Arc Length                       | 30.9 mm        |
| Max. Base Temperature ( $^\circ\text{C}$ ) | 210            |
| Max. Bulb Temperature ( $^\circ\text{C}$ ) | 500            |
| Socket Pulse Rating (KV)                   | -              |
| Luminaire Type                             | Enclosed Rated |

### ELECTRICAL

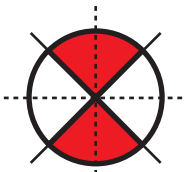
|                           |     |
|---------------------------|-----|
| Lamp Watts                | 400 |
| Lamp Oper. Voltage (Nom.) | 135 |

### SUSTAINABILITY

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

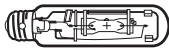
### NOTES

Lamp performance ratings published in this data sheet are based on operation with magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Permitted rotation about axis  $\pm 15^\circ$ . To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

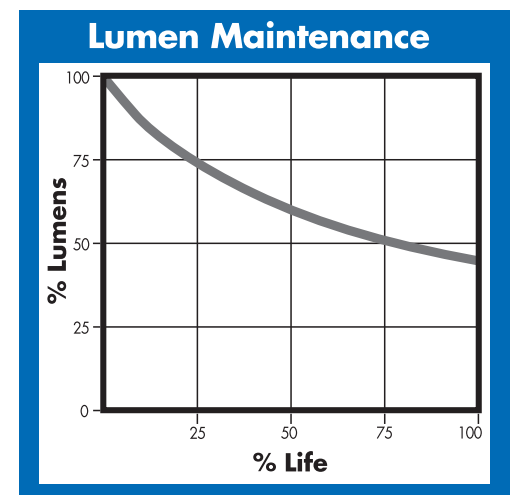
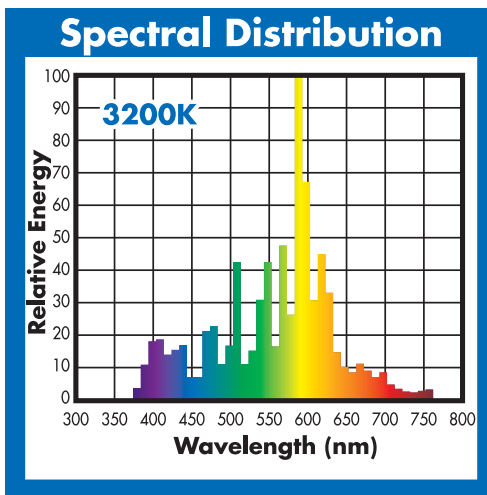


**HOR  $\pm 45^\circ$**   
Horizontal

**T15**



Dia. = 2.0" (52mm)  
MOL = 9.8" (247mm)  
LCL = 5.8" (146mm)  
Base = Mogul POMB (EP39)



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.

This Product is Recyclable Through  Smartpac  
A RECYCLING RESOURCE