

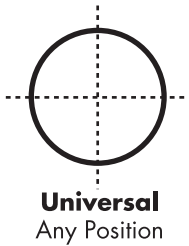
# 150 Watt Pulse Start Lamp

# 29613

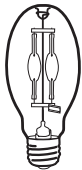
## DATA SHEET



**SUPER PULSE START**  
**Long Life (SPL)**  
 Extended Life Lamps



**ED23.5**



Dia. = 3.0" (76mm)  
 MOL = 7.5" (190mm)  
 LCL = 5.0" (127mm)  
 Base = Mogul (E39)

## MHL 150W/U/ED23.5/PS/740

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M102/E
Bulb Shape	ED23.5
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	40000 hours
Operating Position	Universal
Dimming	50% Rated Power

### PHOTOMETRIC

Initial Lumens	14000
Scotopic Lumens (S/P 1.7)	23800
Lumens Per Watt	93
Lamp Lumen Depreciation (LLD)	.80 (80%) @ 16000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI)	68

### PHYSICAL

Bulb Diameter	3.0" (76mm)
Max. Overall Length (MOL)	7.5" (190mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	19.0mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

### ELECTRICAL

Lamp Watts	150
Lamp Oper. Voltage (Nom.)	95

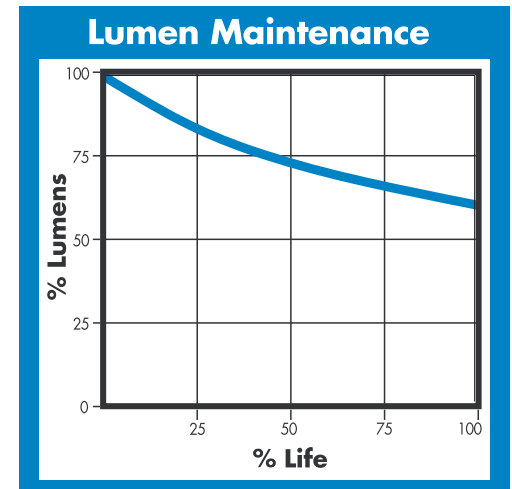
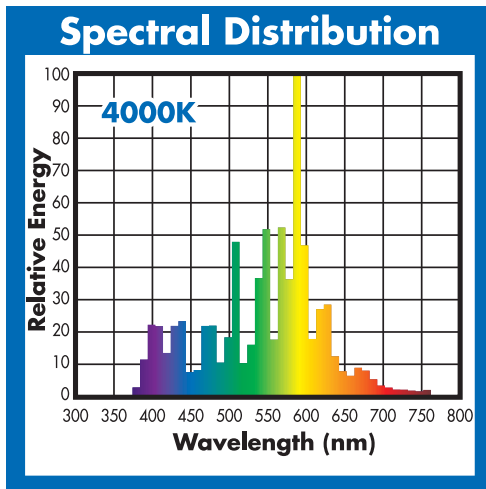
### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	47
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point
EISA 2007 Compliant	Yes

### NOTES

Lamp performance ratings published in this data sheet are based on operation with approved electronic ballasts. Performance ratings of Universal lamps are based upon vertical ( $\pm 15^\circ$ ) operation. Minimum Starting Temperature:  $-40^\circ\text{C}/^\circ\text{F}$ . To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio.

Patent Pending



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  
 THE RECYCLING EXPERT