

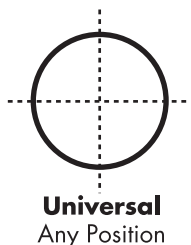
# 875 Watt Pulse Start Lamp

# 29335 DATA SHEET

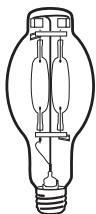


**UNI-FORM**  
PULSE START METAL HALIDE LIGHTING SYSTEMS

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



**BT37**



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

**(800) 451-2606**  
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## MHL 875W/U/BT37/PS/740

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M166/E
Bulb Shape	BT37
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	40000 hours
Operating Position	Universal
Dimming	50% Rated Power Rated

### PHOTOMETRIC

Initial Lumens	100000
Scotopic Lumens (S/P 1.7)	170000
Lumens Per Watt	114
Lamp Lumen Depreciation (LLD)	0.80 (80%) @ 16000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI)	68

### PHYSICAL

Bulb Diameter	4.6" (120mm)
Max. Overall Length (MOL)	11.5" (292mm)
Light Center Length (LCL)	7.0" (178mm)
Effective Arc Length	98.3
Max. Base Temperature (°C)	250
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

### ELECTRICAL

Lamp Watts	875
Lamp Oper. Voltage (Nom.)	250

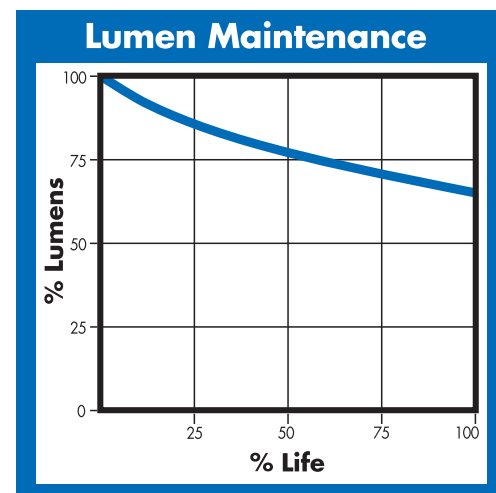
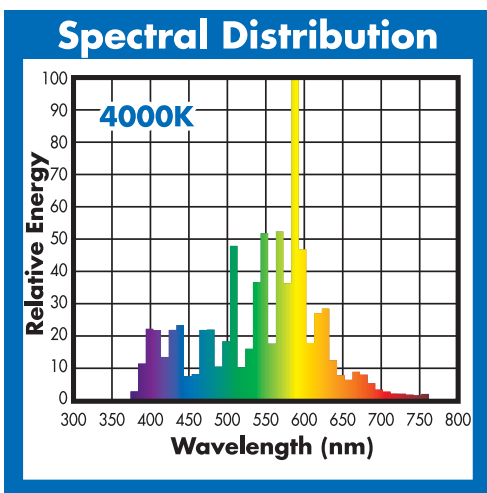
### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	68
MR-Credit 4 Reduced Mercury in Lamps	1 LEED point

### NOTES

Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts. Operation of position-rated lamps outside of their tolerances will result in poor performance. Minimum Starting Temperature: -40°C/°F. To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio. \*\*LEED V3, MR CREDIT 4: Sustainable Purchasing - Reduced Mercury in Lamps is awarded 1 point for projects which at least 90% of all mercury-containing lamps purchased during the performance period comply and meet the target for mercury content of 90 picograms per lumen-hour or less.

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**  
FOR RECYCLING PURPOSES