

# 320 Watt Pulse Start Lamp

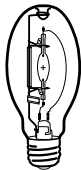
# 47549 DATA SHEET



Horizontal  
Pulse Start



**ED28**



Dia. = 3.5" (90mm)  
MOL = 8.3" (211mm)  
LCL = 5.0" (127mm)  
Base = Mogul (E39)

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## MS 320W/H75/ED28/PS/740

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M132, M154/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	26000 hours
Operating Position	Horizontal ±75°
Dimming	50% Rated Power

### PHOTOMETRIC

Initial Lumens	30000
Scotopic Lumens (S/P 1.7)	51000
Lumens Per Watt	94
Lamp Lumen Depreciation (LLD)	.80 (80%) @ 8000 hours
Correlated Color Temperature	4000K
Chromaticity Coordinates (CIE-x,y)	.385 .390
Color Rendering Index (CRI)	68

### PHYSICAL

Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	38.4 mm
Max. Base Temperature (°C)	230
Max. Bulb Temperature (°C)	450
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

### ELECTRICAL

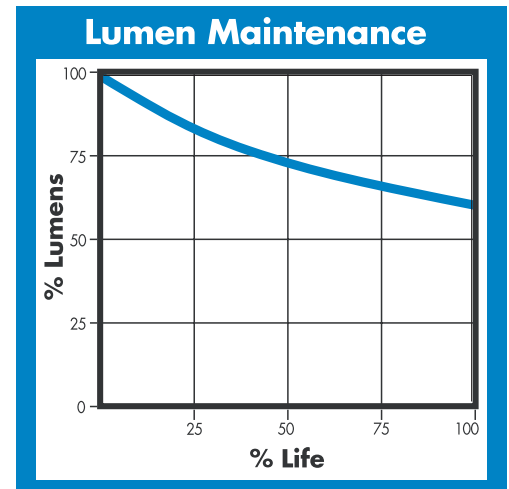
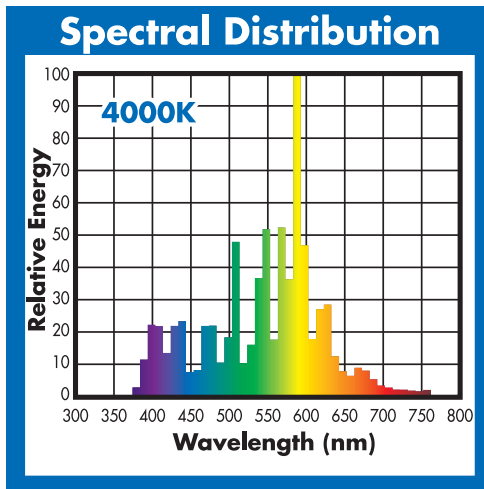
Lamp Watts	320
Lamp Oper. Voltage (Nom.)	135

### SUSTAINABILITY

Recycling Program	Smartpac® 800-451-2606
Picograms Hg per Mean Lumen Hour	45
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 magnetic ballasts. Performance of position-rated lamps outside of their tolerances will result in poor performance. Minimum Starting Temperature: -40°C/°F. UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing. 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.



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