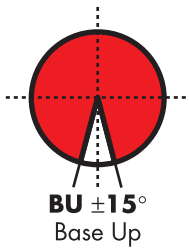
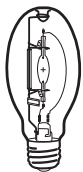


**PRECISION**  
LIGHTING & TRANSFORMER



**ED28**



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

## MS 175W/BU/PS/740

### GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M137, M152/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	15000 hours
Operating Position	Base Up ±15°
Dimming	50% Rated Power

### PHOTOMETRIC

Initial Lumens	17500
Scotopic Lumens (S/P 1.7)	30000
Lumens Per Watt	100
Lamp Lumen Depreciation (LLD)	.86 (86%) @ 6000 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	20.6 mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

### ELECTRICAL

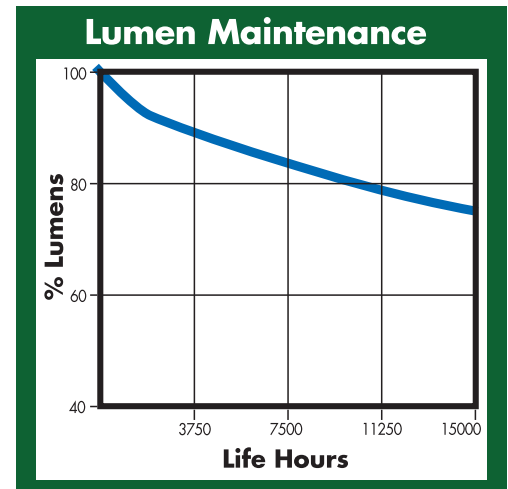
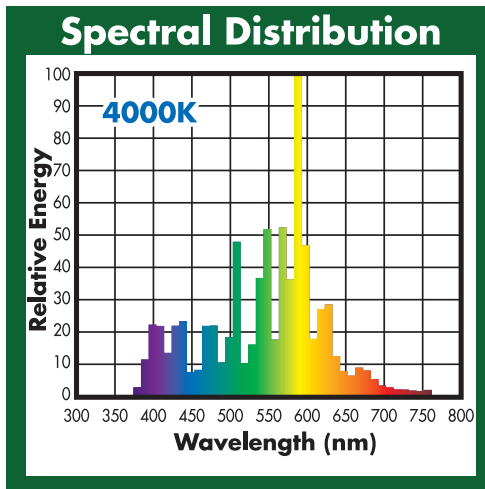
Lamp Watts	175
Lamp Oper. Voltage (Nom.)	132

### SUSTAINABILITY

Recycling Program	
EISA 2007 Compliant	Yes

### NOTES

Lamp performance ratings published in this data sheet are based on operation with approved electronic ballasts. Performance 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.



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.