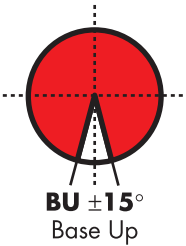
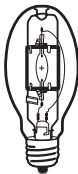


PRECISION
LIGHTING & TRANSFORMER



ED28



Dia. = 3.5" (90mm)
MOL = 8.3" (211mm)
LCL = 5.0" (127mm)
Base = Mogul (EX39)

MP 250W/BU/UVS/PS/740

GENERAL Characteristics

Lamp Type	MH Pulse Start Single Ended
ANSI Code	M138, M153/O
Bulb Shape	ED28
Base Type	Mogul (EX39)
Bulb Finish	Clear
Rated Life	20000 hours
Operating Position	Base Up ±15°
Dimming	50% Rated Power

PHOTOMETRIC

Initial Lumens	23800
Scotopic Lumens (S/P 1.7)	40000
Lumens Per Watt	95
Lamp Lumen Depreciation (LLD)	.86 (86%) @ 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	30.1 mm
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Open / Enclosed Rated

ELECTRICAL

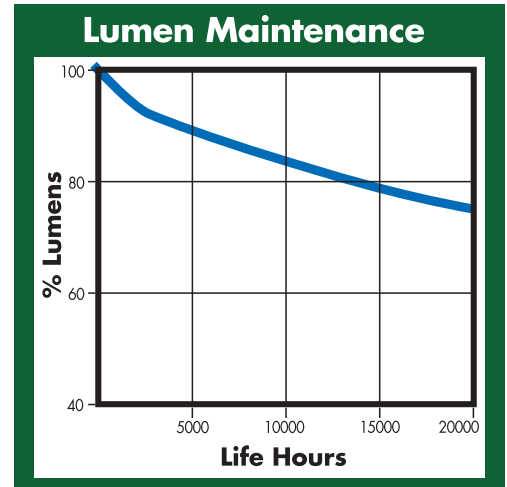
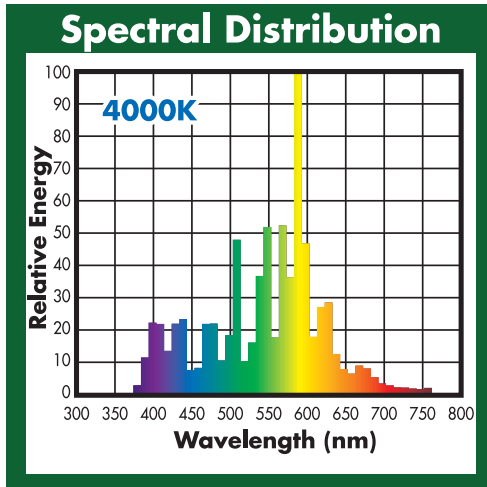
Lamp Watts	250
Lamp Oper. Voltage (Nom.)	133

SUSTAINABILITY

Recycling Program	
Picograms Hg per Mean Lumen Hour	63
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 of position-rated lamps outside of their tolerances will result in poor performance. UV Shield eliminates nearly all UV emissions, reducing color fading and lens yellowing. 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 mercurycontaining 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.