



MS 175W/C/BU/3K GENERAL Characteristics

Lamp Type	Standard MH Single Ended
ANSI Code	M57/E
Bulb Shape	ED28
Base Type	Mogul (E39)
Bulb Finish	Coated
Rated Life	10000 hours
Operating Position	Base Up $\pm 15^\circ$

PHOTOMETRIC

Initial Lumens	13600
Lumens Per Watt	78
Lamp Lumen Depreciation (LLD)	0.65 (65%) @ 4000
Correlated Color Temperature	3200K
Chromaticity Coordinates (CIE-x,y)	.420 .395
Color Rendering Index (CRI) R_a	70

PHYSICAL

Bulb Diameter	3.5" (90mm)
Max. Overall Length (MOL)	8.3" (211mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
Max. Base Temperature ($^\circ\text{C}$)	210
Max. Bulb Temperature ($^\circ\text{C}$)	400
Socket Pulse Rating (KV)	-
Luminaire Type	Enclosed Rated

ELECTRICAL

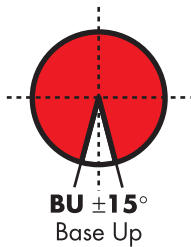
Lamp Watts	175
Lamp Oper. Voltage (Nom.)	132
Dimming	

SUSTAINABILITY

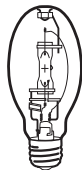
Mercury Amount (mg)	27.0
Picograms of Hg per Mean Lumen Hour	307

NOTES

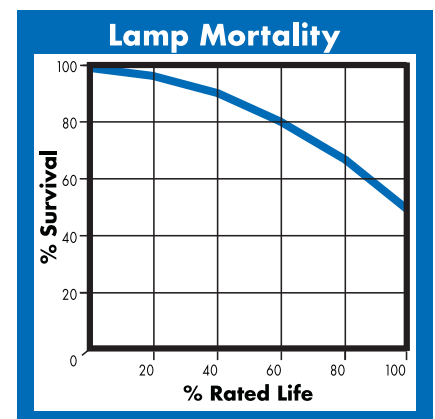
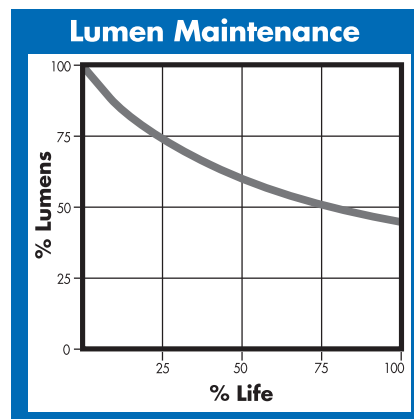
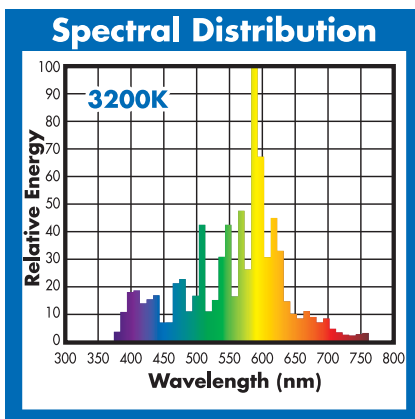
- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Operation of position-rated lamps outside of their tolerances will result in poor performance.
- Dimming applicable only when lamp is installed in the Base Up $\pm 15^\circ$ ($\text{BU} \pm 15^\circ$) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.4).



ED28



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



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THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30
Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives

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.