

320 Watt Pulse Start Lamp

10104 DATA SHEET



UNI-FORM
PULSE START METAL HALIDE LIGHTING SYSTEMS

MP 320W/C/BU/ED28/UVS/PS/737

GENERAL Characteristics

| | |
|--------------------|-----------------------------|
| Lamp Type | MH Pulse Start Single Ended |
| ANSI Code | M132, M154/0 |
| Bulb Shape | ED28 |
| Base Type | Mogul (EX39) |
| Bulb Finish | Coated |
| Rated Life | 30000 hours |
| Operating Position | Base Up $\pm 15^\circ$ |
| Dimming | 50% Rated Power |

PHOTOMETRIC

| | |
|------------------------------------|------------------------|
| Initial Lumens | 29000 |
| Scotopic Lumens (S/P 1.7) | 49000 |
| Lumens Per Watt | 91 |
| Lamp Lumen Depreciation (LLD) | .86 (86%) @ 8000 hours |
| Correlated Color Temperature | 3700K |
| Chromaticity Coordinates (CIE-x,y) | .395 .390 |
| Color Rendering Index (CRI) | 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 ($^\circ\text{C}$) | 230 |
| Max. Bulb Temperature ($^\circ\text{C}$) | 450 |
| Socket Pulse Rating (KV) | 4 |
| Luminaire Type | Open / Enclosed Rated |

ELECTRICAL

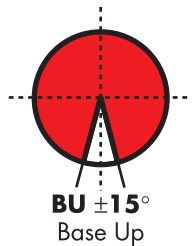
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|---------------------------|-----|
| Lamp Watts | 320 |
| Lamp Oper. Voltage (Nom.) | 135 |

SUSTAINABILITY

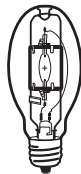
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|--------------------------------------|------------------------------------|
| Recycling Program | Smartpac [®] 800-451-2606 |
| Picograms Hg per Mean Lumen Hour | 42 |
| MR-Credit 4 Reduced Mercury in Lamps | 1 LEED point |
| EISA 2007 Compliant | 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: $-40^\circ\text{C}/^\circ\text{F}$. 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.



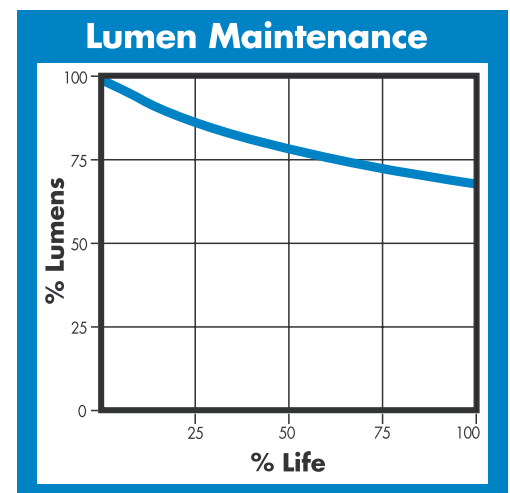
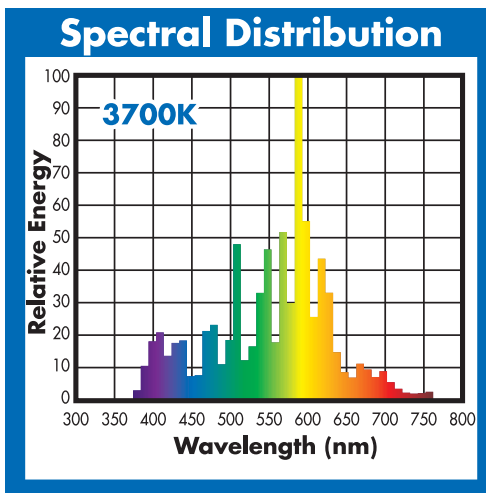
ED28



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

**(800) 451-2606
or (440) 248-3510**

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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