MH 250W/U

GENERAL Characteristics

Lamp Type: Standard MH Single Ended
ANSI Code: M58/E
Bulb Shape: ED28
Base Type: Mogul (E39)
Bulb Finish: Clear
Rated Life (V): 10000 hours
Rated Life (H): 7500 hours
Operating Position: Universal

PHOTOMETRIC

Initial Lumens / LPW (V): 21000 / 84
Initial Lumens / LPW (H): 18900 / 76
Lamp Lumen Depreciation (LLD): 0.65 (65%) @ 4000 hours
Correlated Color Temperature: 4000K
Chromaticity Coordinates (CIE-x,y): .385 .390
Color Rendering Index (CRI) Rₙ: 65

PHYSICAL

Bulb Diameter: 3.5" (90mm)
Max. Overall Length (MOL): 8.3" (211mm)
Light Center Length (LCL): 5.0" (127mm)
Effective Arc Length: 27.0 mm
Max. Base Temperature (°C): 210
Max. Bulb Temperature (°C): 400
Socket Pulse Rating (KV):
Luminaire Type: Enclosed Rated

SUSTAINABILITY

Mercury Amount (mg): 30.0
Picograms of Hg per Mean Lumen Hour (V): 219

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Performance ratings of Universal lamps are based upon Vertical (±15°) operation.
- Dimming applicable only when lamp is installed in the Base Up ±15° (BU±15°) position.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

ELECTRICAL

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

SPECTRAL DISTRIBUTION

LUMEN MAINTENANCE

LAMP MORTALITY