MP 250W/C/BU/PS/EM/950

GENERAL Characteristics

Lamp Type: MH Pulse Start Single Ended
ANSI Code: M138, M153/0
Bulb Shape: ED28
Base Type: Mogul (EX39)
Bulb Finish: Coated
Rated Life: 20000 hours
Operating Position: Base Up ±15°

PHOTOMETRIC

Initial Lumens: 16500
Lumens Per Watt: 66
Lamp Lumen Depreciation (LLD): 0.90 (90%) @ 8000 hours
Correlated Color Temperature: 5000K
Chromaticity Coordinates (CIE-x,y): .346 .359
Color Rendering Index (CRI) Ra: 90+

PHYSICAL

Bulb Diameter: 3.5" (90mm)
Max. Overall Length (MOL): 8.3" (211mm)
Light Center Length (LCL): 5.0" (127mm)
Effective Arc Length: 27.6mm
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

Mercury Amount (mg): 13.5
Picograms of Hg per Mean Lumen Hour: 45

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with approved electronic ballasts.
- Operation 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 (2.1).

Spectral Distribution

Lumen Maintenance

Lamp Mortality

This lamp conforms to Federal Standard 21 CFR 1040.30. Complies with (CE), Low Voltage (CE), WEEE and RoHS Directives.
Warnings: 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.