250 Watt Probe Start Lamp

MS 250W/C/BU/3K
GENERAL Characteristics

Lamp Type: Standard MH Single Ended
ANSI Code: MS8/E
Bulb Shape: ED28
Base Type: Mogul (E39)
Bulb Finish: Coated
Rated Life: 10000 hours
Operating Position: Base Up ±15°

PHOTOMETRIC

Initial Lumens: 20000
Lumens Per Watt: 80
Lamp Lumen Depreciation (LLD): 0.65 (65%) @ 4000
Correlated Color Temperature: 3200K
Chromaticity Coordinates (CIE-x,y): .420 .395
Color Rendering Index (CRI) Ra: 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 (°C): 210
Max. Bulb Temperature (°C): 400
Socket Pulse Rating (KV): -
Luminaire Type: Enclosed Rated

SPECTRAL DISTRIBUTION

Wavelength (nm)
3200K

LUMEN MAINTENANCE

% Lumen
%
25 75 100
25 50 75 100
% Life
% Life

LAMP MORTALITY

% Rated Life
% Survival

Electrical

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

SUSTAINABILITY

Mercury Amount (mg): 34.0
Picograms of Hg per Mean Lumen Hour: 262

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 ±15° (BU±15°) position.
• To calculate nighttime Scopitopic lumens, multiply the lumen rating by the S/P ratio (1.4).

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

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