GENERAL Characteristics

Lamp Type
Standard MH Single Ended

ANSI Code
M59/E

Bulb Shape
ED28

Base Type
Mogul (E39)

Bulb Finish
Coated

Rated Life (V)
20000 hours

Rated Life (H)
15000 hours

PHOTOMETRIC

Initial Lumens / LPW (V) 34000 / 85

Initial Lumens / LPW (H) 30600 / 77

Lamp Lumen Depreciation (LLD) 0.65 (65%) @ 8000 hours

Correlated Color Temperature 3700K

Chromaticity Coordinates (CIE-x,y) .395 .390

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) 230

Max. Bulb Temperature (°C) 450

Socket Pulse Rating (KV) N/A

Luminaire Type Enclosed Rated

ELECTRICAL

Lamp Watts 400

Lamp Oper. Voltage (Nom.) 135

SUSTAINABILITY

Mercury Amount (mg) 55.0

Picograms of Hg per Mean Lumen Hour (V) 124

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).