



Metal Halide Probe Start Specifications

250 Watt Probe Start Metal Halide Lamps

Performance Data

Item #	Description	ANSI Designation	Light Output (Lumens @ 100 Hrs.)	Lamp Lumens Per Watt	Mean Output (Lumens)	Related Life (Hours @ 10 Hr./Start)	Correlated Color Temperature K	Chromaticity (CIE-X,Y)	Color Rendering Index (CRI)	Warm Up Time (Minutes)	Hot Restart Time (Minutes)	Burning Position
46320	MH 250W/U	M58/E	21000 V	84 V	13700 V	10000 V	4000	.385	65	3-5	5-10	Universal
			18900 H	76 H	12300 H	7500 H		.390				
46321	MH 250W/C/U	M58/E	20000 V	80 V	13000 V	10000 V	3700	.395	70	3-5	5-10	Universal
			18000 H	72 H	11700 H	7500 H		.390				

Note: C designates a coated outer jacket
 ANSI Designation: E = Enclosed rated luminaire, O = Open rated luminaire

Physical Data / Requirements:

Base Designation ----- Mogul (E39)
 Bulb Designation ----- ED28
 Bulb Diameter ----- 3½"
 Max. Overall Length (MOL) ----- 8⅝"
 Light Center Length (LCL) ----- 5"
 Effective Arc Length ----- 27 mm
 Max. Base Temperature (°C) ----- 210
 Max. Bulb Temperature (°C) ----- 400
 Luminaire Type ----- Enclosed
 Socket Style ----- Mogul

Electrical Data / Requirements:

Lamp Wattage ----- 250
 Operating Voltage (Nominal) ----- 133
 Operating Current (Amps) ----- 2.1

Notes:

Lamp operates on standard 250 watt (M58) metal halide ballast.
 Nominal color temperature rating is based on vertical (±15°) operation of the lamp.
 Off vertical positions will result in higher color temperature.

