



Metal Halide Probe Start Specifications

175 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
46310	MH 175W/U	M57/E	14000 V	80 V	9100 V	10000 V	4000	.385	65	3-5	5-10	Universal
			12600 H	72 H	8200 H	7500 H		.390				
46311	MH 175W/C/U	M57/E	13300 V	76 V	8600 V	10000 V	3700	.395	70	3-5	5-10	Universal
			12000 H	68 H	7800 H	7500 H		.390				
46317	MH 175W/U/ MED	M57/E	14000 V	80 V	9100 V	10000 V	4000	.385	65	3-5	5-10	Universal
			12600 H	72 H	8200 H	7500 H		.390				
46319	MH 175W/C/U/ MED	M57/E	13300 V	76 V	8600 V	10000 V	3700	.395	70	3-5	5-10	Universal
			12000 H	68 H	7800 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)	Medium (E26)
Bulb Designation -----	ED28	ED17
Bulb Diameter -----	3½"	2⅞"
Max. Overall Length (MOL) -----	8⅝"	5⅞"
Light Center Length (LCL) -----	5"	3⅝"
Effective Arc Length -----	19.5 mm	19.5 mm
Max. Base Temperature (°C) -----	210	210
Max. Bulb Temperature (°C) -----	400	450
Luminaire Type -----	Enclosed	Enclosed
Socket Style -----	Mogul	Medium

Electrical Data / Requirements:

Lamp Wattage -----	175
Operating Voltage (Nominal) -----	132
Operating Current (Amps) -----	1.5

Notes:

Lamp operates on standard 175 watt (M57) 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.

