

350 Watt Pulse 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
46250	MS 350W/V/PS	M131/E	37000	106	29000	20000	4000	.385 .390	65	2-3	4-6	Vertical ±15°
46253	MS 350W/C/V/PS	M131/E	35000	100	28000	20000	3700	.395 .390	70	2-3	4-6	Vertical ±15°
46254	MS 350W/V/ED28/PS	M131/E	37000	106	29000	20000	4000	.385 .390	65	2-3	4-6	Vertical ±15°
46256	MS 350W/C/V/ED28/PS	M131/E	35000	100	28000	20000	3700	.395 .390	70	2-3	4-6	Vertical ±15°
46257	MP 350W/C/BU/UVG/PS	M131/O	33000	94	26000	20000	3700	.395 .390	70	2-3	5-8	BU±15°
46258	MP 350W/BU/UVG/PS	M131/O	35000	100	28000	20000	4000	.385 .390	65	2-3	5-8	BU±15°
46259	MP 350W/C/BU/ED28 UVG/PS	M131/O	33000	94	26000	20000	3700	.395 .390	70	2-3	5-8	BU±15°
46260	MP 350W/BU/ED28/UVG/PS	M131/O	35000	100	28000	20000	4000	.385 .390	65	2-3	5-8	BU±15°

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

Physical Data / Requirements:

	Mogul (E39)	Mogul (EX39)	Mogul (E39)	Mogul (EX39)
Base Designation	Mogul (E39)	Mogul (EX39)	Mogul (E39)	Mogul (EX39)
Bulb Designation	ED28 (MS)	ED28 (MP)	ED37 (MS)	ED37 (MP)
Bulb Diameter	3½"	3½"	4⅝"	4⅝"
Max. Overall Length (MOL)	8⅝"	8⅝"	11½"	11½"
Light Center Length (LCL)	5"	5"	7"	7"
Effective Arc Length	38.4 mm	38.4 mm	38.4 mm	38.4 mm
Max. Base Temperature (°C)	230	230	210	210
Max. Bulb Temperature (°C)	400	400	400	400
Luminaire Type	Enclosed	Open	Enclosed	Open
Socket Pulse Rating (KV)	3-4	3-4	3-4	3-4
Socket Style	Mogul	Mogul	Mogul	Mogul

Electrical Data / Requirements:

Lamp Wattage	350
Operating Voltage (Nominal)	135
Operating Current (Amps)	2.8
Min. Open Circuit Voltage (RMS)	254
Min-max starting pulse peak (Peak V)	3000-4000
Min. Pulse Width at 2700 volts (u sec)	1
Min. Pulse Rate per ½ Cycle	1
Pulse Position (Min. % OCV Peak)	90

Notes:

Special open rated socket is required (EX39) for MP lamps.
UV Guard™ reduces normal UV emissions up to 90%.
MP lamps are open luminaire rated and contain shrouded arc tubes.
Pulse Start lamps require an ignitor for starting.

