



Product Specification Bulletin

200 Watt

PULSE START

UNI-FORM[®]
PULSE START SYSTEM

Coated - 4K

Mogul - Enclosed Luminaire



VERTICAL ± 15°

MS 200W/C/V/PS/737		Product Number	70345
Lamp Type		SINGLE ENDED METAL HALIDE	
ANSI Designation		M136/E	
Performance Data			
Light Output (Lumens @ 100 Hrs.)		20000	
Lamp Lumens Per Watt		100	
Mean Output (Lumens)		16000	
Rated Life (Hrs. @ 10 Hr. / Start)		15000	
Correlated Color Temperature K		3700	
Chromaticity (CIE -X,Y)		.395 .390	
Color Rendering Index (CRI)		70	
Typical Warm Up Time (Minutes)		1-2	
Typical Hot Restart Time (Minutes)		2-4	
Burning Position		VERTICAL ± 15°	
Physical Data / Requirements			
Base Designation		MOGUL (E39)	
Bulb Designation		ED28	
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	
Luminaire Type		ENCLOSED	
Socket Pulse Rating (KV)		4	
Socket Style		ENCLOSED RATED E39	
Electrical Data / Requirements			
Lamp Wattage		200	
Operating Voltage (Nominal)		132	
Operating Current (Amps)		1.6	
Min. Open Circuit Voltage (RMS)		254	
Min. -Max. Starting Pulse (Peak V)		3000-4000	
Min. Pulse Width At 2700 Volts (u sec)		1	
Min. Pulse Rate Per 1/2 Cycle		1	
Pulse Position (Min. % OCV Peak)		90	
Revision: 7/23/2008		2525 - 0	

Notes

- ▶ Requires an ignitor for starting.
- ▶ Minimum Starting Temperature: -40°C/°F

Lamps

THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

Warning: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.