

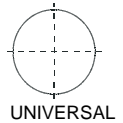


Product Specification Bulletin

70 Watt

PAR 38 METAL HALIDE

Spot
Clear - 3K



MP 70W/U/PAR38/3K/20 **Product Number** **69584**

Lamp Type SINGLE ENDED METAL HALIDE

Control Gear M98 OR REACTOR/IGNITOR

Performance Data	
<i>Center Beam Candle Power</i>	18000
<i>Beam Angle @ 50% CBCP (Degrees)</i>	20
<i>Rated Life (Hrs. @ 10 Hr. / Start)</i>	8500
<i>Correlated Color Temperature K</i>	3200
<i>Chromaticity (CIE -X, Y)</i>	.420 .395
<i>Color Rendering Index (CRI) or (Ra)</i>	75
<i>Typical Warm Up Time (Minutes)</i>	1-2
<i>Typical Hot Restart Time (Minutes)</i>	2-4
<i>Burning Position</i>	UNIVERSAL

Physical Data / Requirements	
<i>Base Designation</i>	E26 MEDIUM SKIRT (E26/50x39)
<i>Bulb Designation</i>	PAR38
<i>Bulb Diameter</i>	4 3/4"
<i>Max. Overall Length (MOL)</i>	5 5/16"
<i>Light Center Length (LCL)</i>	N/A
<i>Effective Arc Length</i>	N/A
<i>Max. Base Temperature (°C)</i>	210
<i>Max. Bulb Temperature (°C)</i>	400
<i>Luminaire Type</i>	OPEN
<i>Socket Pulse Rating (KV)</i>	4
<i>Socket Style</i>	MEDIUM

Electrical Data / Requirements	
<i>Lamp Wattage</i>	70
<i>Operating Voltage (Nominal)</i>	85
<i>Operating Current (Amps)</i>	0.90
<i>Min. Open Circuit Voltage (RMS)</i>	235
<i>Min. -Max. Starting Pulse (Peak V)</i>	3000-4000
<i>Min. Pulse Width At 2700 Volts (u sec)</i>	1
<i>Min. Pulse Rate Per 1/2 Cycle</i>	1
<i>Pulse Position (Min. % OCV Peak)</i>	90

Revision: 5/29/2001 **1006 - 4**

- Notes**
- ▶ Use standard E26 medium socket only. Extended socket (EX26) is not compatible with this lamp type.
 - ▶ Protect lamps from direct contact with liquids (such as rain, sleet or snow) to avoid breakage from thermal shock.
 - ▶ Nominal color temperature rating is based on vertical ($\pm 15^\circ$) operation of the lamp. Off vertical positions will result in higher color temperature.
 - ▶ PAR lamp lenses may separate from the PAR body. It is recommended that the luminaire design incorporate a screen or other suitable protective device.

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.