



ANSI Code: M135/155

Product Code: 50330

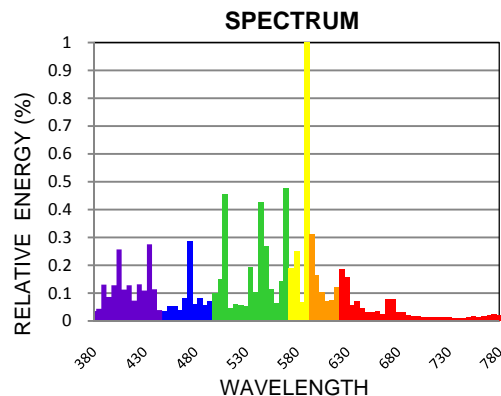
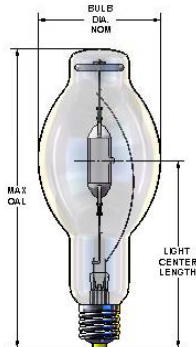
**FEATURES:**

- High Output, Position Oriented Metal Halide
- High initial and maintained lumens
- Superior lamp to lamp color consistency

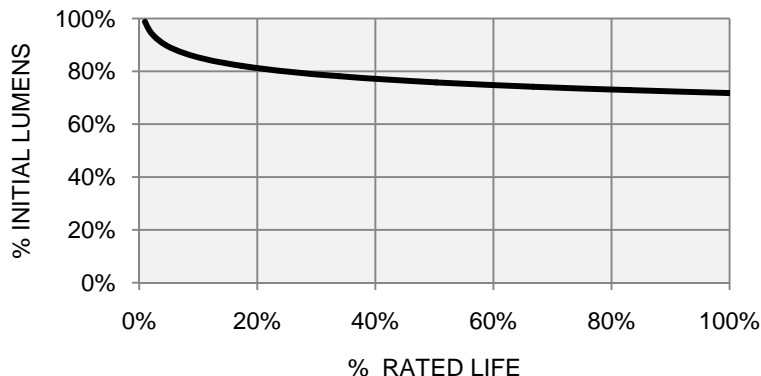
- Pulse Start Performance

**PERFORMANCE DATA**

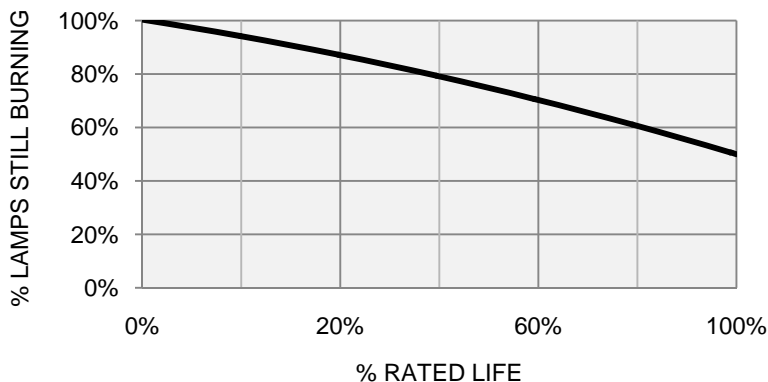
Initial Lumens	36000	lm
Mean lumens at 11 hours/start	28800	lm
Rated average life	20000	hr
Warm-up time (90% lumens)	<6	min
Correlated Color Temperature	4000	°K
CIE chromaticity	.387, .406	x,y
Color Rendering Index [Ra]	65	
Operating position	Horizontal	
Time to re-start (max)	10	min

**ELECTRICAL CHARACTERISTICS**

Nominal lamp wattage	400	W
Nominal lamp voltage	135	V
Nominal lamp current	3.25	$A_{RMS}$
Current crest factor	1.8	
<b>Ballast requirements</b>		
Open Circuit Voltage -30°C(-22°F)	254	$V_{RMS}$
	483	$V_{PEAK}$
Min starting current	3.2	$A_{RMS}$
Max starting current	5	$A_{RMS}$

**LUMEN MAINTENANCE****PHYSICAL DESCRIPTION**

Effective Arc Length	51 (2.01)	mm (in)
Maximum Overall Length	292 (11.5)	mm (in)
Light Center Length	178±6 (7±0.24)	mm (in)
Bulb Diameter	118 (4.6)	mm (in)
Base to bulb eccentricity	3°	max
Maximum Base Temperature	210 (410)	°C (°F)
Maximum Bulb Temperature	400 (752)	°C (°F)
Bulb designation	BT37	
Bulb Material	Lead-free	
Arc Tube Material	Quartz	
Bulb Finish	Clear	
Base Designation	E39	

**LAMP MORTALITY**

ISO 9001:2008 Certified ISO 14001:2004 Certified OSHAS 18001:2007 Certified ISO 17025:2005 Accredited



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**⚠ WARNING**

This lamp can cause serious skin burn and eye inflammation from short-wave 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 the outer envelope is broken or punctured are commercially available.

**RISK OF ELECTRIC SHOCK**

- Turn power off before inspection, installation or removal
- Protect lamp from direct contact with liquids to avoid breakage from thermal shock

**RISK OF FIRE**

- Keep combustible materials away from lamp during operation

**UNEXPECTED LAMP RUPTURE MAY CAUSE INJURY, FIRE, OR PROPERTY DAMAGE**

- Do not exceed rated ballast voltage
- Do not use lamp if outer glass is scratched or broken.
- Do not use beyond rated life
- Do not turn on lamp until fully installed
- Use only with a fixture and ballast rated for this product
- Turn lamp off at least once a week for 15 minutes
- Electrically insulate any metal to glass support in fixture

**⚠ CAUTION**

**RISK OF BURN**

- Allow lamp to cool before handling.

**LAMP MAY SHATTER AND CAUSE INJURY**

- Do not use excessive force when installing lamp
- Dispose of lamp in a closed container

**LAMP OPERATING INSTRUCTIONS**

This is a discharge lamp and requires some time to restart and come up to full brightness after a power interruption. If power supply dips or is interrupted, lamps may extinguish and not restart.

Turn off power supply for 10-15 minutes and allow lamp to fully cool. Lamp will restart when power is restored.

<b>R</b>	<b>Conforms to:</b> USA: 21CFR1040.30    Canada: ANSI 136.1-2000
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<b>Hg</b>	<b>Lamp contains Mercury.</b> Manage in Accord with Disposal Laws
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