



# TECHNICAL BULLETIN

## SELF BALLASTED MERCURY VAPOR REFLECTOR LAMP

Self Ballasted Mercury Vapor  
230/240V750W/R57FL

ANSI Code:

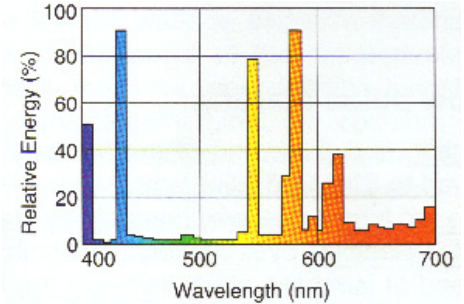
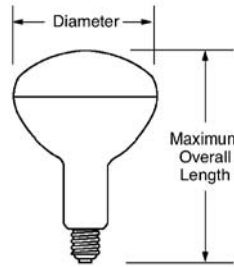
Product Code: 69074

**Features:**

- Ballast Not Required
- Screws Into Existing Incandescent Socket
- Built-in Reflector
- Improved Light Color
- Nickel Plated Base
- Long Life

### PERFORMANCE DATA

Initial lumens at rated watts after 100 hours operation	14000	lm
Average life	16000	h
Warm up time (90% lumens)	4	min
Correlated color temperature	5500	K
Color rendering index	30	
Operating Position	ANY	
Time to hot re-start, maximum	15	min



### ELECTRICAL CHARACTERISTICS

Nominal lamp wattage	750	W
Nominal lamp voltage	230/240	V
Nominal starting lamp current	4.40	Arms
Nominal operating lamp current	3.25	Arms
Allowable Line Voltage Var.	+/- 5	%
Extinguishing Voltage	216	Vrms

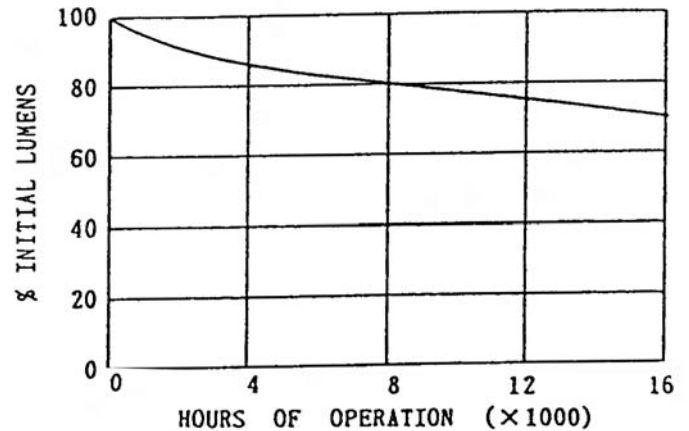
### BEAM CHARACTERISTICS

Beam lumens	12000	lm
Axial beam intensity	3900	cd
Beam angle	130	deg

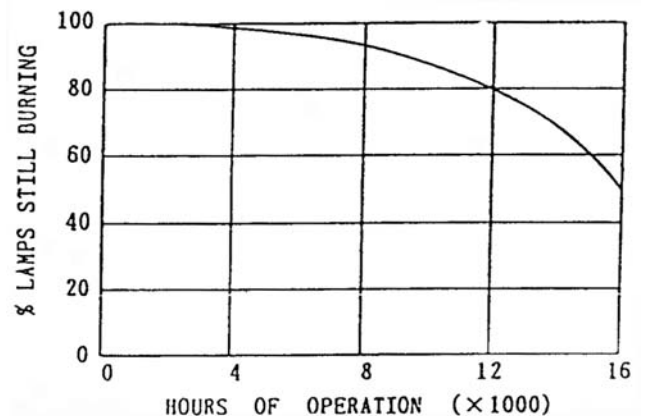
### PHYSICAL DESCRIPTION

Maximum overall length	316(12.44)	mm (in)
Light center length	185 (7.28)	mm (in)
Bulb diameter	180 (7.09)	mm (in)
Base to bulb eccentricity (max)	3	deg
Maximum base temperature	210 (410)	°C (°F)
Maximum bulb temperature	400 (752)	°C (°F)
Bulb designation	R57	
Bulb material	Borosilicate (Hard Glass)	
Arc tube material	Quartz	
Bulb finish	Frosted, reflector	
Base designation	E39 Mogul	
Luminaire Requirements	Cover for direct exposure	

### LUMEN MAINTENANCE



### LAMP MORTALITY



ISO 9001:2008 Certified    ISO 14001:2004 Certified

OSHAS 18001:2007 Certified    ISO 17025:2005 Accredited



**EYE LIGHTING INTERNATIONAL**  
**OF NORTH AMERICA, INC.**

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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 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 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.

**R**

Conforms to:  
USA: 21CFR1040.30 Canada: ANSI 136.1-2000

(Hg) - LAMP CONTAINS MERCURY. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-888-665-2677.



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