

HQI®

Compact, High CRI Metal Halide Lamps



SYLVANIA HQI metal halide lamps combine excellent brightness, long life and high CRI in a compact package for optimal lamp performance.

The HQI family of metal halide lamps is manufactured with the addition of rare earth metal halides to improve color rendering and luminous efficacy. With their compact size and very short arc discharge length, these lamps come very close to being a point source of light allowing luminaire manufacturers to design highly efficient fixtures. The very high color rendering, white light, compact size, long life and high efficacy make these lamps ideal for replacing tungsten halogen in certain retail applications.

Key Features & Benefits

- Excellent CRI, up to 93
- High luminous efficacy
- Available in warm white and cool white correlated color temperature
- Compact single ended or double ended design for optimal fixture efficiency
- Low thermal output
- Long life
- Double-ended contacts allow for exact fixture alignment
- Operate in enclosed fixtures
- UV-Stop outer jacket

Product Offering

Wattage	Bulb Shape	Base
150	R30	*
150	T-7.5 Single Ended	G12

*AMP UNIVERSAL MATE-N-LOCK

Application Information

Applications

- Fiber optics
- Foyers
- Lobbies
- Malls
- Office areas
- Retail stores
- Supermarkets

Fixtures

Lamps are rated for use in enclosed fixtures
Contact your local fixture agent for available fixtures



This light source meets restrictions on hazardous substances.



Ordering Information

Item Number	Ordering Abbreviation	Watts	Bulb	Base	ANSI Code	Average Rated Life (hrs) ¹	Initial Lumens	Mean Lumens	CCT	CRI	Lamp Efficacy (LPW)
Single Ended HQI (Enclosed Fixtures Only)											
64342	HQI-SE 150/NDL	150	T-7.5	G12	M81/E	9,000	13,000	9200	4200K	85	87
Integrated Dichroic Reflector HQI (Enclosed Fixtures Only)											
64339	HQI-R 150/NDL/FO	150	R30	*	M81	9,000	11,000	—	4200K	85	73

Notes:

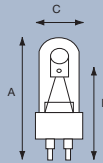
1. Average rated life based on 10 hours per start on ANSI ballasts.
 * AMP UNIVERSAL MATE-N-LOCK.

Ordering Guide

HQI	-	SE	150	/	NDL
Quartz Metal Halide		Bulb Shape: SE = Single Ended R = R30	Wattage: 150W		NDL = 4200K CCT

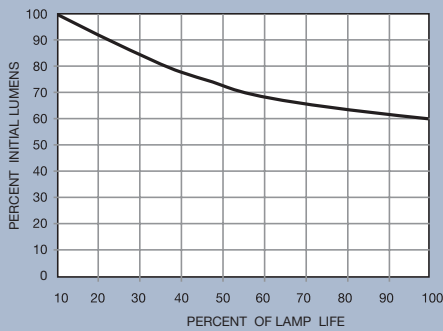
Lamp Dimensions

Ordering Abbreviation	(A) MOL	(B) LCL	(C) Diameter
150 W single-ended	3.31"	2.2"	0.94"
150 W R30	3.62"	—	3.63"

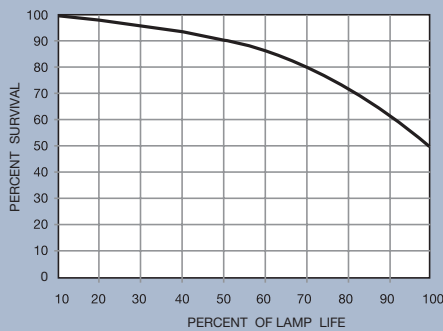


Technical Information

Typical Lumen Depreciation



Typical Mortality Curve



WARNING: This lamp can cause serious skin burn and eye inflammation from shortwave Ultraviolet radiation if the 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.

Specification Data

Fixture Description
Type
Project/Job
SYLVANIA lamp
SYLVANIA ballast
Notes

Sample Specification

Lamp(s) shall be (a) HQI lamps for use in enclosed fixture application. Lamp(s) shall be compact in size for optimum fixture efficiency and have a CRI of 80 or greater (80 through 85).

United States
OSRAM SYLVANIA
 100 Endicott Street
 Danvers, MA 01923

Trade
 Phone: 1-800-255-5042
 Fax: 1-800-255-5043

National Accounts
 Phone: 1-800-562-4671
 Fax: 1-800-562-4674

OEM/Special Markets
 Phone: 1-800-762-7191
 Fax: 1-800-762-7192

Display/Optic
 Phone: 1-888-677-2627
 Fax: 1-800-762-7192

Canada
OSRAM SYLVANIA LTD.
 2001 Drew Road
 Mississauga, ON L5S 1S4

Trade
 Phone: 1-800-263-2852
 Fax: 1-800-667-6772

OEM/Special Markets/Display/Optic
 Phone: 1-800-265-2852
 Fax: 1-800-667-6772

www.sylvania.com