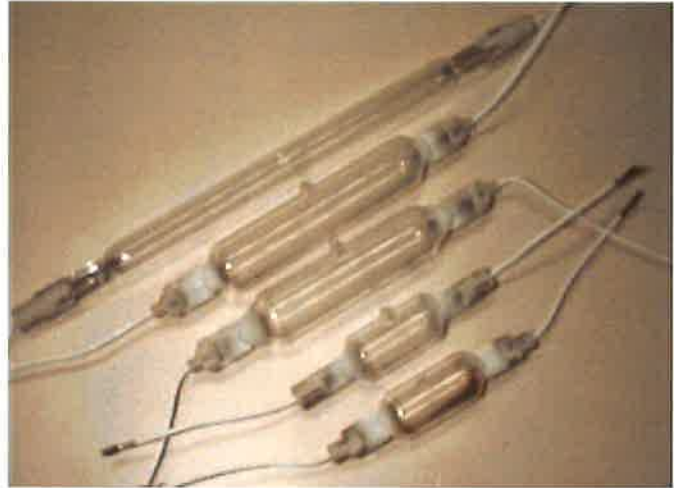


TUBULAR METAL HALIDE LAMPS



This range of tubular metal halide lamps provide an efficient and effective source of Ultra Violet (UV) to expose and treat photosensitive material in a wide variety of industrial processes.

The lamps are available in a variety of configuration, based on physical dimensions, wattage, base type and spectrum, arc voltage. The physical dimensions are optimised based on the requirements of the application and are characterised by the over-all length of the lamp, the arc length and arc tube diameter.

The existing range includes wattages from 125 to 5000 watt.

A variety of bases are used for this range of lamps, Some of these are exclusive to particular equipment manufacturers - aimed at ensuring the use of the correct replacement lamp.

By selection of the fill material a variety of spectral distributions can be produced meeting the demands of individual processes and materials.

The lamps should be selected for their particular suitability to the process being used.

Application

Applications for these lamps should include, printed circuit board exposure, photoengraving, polymerisation processes, water purification, microfilm & micro fiche duplication.

Care and Handling

Particular care should be taken to prevent accidental handling as the oils from the skin can cause damage to the lamps and reduction in efficiency. Any fingerprints, oil or grease should be removed from the surface of the lamp with pure water or alcohol and dried carefully with cotton or a clean cloth.

The lamps radiate UV and should be only used in equipment designed for such use. Care should be taken to avoid accidental exposure to UV.

Operation

The lamps require a ballast and ignitor for their safe and effective operation. Equipment manufacturers recommendations should be observed when fitting replacement ballasts.

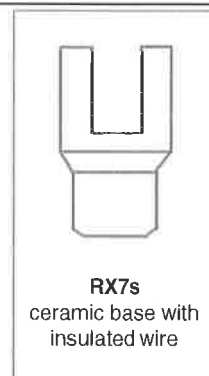
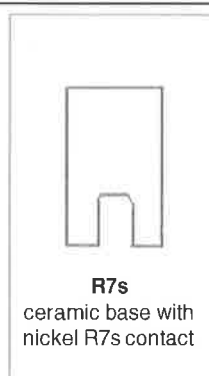
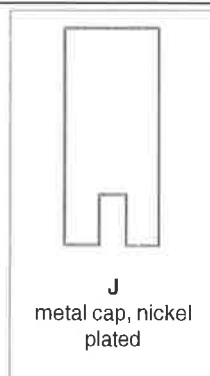
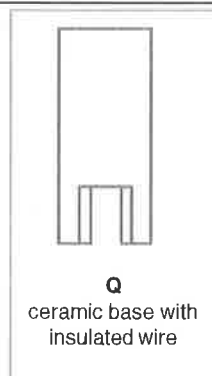
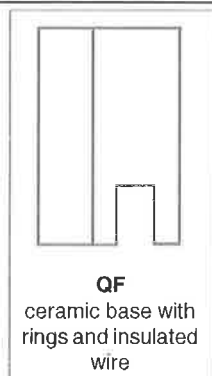
Normally these lamps require auxiliary cooling and care should be taken to ensure that equipment is correctly serviced to ensure effective cooling. Incorrect cooling can lead to short lamp life and compared performance.

Custom Manufacture

Requests for lamps to specifications not listed should be directed to your local Sylvania office shown on this brochure.

TUBULAR METAL HALIDE LAMPS

Type	ELD	W _{la}	V _{la}	I _{la}	Life	Base	LCL	OAL	Max. ø-	Fill in mm
M022	24326	4500	300	15.0	500	Q	110	205/205	33.0	Ga
M024.1	24327	1000	100	11.5	500	Q	30	128/318	26.0	Ga
M024.2	24328	1000	100	11.5	500	QF	30	128/318	26.0	Ga
M025	24329	2000	200	11.5	500	Q	50	130/350	29.0	Ga
M025.2	24330	2000	200	11.5	500	QF	50	130/350	29.0	Ga
M026	24331	4000	400	11.5	500	Q	105	180/350	29.0	Ga
M026.2	24332	4000	400	11.5	500	QF	105	180/350	29.0	Ga
M036.1	24336	2000	200	11.0	500	Q	100	172/372	26.0	Ga
M038	24337	1à4kW	220V/2kW	9.00	500	RX7s	132	218/788	33.0	Ga+Pb
M044	24339	2000	200	11.0	200	J	100	179	26.0	Ga
M057	24341	4000	400	9.00	500	Q	105	180/350	29.0	Fe
M057.2	24342	4000	400	10.5	500	QF	105	180/350	29.0	Fe
M058	24343	2000	200	11.0	500	Q	50	130/350	29.0	Fe+Sn
M058.2	24344	2000	200	11.0	500	QF	50	130/350	29.0	Fe+Sn
M059	24345	1000	110	10.5	500	Q	25	130/320	24.5	Fe+Co
M059.2	24346	1000	110	10.5	500	QF	25	130/320	24.5	Fe+Co
M060	24347	5000	400	12.5	500	Q	160	248/468	29.0	Ga
M060.2	24348	5000	400	12.5	500	QF	150	243/483	29.0	Ga
M063	23276	2000	200	11.0	500	J	100	179	26.0	Hg
M064	23277	5000	200	27.0	100	J	180	280.5	26.0	Hg
M069	24352	5000	400	12.5	500	Q	160	248/468	29.0	Fe
M069.1	24371	5000	380	13.5	500	Q	160	248/468	29.0	Fe
M069.2	24353	5000	400	12.5	500	QF	160	248/468	29.0	Fe
M074	23295	4500	315	15.0	500	Q	100	205	33.0	Ga
M076	23372	3000	375	9.00	500	Q	150	228/718	26.0	Ga
M093	24374	400	135	3.30	500	R7s	55	119.6 max.	15.0	Hg
M105	24356	2000	220	8.70	500	Q	115	191/791	29.0	Ga+Pb
M111	24357	1000	135	8.00	500	RX7s	75	160/450	26.0	Ga+Pb
M114	24360	400	125	4.00	500	Q	45	110/670	19.0	Ga+Pb
M127	23415	400	130	3.50	500	R7s	32	106 max.	14.0	Fe
M130	23209	400	130	3.50	500	R7s	32	106 max.	14.0	Ga
M131	23210	400	130	3.50	500	R7s	32	106 max.	14.0	Hg
M132	23464	2000	220	8.70	500	RX7s	115	191/791	29.0	Fe
UHA220i	77035	1800	210	8.50	1000	Q	222	361/601	21.0	Hg
UHB310i	77007	3800	250	15.0	1000	Q	310	431/691	23.0	Hg



Special Products Group has a policy of continued product development and the information contained in this leaflet may be altered, withdrawn or modified without further notice.
Whilst every care has been taken in preparing this brochure, no responsibility can be accepted for any errors contained.
Cautions, warnings and operating instructions are provided with Sylvania lamps. This information must be read, followed to ensure proper lamp performance and safe operation.
Questions concerning lamp operation not provided in this brochure should be directed to a qualified manufacturer's representative.

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