

Common Problems with Standard Lamps

• Short Life

• Waste Energy

• Poor Quality

MAINTENANCE ENGINEERING'S

MULTI-WATT®



TUBULAR HALOGENS



SOLVE THESE PROBLEMS

• DESIGNED FOR LONG LIFE

- Multiple filament supports resist shock & vibration
- Halogen gas extends filament life
- Pure tungsten filament

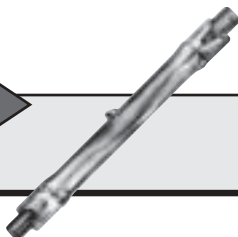
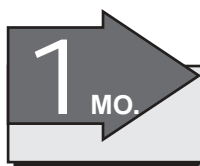
• SAVE ENERGY

- 12% energy savings
- Energy savings pay for the lamp

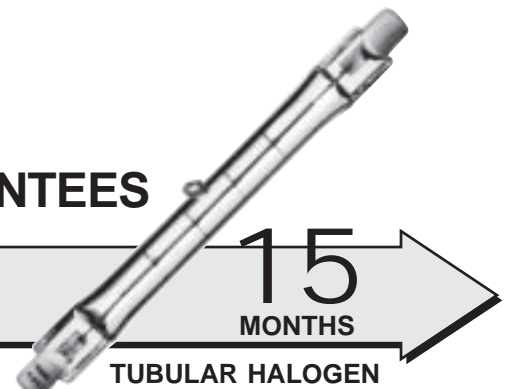
• PREMIUM QUALITY COMPONENTS

- Precisely wound & chemically cleaned filament for long life
- Ceramic ends for maximum heat dissipation
- Silver/nickel contacts resist heat & corrosion
- Quartz envelope for high temperature operation

Standard Lamp
First Burnout



M.E. GUARANTEES



TUBULAR HALOGEN

UNITED STATES 1-800-437-4794
CANADA 1-800-268-4749
TORONTO 1-416-675-1623

M.E.-DTC.com
MAINTENANCE ENGINEERING, LTD

To Order Call

ME7086TUB REV. 10/03

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TECHNICAL INFORMATION TUBULAR HALOGENS

ENERGY SAVINGS

PRESENT LAMP	150W	250W	300W	500W
MULTI-WATT ®	132/150	220/250	264/300	440/500
\$SAVINGS*	\$19.71	\$32.85	\$39.42	\$65.70

*OVER LIFE @ \$.10/KWH

NOTES ON USAGE

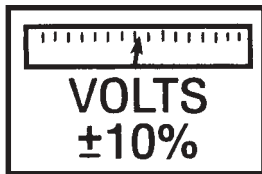
LEVELING

Lamps with RS CONTACT Bases must be installed within 5° of horizontal for maximum life.

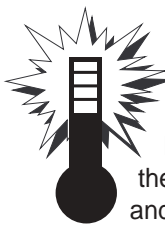


VOLTAGE

Do not operate at 10% or more above or below rated voltage as premature burnout can occur. If used with dimmers, run up to 100% brightness for 15 minutes daily to maximize life.



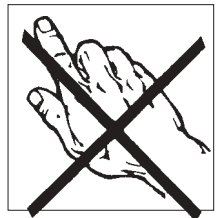
HEAT



Avoid operating lamps in fixtures that are poorly designed to dissipate heat. Excess heat will interfere with the halogen regeneration cycle and shorten lamp life. Use in fixtures with abundant cooling fins, or with plenty of open space around fixture.

CONTAMINATION

Avoid touching during installation or operation. This will deposit skin oil on the bulb, causing localized overheating and violent premature failure. Severe burns are also possible. Clean with isopropyl alcohol or similar solvents to remove contaminants which can cause premature failures.



LAMP SPECIFICATIONS

CODE	DESCRIPTION	\$AVES\$	WATTS	PACK	BASE	M.O.L.	COLOR
QZM111	100T4Q/CL/MC/15MW	13.14	88/100	12	MINI CANDELABRA	3"	CLEAR
QZM301	150T4Q/CL/DCB/15MW	19.71	132/150	12	DC BAYONET	2 3/4"	CLEAR
QZM311	150T4Q/CL/MINI CAND/15MW	19.71	132/150	12	MINI CANDELABRA	3"	CLEAR
QZM571	250T4Q/CL/DCB/15MW	32.85	220/250	12	DC BAYONET	2 3/4"	CLEAR
QZM581	250T4Q/CL/MINI CAND/15MW	32.85	220/250	12	MINI CANDELABRA	3 1/8"	CLEAR
QZM611	300T3Q/RSC/15MW	39.42	264/300	12	R.S. CONTACT	4 11/16"	CLEAR
QZM681	500T4Q/CL/MINI CAND/15MW	65.70	440/500	12	MINI CANDELABRA	3 5/8"	CLEAR
QZM691	500T3Q/CL/RSC/15MW	65.70	440/500	12	R.S. CONTACT	4 11/16"	CLEAR
QZP711	1000T3Q/CL/RSC/240V/12ML		1000	12	R.S. CONTACT	10 1/16"	CLEAR
QZP801	1000T3Q/CL/RSC/208V/12ML		1500	12	R.S. CONTACT	10 1/16"	CLEAR
QZP811	1000T3Q/CL/RSC/240V/12ML		1500	12	R.S. CONTACT	10 1/16"	CLEAR
QZP821	1000T3Q/CL/RSC/277V/12ML		1500	12	R.S. CONTACT	10 1/16"	CLEAR

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