

**MAINTENANCE
ENGINEERING'S**

**COMMON
PROBLEMS**

- SHORT LIFE
- DIM
- WASTES ENERGY
- YELLOW LIGHT

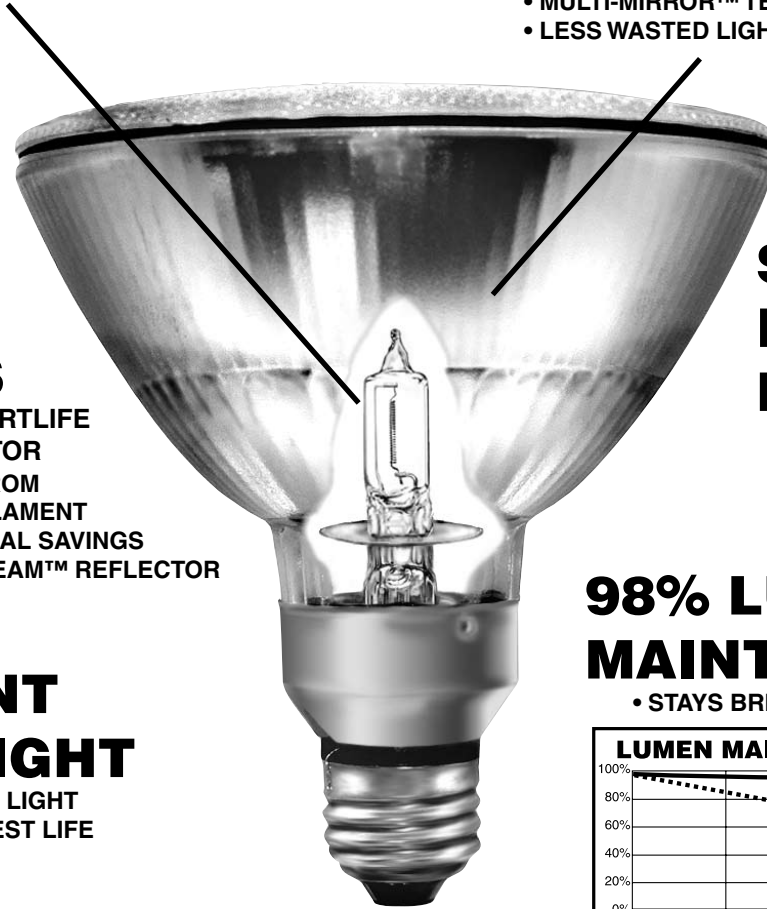
MULTI-WATT® XTRABRITE™ HALOGEN PARS

15 MONTH CAPSULE DESIGN

- PURE TUNGSTEN FILAMENT FOR LONG LIFE
- VIBRA-SHOK® MOUNT FOR DURABILITY

UP TO **32% BRIGHTER**
THAN STANDARD HALOGEN REFLECTOR

- MULTI-MIRROR™ TECHNOLOGY PROJECTS LIGHT
- LESS WASTED LIGHT FROM EDGE-SPILL



UP TO **41%**
**ENERGY
SAVINGS**

COMPARED TO SHORTLIFE
HALOGEN REFLECTOR

- 12% SAVINGS FROM
MULTI-WATT® FILAMENT
- UP TO 29% ADDITIONAL SAVINGS
FROM POWERBEAM™ REFLECTOR

**SMOOTH
EVEN
BEAM**

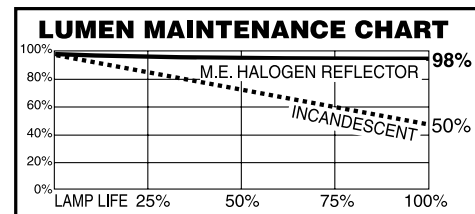
- ELIMINATES STARBURSTS
- NO HOT SPOTS

**BRILLIANT
WHITE LIGHT**

- THE BRIGHTEST LIGHT
WITH THE LONGEST LIFE

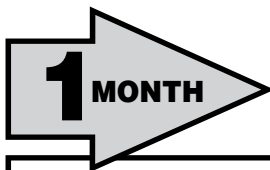
**98% LUMEN
MAINTENANCE**

- STAYS BRIGHT OVER ITS ENTIRE LIFE



MAINTAINS 98% OF INITIAL LUMEN OUTPUT

SHORT LIFE
FIRST BURNOUT
AS EARLY AS



**M.E. XTRABRITE®
GUARANTEED
MINIMUM**



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

M.E. - DTC
MAINTENANCE ENGINEERING, LTD

To Order Call

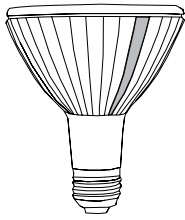
MULTI-WATT® HALOGEN REFLECTOR

15 MONTH DESIGN

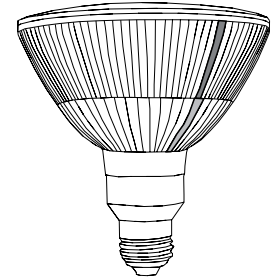
Every MULTI-WATT® Halogen Capsule is designed to last 15+ months under normal operating conditions. Pure vacuum-annealed tungsten filaments and cryogenically filled halogen gases extend life. Rugged VIBRA-SHOK®-mounted capsules and weather-resistant hardened glass adds durability.

UP TO 32% BRIGHTER

High-efficiency reflectors are featured on M.E. lamps.

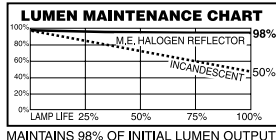


- Up to 32% Light Boost over standard halogen reflector
- *POWERBEAM™ provides maximum beam control
- *Multi-Mirror™ technology reduces wasted light
- Smooth Even Beam



UP TO 41% ENERGY SAVINGS

By combining POWERBEAM™ reflector technology AND MULTI-WATT® energy-saving technology, we get Equal Light from Less Wattage. Compared to shortlife halogen reflectors, you can achieve energy savings up to 41%. Energy savings of at least 64% can be achieved replacing incandescents with equivalent brightness.



98% LUMEN MAINTENANCE

Using new halogen technology, M.E. lamps start out bright and stay bright over their entire life. M.E. lamps achieve 98% lumen maintenance, meaning the lamps don't lose noticeable brightness as they age.

		SHORT LIFE INCANDESCENT					Percent Brighter *	\$ Energy Savings
		50W	65W	85W	120W	150W		
MULTI-WATT®	compare							
	44/50W PAR30	+181% / \$6.58	+140% / \$23.00	+106% / \$44.90	+75% / \$83.23	+61% / \$116.08		
	53/60W PAR30	+218% / \$\$\$	+168% / \$13.14	+128% / \$35.04	+91% / \$73.36	+73% / \$106.21		
	66/75W PAR30	+326% / \$\$\$	+251% / \$\$\$	+192% / \$20.80	+136% / \$59.13	+109% / \$91.99		
	53/60W PAR38	+288% / \$\$\$	+220% / \$13.14	+169% / \$35.04	+120% / \$73.36	+96% / \$106.21		
	66/75W PAR38	+430% / \$\$\$	+330% / \$\$\$	+250% / \$20.80	+180% / \$59.13	+130% / \$91.99		
	79/90W PAR38	+480% / \$\$\$	+369% / \$\$\$	+282% / \$6.58	+200% / \$44.90	+150% / \$77.75		

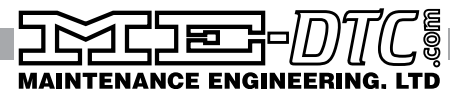
		STANDARD HALOGEN REFLECTOR 130V					Percent Brighter *	\$ Energy Savings
		50W	60W	75W	90W	100W		
MULTI-WATT®	compare							
	44/50W PAR30	+5% / \$\$\$	-13% / \$9.85	-30% / \$24.09	-42% / \$38.33	-48% / \$48.18		
	53/60W PAR30	+28% / \$\$\$	+6% / \$\$\$	-15% / \$14.24	-29% / \$28.48	-36% / \$38.33		
	66/75W PAR30	+65% / \$\$\$	+36% / \$\$\$	+10% / \$\$\$	Similar / \$14.24	-18% / \$24.09		
	53/60W PAR38	+54% / \$\$\$	+32% / \$\$\$	+10% / \$14.24	-5% / \$28.48	-20% / \$38.33		
	66/75W PAR38	+98% / \$\$\$	+64% / \$\$\$	+32% / \$\$\$	+9% / \$14.24	Similar / \$24.09		
	79/90W PAR38	+111% / \$\$\$	+75% / \$\$\$	+40% / \$\$\$	+17% / \$\$\$	+9% / \$9.85		

		STANDARD HALOGEN REFLECTOR 120V					Percent Brighter *	\$ Energy Savings
		50W	60W	75W	90W	100W		
MULTI-WATT®	compare							
	44/50W PAR30	-8% / \$6.58	-23% / \$17.53	-38% / \$33.95	-42% / \$50.38	-54% / \$61.33		
	53/60W PAR30	+12% / \$\$\$	-6% / \$7.66	-25% / \$24.09	-38% / \$40.51	-44% / \$51.46		
	66/75W PAR30	+45% / \$\$\$	+21% / \$\$\$	Similar / \$9.85	-20% / \$26.28	-28% / \$37.23		
	53/60W PAR38	+40% / \$\$\$	+15% / \$7.66	Similar / \$24.09	-15% / \$40.51	-30% / \$51.46		
	66/75W PAR38	+74% / \$\$\$	+45% / \$\$\$	+15% / \$9.85	+7% / \$26.28	-15% / \$37.23		
	79/90W PAR38	+80% / \$\$\$	+50% / \$\$\$	+20% / \$\$\$	Similar / \$12.05	+8% / \$23.00		

SAVINGS COMPUTED @ 10¢/kwh over the guaranteed life of the product

* CBCP OUT OF 3" DEEP RECESSED CANISTER.

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