

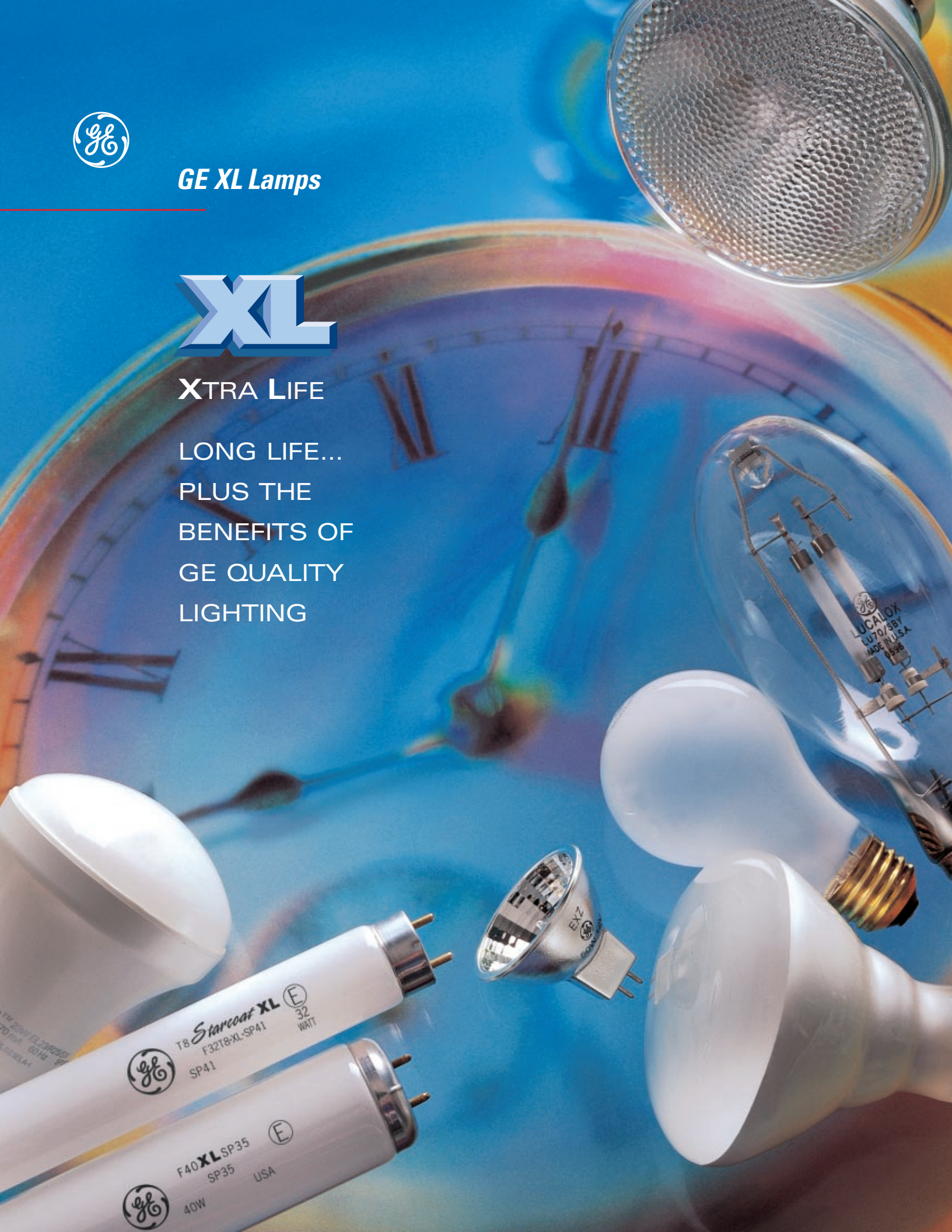


GE XL Lamps

XL

XTRA LIFE

LONG LIFE...
PLUS THE
BENEFITS OF
GE QUALITY
LIGHTING



GE T8 *Starcoat XL* F32T8-XL-SP41 E 32 WATT

GE F40XLSP35 SP35 USA 40W E

EXZ

GE LUCALOX L17D/5BY MADE IN U.S.A. 1996

XL

ANNOUNCING GE XL
LAMPS, FEATURING XTRA
LIFE. EXTRA LIFE MEANS
LOWER COSTS FOR LAMP
REPLACEMENT AND MAIN-
TENANCE, AND EXTENDED
RELAMP CYCLE.

GET EXTRA LIFE...PLUS
THE OTHER ADVANTAGES
OF GE QUALITY LIGHTING...
WITH GE'S EXCLUSIVE XL
LINE OF QUALITY LONG
LIFE LAMPS.

"Longer lamp life, more light,
enhanced color and improved
staff productivity were key reasons
we switched to the new lamp."

—Elmer Armstrong
Assistant Director—Plant Services
Adventist Medical Center

"We wanted energy savings, improved
color rendition and long lamp life. We got
it all on a competitive bid basis from
a lamp and ballast package we selected."

—Mike Cholokian
Electrician—Working Supervisor, Alhambra
Los Angeles County



Starcoat XL

T8 Fluorescent Lamps

**Up to 25% longer life...plus
best color and most light
over life (30,000 hours)!¹**

- **Lasts up to 25% longer than standard T8 lamps.**
 - Provides an extra year of quality lighting — extending relamp cycle and reducing lamp maintenance and labor costs.
- **Extraordinary color.**
 - Best T8 color rendering in the industry. Available in SP color (78 CRI) or even better SPX color (86 CRI) for superior color rendering.
- **More light over life.**
 - GE T8 lamps with Starcoat now feature 95% lumen maintenance, providing more light than competitive lamps over their long life.
- **T8 efficiency delivers significant energy cost savings.**

GE's full line of XL fluorescent lamps includes 2-, 3- and 4-foot T8's, and 4- and 8-foot T12's.



**Left to right: HIR Ultra XL,
Survivor™ XL and
Long Life
Reflector XL**



Ecolux^{XL}

WITH STARCOAT™

Low Mercury T8 Fluorescent Lamps

Up to 25% longer life. Designed for optimum performance and environmental responsibility.

- **Lasts up to 25% longer than standard T8 lamps.**
 - Provides an extra year of quality lighting — extending relamping cycle and reducing lamp maintenance and labor costs.
- **Economical and ecological.**
 - Passes the EPA Toxicity Characteristic Leaching Procedure (TCLP) test,² substantially lowering disposal costs where applicable.
- **All the advantages of Starcoat technology.**
 - Best color and highest lumen maintenance in the industry (see Starcoat XL at left).

HIR Ultra XL™

PAR Lamps

Longest life Halogen PAR lamp made. Lasts three times longer than standard halogen.

- **Ultra long life.**
 - 6,000 hours — three times longer than standard halogen PAR.
- **Energy efficient.**
 - Up to 15% improvement.³
- **Crisp white halogen light.**
 - Dramatically accents and highlights; excellent color rendering (CRI 100).
- **Available in 45-, 55- and 90-watt spot and flood.**

Lucalox®

Standby XL

HPS Lamps

67% longer life than standard HPS.

- **Dual arc tubes provide 40,000 hour life.**
- **Continuous light after power interruption.**
- **Highly efficient.**
 - Up to 125 lumens per watt.
- **Fits standard HPS sockets.**
- **Available in 70-, 100-, 150-, 200-, 250- and 400-watt.**



Survivor™ XL

Incandescent Bulbs

Lasts 3,000 hours, three to four times longer than standard bulbs.⁴

- **Long 3,000 hour life.**
 - Reduces lamp replacement and maintenance hassle and expense.
- **Built tough to last.**
 - Extra filament supports protect the bulb against early burnouts caused by bumps, jars and vibration.
- **130-volt Survivor XL features super long life.**
 - 8,500 hours on a 120-volt circuit.⁵

Long Life Reflector XL

Reflector Bulbs

25% longer life than standard R lamps.

- **Delivers extra long 2,500 hour life.**
 - Exclusive silver reflector with a specially designed filament that delivers 25% longer life and more light than competitive standard reflectors.
- **Available in 45-watt flood and 65-watt flood and spot.**
 - Ideal for high ceilings and track lighting.



¹ 30,000 hours @ 12 hours per start, 24,000 hours @ 3 hours per start.

² State regulations vary. Consult your state EPA.

³ Compared to standard halogen lamps.

⁴ All long life incandescent bulbs trade light for extra life. Survivor XL bulbs provide a 300% to 400% increase in life with 68% to 75% of the light of ordinary bulbs.

⁵ Operated in this manner, the 130-volt Survivor XL consumes 88% of its rated watts and provides 75% of its rated light output.

Other GE Long Life Lamp Options

Genura®

23-Watt Reflector Lamps

Longest life of any compact fluorescent lamp—15,000 hours; more light than 65-watt R30 lamps.

■ **Lasts 15,000 hours.**

- 7.5 times longer than standard R lamps and 50% longer than other compact fluorescent lamps. Ultra long life substantially reduces lamp replacement and maintenance costs, extends relamp cycle.

■ **70% energy cost savings.**

- More light than a 65-watt R30 lamp (75R30).



“We now get over seven times greater lamp life and the high lumen output of the Genura lamp creates a pleasant environment in the lobby.”

—Paul Agulian
Team Coordinator, Electricians
—Facilities Services
Huntington Memorial Hospital

ConstantColor® Precise™

MR16 Lamps

Longest life MR16.

■ **Up to 6,000 hour life (50-watt).**

- 2,000 hours longer than ordinary MR16 lamps.
- Long life means lower lamp replacement and labor costs and fewer disruptions caused by lamp burnouts.

■ **No color shift.**

- Consistent white light over life.

■ **Over 90% maintained lumens over life.**

■ **Precise beam control.**

■ **Available in Cover Glass version.**

- Suitable for use in open fixtures.

■ **Available in Turn & Lock™ style.**

- User-friendly base, easy to install and maintain.



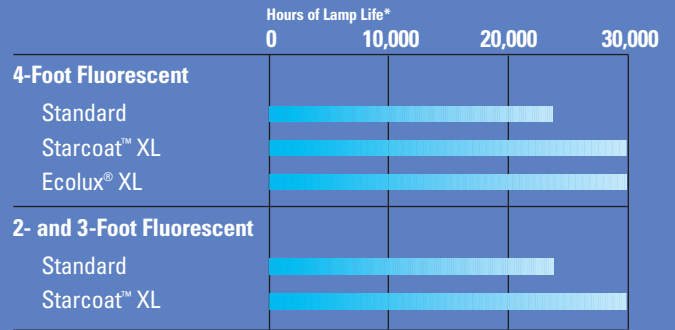
“With seven million light bulbs on the property, we needed lamps with long lamp life to help reduce lamp maintenance [at Disney Wilderness Lodge]. We got ‘em.”

—Chip Israel
Principal
Lighting Design
Alliance

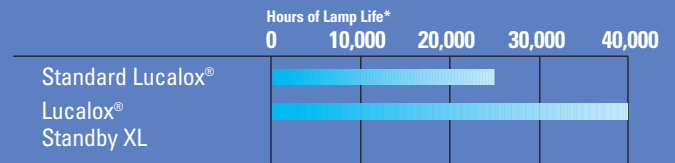


Life Comparisons Standard Lamps vs. **XL** Lamps

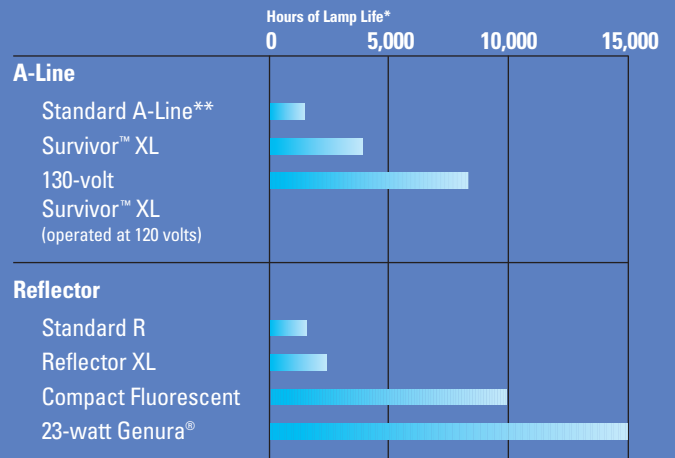
Linear Fluorescent



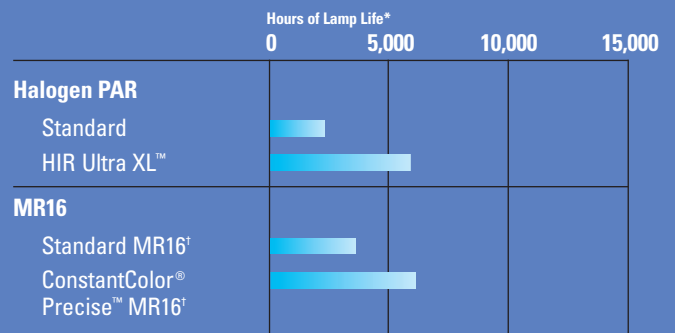
High Pressure Sodium (HPS)



Incandescent/Genura®/CFL



Halogen



* @12 hours per start
 ** 100-watt
 † 50-watt

Performance Data: GE XL Series Lamps

Starcoat™ XL T8

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	MOL IN.	CRI/COLOR TEMPERATURE	LUMENS		LIFE 3 HRS/ START	LIFE 12 HRS/ START	CASE QTY.
					INITIAL	MEAN†			
45485	F17T8/XL/SPX30	17	24	86 @ 3000K	1350	1280	24,000	30,000	24
45486	F17T8/XL/SPX35	17	24	86 @ 3500K	1350	1280	24,000	30,000	24
45487	F17T8/XL/SPX41	17	24	86 @ 4100K	1350	1280	24,000	30,000	24
45488	F17T8/XL/SP30	17	24	78 @ 3000K	1325	1260	24,000	30,000	24
45489	F17T8/XL/SP35	17	24	78 @ 3500K	1325	1260	24,000	30,000	24
45490	F17T8/XL/SP41	17	24	78 @ 4100K	1325	1260	24,000	30,000	24
45491	F25T8/XL/SPX30	25	36	86 @ 3000K	2150	2040	24,000	30,000	24
45492	F25T8/XL/SPX35	25	36	86 @ 3500K	2150	2040	24,000	30,000	24
45493	F25T8/XL/SPX41	25	36	86 @ 4100K	2150	2040	24,000	30,000	24
45494	F25T8/XL/SP30	25	36	78 @ 3000K	2080	1970	24,000	30,000	24
45495	F25T8/XL/SP35	25	36	78 @ 3500K	2080	1970	24,000	30,000	24
45496	F25T8/XL/SP41	25	36	78 @ 4100K	2080	1970	24,000	30,000	24
12582	F32T8/XL/SPX30	32	48	86 @ 3000K	2950	2800	24,000	30,000	36
12529	F32T8/XL/SPX35	32	48	86 @ 3500K	2950	2800	24,000	30,000	36
12530	F32T8/XL/SPX41	32	48	86 @ 4100K	2950	2800	24,000	30,000	36
12539	F32T8/XL/SPX50	32	48	86 @ 5000K	2800	2660	24,000	30,000	36
25359	F32T8/XL/SP30	32	48	78 @ 3000K	2850	2710	24,000	30,000	36
25360	F32T8/XL/SP35	32	48	78 @ 3500K	2850	2710	24,000	30,000	36
25363	F32T8/XL/SP41	32	48	78 @ 4100K	2850	2710	24,000	30,000	36

Ecolux® XL T8 with Starcoat™

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	MOL IN.	CRI/COLOR TEMPERATURE	LUMENS		LIFE 3 HRS/ START	LIFE 12 HRS/ START	CASE QTY.
					INITIAL	MEAN†			
27619	F32T8/XL/SPX30/ECO	32	48	86 @ 3000K	2950	2800	24,000	30,000	36
27620	F32T8/XL/SPX35/ECO	32	48	86 @ 3500K	2950	2800	24,000	30,000	36
27621	F32T8/XL/SPX41/ECO	32	48	86 @ 4100K	2950	2800	24,000	30,000	36
27616	F32T8/XL/SP30/ECO	32	48	78 @ 3000K	2850	2710	24,000	30,000	36
27617	F32T8/XL/SP35/ECO	32	48	78 @ 3500K	2850	2710	24,000	30,000	36
27618	F32T8/XL/SP41/ECO	32	48	78 @ 4100K	2850	2710	24,000	30,000	36

F40T12 XL

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	MOL IN.	CRI/COLOR TEMPERATURE	LUMENS		AVERAGE RATED LIFE (HRS)	CASE QTY.
					INITIAL	MEAN		
18331	F40XL/SPX30	40	48	82@3000K	3400	3060	24,000	30
18332	F40XL/SPX35	40	48	82@3500K	3400	3060	24,000	30
18333	F40XL/SPX41	40	48	80@4100K	3400	3060	24,000	30
23471	F40XL/SPX50	40	48	80@5000K	3350	3050	24,000	30
18337	F40XL/SP30	40	48	75@3000K	3300	2970	24,000	30
18338	F40XL/SP35	40	48	75@3500K	3300	2970	24,000	30
18342	F40XL/SP41	40	48	73@4100K	3300	2970	24,000	30

8-Foot T12 Slimline XL

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	MOL IN.	CRI/COLOR TEMPERATURE	LUMENS		AVERAGE RATED LIFE (HRS)	CASE QTY.
					INITIAL	MEAN		
12404	F96T12/XL/SP30/WVM	60	96	75@3000K	5900	5480	15,000	15
12406	F96T12/XL/SP35/WVM	60	96	75@3500K	5900	5480	15,000	15
12408	F96T12/XL/SP41/WVM	60	96	73@4100K	5900	5480	15,000	15
11662	F96T12/XL/SPX30	75	96	82@3000K	6900	6370	15,000	15
11663	F96T12/XL/SPX35	75	96	82@3500K	6900	6370	15,000	15
11664	F96T12/XL/SPX41	75	96	80@4100K	6900	6370	15,000	15
11665	F96T12/XL/SPX50	75	96	80@5000K	6425	5930	15,000	15
11659	F96T12/XL/SP30	75	96	75@3000K	6700	6180	15,000	15
23576	F96T12/XL/SP35	75	96	75@3500K	6700	6180	15,000	15
11661	F96T12/XL/SP41	75	96	73@4100K	6700	6180	15,000	15

HIR Ultra XL™ Long Life PAR38

PRODUCT CODE	DESCRIPTION	VOLTS	LUMENS	AVERAGE RATED LIFE (HRS)	COLOR TEMPERATURE	CBCP	CASE QTY.
40790	45PAR/HIR/FL40°/XL	120	600	6,000	2680	1100	6
40794	55PAR/HIR/SP12°/XL	120	780	6,000	2680	9000	6
40792	55PAR/HIR/FL40°/XL	120	780	6,000	2680	2000	6
40795	90PAR/HIR/SP12°/XL	120	1470	6,000	2800	12000	6
40791	90PAR/HIR/FL40°/XL	120	1470	6,000	2800	2800	6

Lucalox® Standby XL™

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	BASE	LUMENS		AVERAGE RATED LIFE (HRS)	CRI/COLOR TEMPERATURE
				INITIAL	MEAN		
19264	LU70/SBY/LL	70	Mog Screw	6400	5050	40,000	22 @ 2000K
19265	LU100/SBY/LL	100	Mog Screw	9500	8190	40,000	22 @ 2000K
19266	LU150/SBY/LL	150	Mog Screw	16000	14000	40,000	22 @ 2000K
23431	LU200/SBY/LL	200	Mog Screw	21500	18150	40,000	22 @ 2000K
19270	LU250/SBY/LL	250	Mog Screw	27500	24750	40,000	22 @ 2000K
19272	LU400/SBY/LL	400	Mog Screw	50000	45000	40,000	22 @ 2000K

Survivor™ XL

PRODUCT CODE	DESCRIPTION	WATTS	VOLTS	BULB SIZE	FILAMENT DESIGN	BASE SIZE/TYPE	AVERAGE LIFE (HRS)		APPROX. LUMENS RATED @ 120 V	PKG. QTY.
							RATED @ 120V	RATED @ 120 V		
120-volt										
40324	60A/S	60	120	A-19	C-9	Med/Brass	3,000	—	625	— 24
40326	75A/S	75	120	A-19	C-9	Med/Brass	3,000	—	815	— 24
40329	100A/S	100	120	A-19	C-9	Med/Brass	3,000	—	1190	— 24
15817	150A/S	150	120	A-21	C-9	Med/Brass	3,000	—	1925	— 60
130-volt										
40323	40A/S	40	130	A-19	C-9	Med/Brass	3,000	8,500	370	273 24
40325	60A/S	60	130	A-19	C-9	Med/Brass	3,000	8,500	625	462 24
40328	75A/S	75	130	A-19	C-9	Med/Brass	3,000	8,500	815	604 24
40330	100A/S	100	130	A-19	C-9	Med/Brass	3,000	8,500	1190	941 24
15818	150A/S	150	130	A-21	C-9	Med/Brass	3,000	8,500	1925	1443 60

Genura® 23-Watt Reflector

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	LUMENS INITIAL	LUMENS MEAN†	RATED LIFE 3 HRS/START	CRI/COLOR TEMPERATURE	STARTING TEMPERATURE	POWER FACTOR	THD	UPC CODE 0-43168
12273	EL23/R25/30	23	1100	880	15,000	82@3000K	32°F (0°C)	0.55	130%	12273-3

Long Life Reflector XL

PRODUCT CODE	DESCRIPTION	VOLTS	WATTS	MOL IN.	LUMENS	LIFE HOURS	FILAMENT DESIGN	CASE QTY.
26805	65R30/FL/LL	120	65	5 3/8	725	2,500	CC-6	30
26806	65R30/SP/LL	120	65	5 3/8	725	2,500	CC-6	30

ConstantColor® Precise™ MR16

PRODUCT CODE	DESCRIPTION	VOLTS	AVERAGE RATED LIFE (HRS)	COLOR TEMPERATURE	CBCP	CASE QTY.
20814	Q20MR16/C/FL40°- BAB	12	5,000	2900	525	10
20826	Q35MR16/C/SP20°- FRA	12	5,000	3000	3900	10
20825	Q35MR16/C/FL40°- FMW	12	5,000	3000	1000	10
20839	Q50MR16/C/NSP15°- EXT	12	6,000	3050	9100	10
20835	Q50MR16/C/NFL25°- EXZ	12	6,000	3050	3200	10
20834	Q50MR16/C/NFL30°- EXK	12	6,000	3050	2500	10
20833	Q50MR16/C/FL40°- EXN	12	6,000	3050	1700	10
20832	Q50MR16/C/WFL55°- FNV	12	6,000	3050	900	10

ConstantColor® Precise™ Cover Glass MR16

PRODUCT CODE	DESCRIPTION	VOLTS	AVERAGE RATED LIFE (HRS)	COLOR TEMPERATURE	CBCP	CASE QTY.
20857	Q20MR16/C/CG40°- BAB	12	5,000	2900	475	10
20864	Q35MR16/C/CG12°- FRB	12	5,000	3000	7500	10
20860	Q35MR16/C/CG20°- FRA	12	5,000	3000	3200	10
20859	Q35MR16/C/CG40°- FMW	12	5,000	3000	900	10
20872	Q50MR16/C/CG15°- EXT	12	6,000	3050	8400	10
20871	Q50MR16/C/CG25°- EXZ	12	6,000	3050	2900	10
20867	Q50MR16/C/CG40°- EXN	12	6,000	3050	1500	10
20865	Q50MR16/C/CG55°- FNV	12	6,000	3050	850	10

† Mean lumens calculated at 40% of rated life.

All fluorescent data is based on a reference ballast of 60Hz, except life, which is based on a high frequency ballast.