
GE Enhanced Color Lamps
TRANSFORM
YOUR BUSINESS...
WITH THE CHANGE
OF A LIGHT BULB
T8 StarcoatXL
F32T8·XL·SPX30
3000K
32 WATT
EcoluxXL w Starcoat
F32T8·XL·SP35·ECO
3500K
32 WATT
Ecolux w Starcoat
F32T8·SPX35·ECO
3500K
32 WATT

GE ENHANCED

COLOR LIGHTING

CAN TRANSFORM

A FACILITY FROM

THE ORDINARY

INTO THE

EXTRAORDINARY.

WITH THE SIMPLE

CHANGE OF A

LIGHT BULB, YOUR

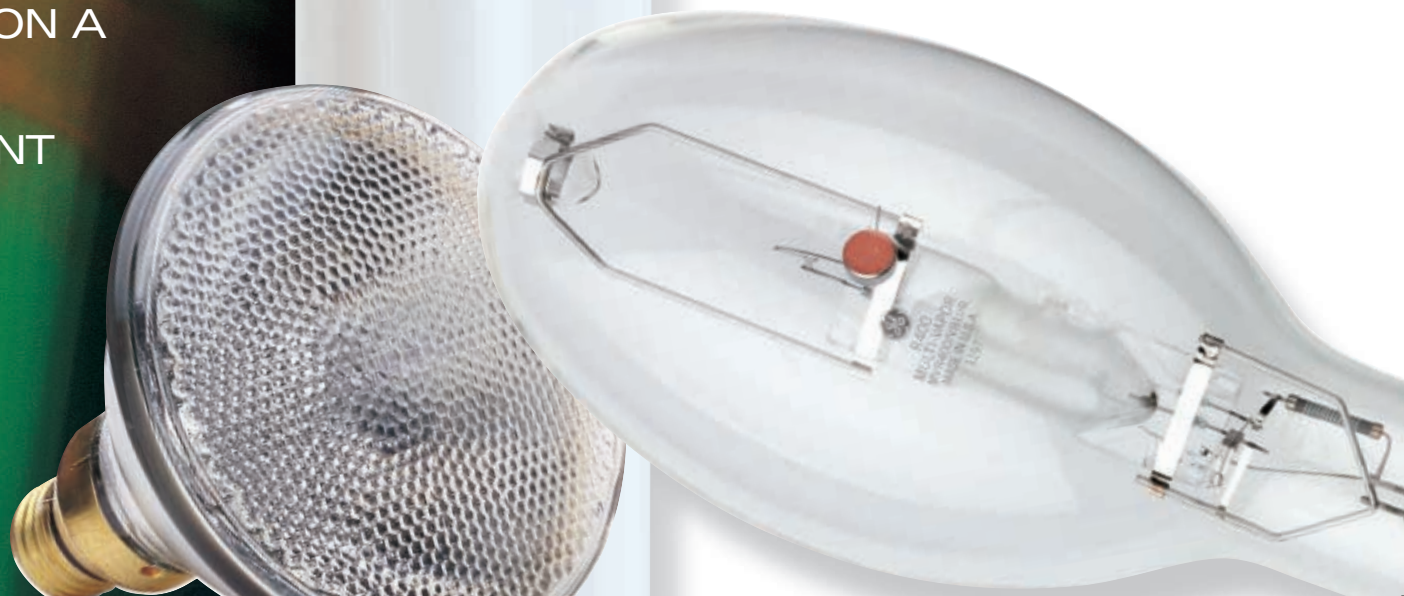
BUSINESS CAN

TAKE ON A

VIBRANT

NEW

LOOK.



GE enhanced color lighting can...

- **Render colors in a natural way.**
- **Highlight and accent objects as never before.**
- **Allow you to choose light sources that enhance colors, giving furnishings, merchandise and even people a rich, vibrant look.**
- **Give your surroundings a "warm" or "cool" tone, or somewhere in between.**
- **Provide a pleasing light that improves visual appeal, enhances productivity and overall satisfaction of the occupants of the space.**
- **Permit more accurate determination of color differences.**

In addition to color enhancement, many of these GE products can also significantly reduce your energy costs and save lamp replacement and labor costs.

Evaluating light source color.

Two common ways of specifying light source color are: color temperature and color rendering index.

Color Temperature indicates the atmosphere created by the light source.

- The higher the color temperature, the "cooler" the color.
- Color temperatures...
  - Of 2000K-3000K create a "warm" atmosphere.
  - Above 4000K are "cool" appearance.
  - Between 3000K and 4000K are considered intermediate and tend to be preferred.

Color Rendering Index (CRI) rates a light source's ability to render colors in a natural and normal way, based on a scale from 0 to 100.

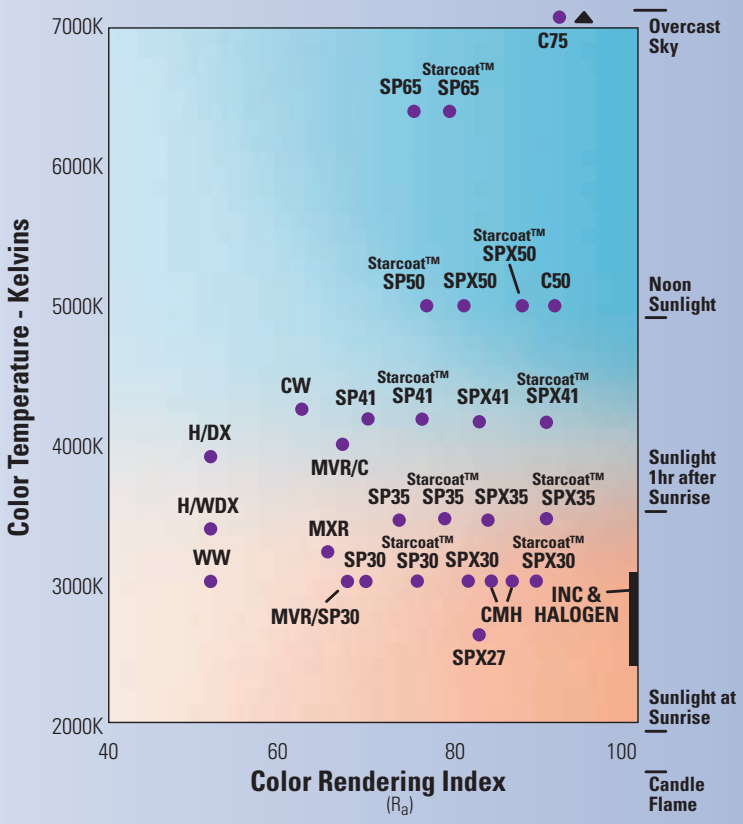
- In general, light sources with high CRI (80-100) will make people and things look better than those with lower CRIs.

Color Rendering and Color Temperature

The chart at right shows both dimensions of light source color—color temperature and color rendering—for the most popular light sources.

Lamp Designations Are:

SP30	Specification Series 3000K Fluorescent
SP35	Specification Series 3500K Fluorescent
SP41	Specification Series 4100K Fluorescent
SP65	Specification Series 6500K Fluorescent
SPX30	Deluxe Specification Series 3000K Fluorescent
SPX35	Deluxe Specification Series 3500K Fluorescent
SPX41	Deluxe Specification Series 4100K Fluorescent
SPX50	Deluxe Specification Series 5000K Fluorescent
CW	Cool White, Fluorescent
WW	Warm White, Fluorescent
C50	Chroma 50, Fluorescent
INC	Incandescent
H/DX	Mercury Deluxe
H/WDX	Mercury Warm Deluxe
MVR	Multi-Vapor®
MVR/SP30	Multi-Vapor®, Phosphor Coated
MXR	Halarc®
LU/DX	Deluxe Lucalox®
CMH	ConstantColor CMH™



Tips for choosing the right color lamp for your application.

There is no "best" light source color for a given application. The "right" color source depends on personal preferences, custom and, to a very large extent, an evaluation of the tradeoffs in efficiency, cost and color rendition.

Typically a color temperature is chosen which will provide the desired atmosphere. Then the light source is selected at that color temperature which has the color rendering—and other performance and physical characteristics—to meet the requirements of the installation.

Incandescent Light Sources
- Have a color temperature of 2700K-2800K.
- Provide a pleasing warm atmosphere, especially for residential and hospitality applications.

Halogen Sources
- Energy efficient.
- Produce a "whiter" light, 100 CRI (same as incandescent).
- Color temperature in the 2800K-3000K range.
- Provide good directional control, making them ideal for accent lighting applications.

Fluorescent Lamps
- Range from warm incandescent-like 2700K, to very cool daylight-like colors up to 7500K.
- Generally, a color rendering index (CRI) of 70+ is recommended as a minimum. For more color critical applications like retail or more upscale commercial areas, a CRI in the 80s is used.
  - Warmer appearing colors like 2700K-3000K may be used where lower light levels or a more residential-like atmosphere is desired—like in restaurants, hotels, executive offices or upscale fashion retail.
  - The most popular color temperature is 3500K, a "neutral" white, which works well across many applications including retail, office, school and industrial.
  - At higher light levels, the cooler 4100K may provide an even more lively and "crisp" environment and is commonly used in industrial, school, retail and office applications.

High Pressure Sodium (Lucalox®) Lamps
- Yellowish light.
- Color temperature of 1900K-2100K, CRI about 22.
- Very efficient with long life.

Metal Halide Lamps
- Crisp, white light.
- Color temperature around 4000K-4500K CRI 65-70.
- Found in "big box" retail, industrial and other commercial applications.

GE ConstantColor CMH™ HID Lamps
- Halogen-like color (3000K), CRI of 85.
- For accent lighting and general lighting in color critical applications, especially in retail.

GE Enrich® Lamps
- Enhance certain colors and heighten color contrasts.
- Used in some retail, hospitality and residential spaces.

Fluorescent Lamps

The new standard in fluorescent light quality features superior color and more light over life.

- Enhanced color...best in the industry.
  - Provides best color rendering in the industry, giving furnishings, decor and merchandise a truer, more natural appearance.
  - Available in SP color (78 CRI), or even better SPX color (86 CRI) for superior color rendering.
- Most light over life (95% lumen maintenance).
- High system efficiency reduces energy costs by 38% vs. T12 Watt-Miser® system.
- Long 20,000 hour lamp life.
- Also available:
  - Ecolux® with Starcoat™—the superior reduced mercury lamp. Passes the EPA Toxicity Characteristic Leaching Procedure (TCLP) test, substantially lowering disposal costs where applicable.*
  - Starcoat XL™ and Ecolux® XL— last up to 25% longer than standard T8's, providing an extra year of quality lighting.

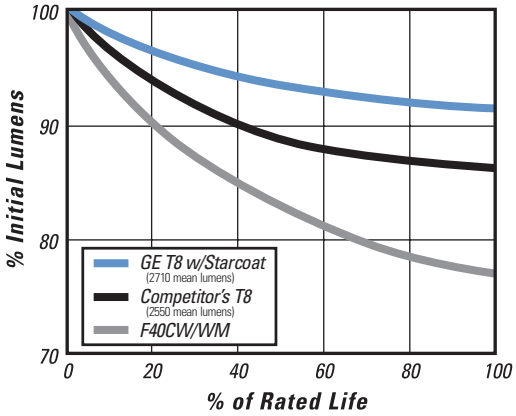
Los Angeles
County Offices
GE T8 Starcoat™ XL Lamps

Hartsfield Atlanta Airport
GE T8 Fluorescent Lamps

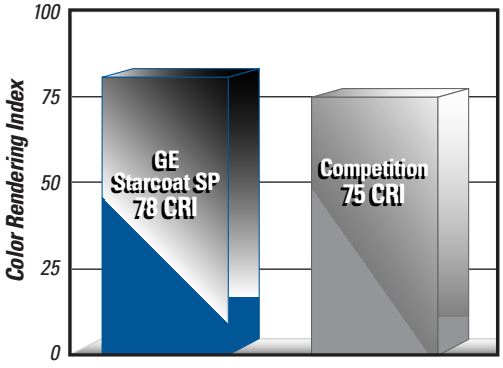
Nordonia School System, Ohio
GE T8 Lamps with Starcoat™

*State regulations vary. Consult your state EPA.

Lumen Maintenance



Color Rendering Index



SP and SPX Lamps

Superior color makes all the difference. GE SP and SPX color-enhancing fluorescent lamps contain rare-earth phosphors that render colors so true and natural, you won't believe they're fluorescent! Furnishings, decor and merchandise take on a new attractiveness and appeal.

Cool White

Standard Color

SP35

Good Color

SPX35

Superior Color

- SP lamps are a moderately priced, good color rendering lamp.
- SPX lamps are a premium, superior color rendering lamp. Excellent for use in applications where richer, more natural color is important.
- Watt-Miser® SP and SPX lamps deliver both improved color and energy cost savings.

Liz Claiborne Showroom, New York
GE T8 SPX Lamps with Starcoat™

Halogen Lamps

All GE Halogen light sources feature a crisp, white light that provides dramatic accents and highlights, and a CRI (Color Rendering Index) of 100, rendering colors true and natural.

HIR™ PAR

The most efficient halogen lamp made.

- 35% energy cost savings vs. standard halogen PAR lamps.
- 50% longer life (3,000 hours) than standard PAR halogen lamps.
- Choice of wattages: 50-, 60-, 80- and 100-watt...to meet your application needs.

HIR Ultra XL™ PAR

Longest life Halogen PAR lamp made.

- Ultra long life—6,000 hours—three times longer than standard halogen PAR, meaning fewer lamp replacements and lower maintenance costs.
- 15% more energy efficient.
- Available in 45-, 55- and 90-watt spot and flood.

Jamba Juice, California
GE HIR™ PAR and ConstantColor® Precise™ MR16 Lamps

Chimayo Grill, California
GE ConstantColor® Precise™ MR16, HIR™ PAR Lamps

ConstantColor® Precise™ MR16

GE's exclusive reflector coating provides consistent high quality light, lamp-to-lamp, throughout long life.

- Maintains consistent, white light over life of lamp.
- No color shift.
- Provides color uniformity lamp-to-lamp.
- Long life—up to 6,000 hours (50-watt).
- Smooth or sharp beam—excellent for accent lighting.
- UV control.
- Bulb and reflector protected from dust and dirt in Cover Glass version.

Halogen A-Line

Offers a whiter, crisper light and brighter colors, plus long life and electricity cost savings.

- Whiter light, excellent color accents and enhances surroundings.
- Longer life—three times longer than standard light bulbs.
- Reduced wattage—10% energy cost savings vs. standard soft white bulbs.

Compact Fluorescent Lamps with Starcoat® Technology

Starcoat advantages—excellent color (82 CRI) and more light over life.

Genura®

28-watt Genura® lamp provides more light than 65-watt R30 lamps. Excellent color rendering and longest life of any compact fluorescent.

- Lasts 15,000 hours—longest life of any compact fluorescent lamp.
- 65% energy cost savings, plus more light than a 65-watt reflector lamp.
- Compact size—smaller than R30 lamps.
- Excellent color rendering (82 CRI).
- Choice of color temperatures — 2700K or 3000K.

Sagamore Hotel, New York
GE Genura® Lamps

Electronic and Slimshell Biax®

Compact size delivers up to 75% energy cost savings. Fits traditional A-Line sockets.

- Lasts 10 to 13 times longer than incandescent bulbs.
- Excellent color (82 CRI).
- 28-watt Performance Biax® provides light output of 100-watt bulb.
- Available in 15-, 20-, 24-, and 28-watt.
- Flicker-free.
- Economical lamp/adapter version available. Adapter lasts 4 bulb lives.

Hugh and Hazel Darling Law Library, UCLA School of Law
GE Slimshell Biax® Lamps

Incandescent Lamps

All GE incandescent bulbs, though relatively inefficient compared to other types, provide a very pleasing warm color rich in red and have a CRI of 100. Watt-Miser® types offer increased efficiency with no loss in color quality.

Enrich® Lamps

Uses a glass made with neodymium that looks bluish in color when unlit, but creates a white light when lit.

- Heightens color contrast and makes colors appear more vibrant—enhancing reds, blues, whites and even wood grains.
- Furnishings and decor appear more vivid and eye-catching.
- Ideal for accent lighting, general lighting and table lamps.
- Available in 60- and 100-watt A-Line, 40-watt globe, 50- and 65-watt floodlights, 50/100/150 3-Way.

Metal Halide Lamps

ConstantColor CMH™

Color quality like halogen...long life like fluorescent...efficiency and light output of HID.

- Uniform lamp-to-lamp color.
  - Minimal lamp-to-lamp color variation means ceilings look bright and clean. ConstantColor CMH™ provides a consistent "white light," critical for interior applications.
- Consistent color over life.
  - GE ConstantColor CMH™ lamps provide stable color over life. So walls, ceilings, displays and furnishings look their natural best always.
- Excellent color rendering, as good as deluxe triphosphor fluorescent lamps.
- Long 10,000 to 12,000 hour life, three to five times longer than incandescent.
- Outstanding operating efficiencies, three times more efficient than halogen lamps.
- Available in a variety of wattages, shapes and sizes.

Albertson's, Texas
GE ConstantColor CMH™ Lamps

ChromaFit™ Multi-Vapor®

Converts HPS to crisp, white metal halide light.

- Crisp white light—takes the yellow out for better appearance, visibility.
- Easy replacement—just take out HPS, put in ChromaFit.™ Same ballast and fixtures as HPS.
- High color rendering makes surroundings look more natural (65 CRI vs. 22 for HPS).

Cleveland Track, Ohio
GE ChromaFit™
Multi-Vapor® Lamps

SP30 Multi-Vapor®

Warm, rich color, high efficiency and long life in one versatile source.

- Warm color blends exceptionally well with SP30 and SP35 fluorescents, incandescent and halogen bulbs.
- Direct replacement of existing metal halide lamps.
- Available in 175-, 250- and 400-watt versions.

High Pressure Sodium Lamps

Deluxe Lucalox®

Better color than standard HPS.

- Enhanced color rendering (65-70 CRI vs. 22 for HPS), warm golden color.
- Blends well with incandescent or standard HPS sources.

Palace of Fine Arts, San Francisco
GE Deluxe Lucalox® Lamps

Performance Data

Starcoat™/Ecolux® Fluorescent Lamps[1]

■ BEST COLOR ■ EXTRA LIFE[2]

PRODUCT CODE	DESCRIPTION	NOMINAL WATTS	MOL IN.	CRI/COLOR TEMPERATURE	LUMENS INITIAL	LUMENS MEAN[3]	LIFE 3HRS/START	LIFE 12HRS/START
Starcoat™ T8 Lamps								
22655	F32T8/SPX30	32	48	86 @ 3000K	2950	2800	20,000	24,000
22656	F32T8/SPX35	32	48	86 @ 3500K	2950	2800	20,000	24,000
22657	F32T8/SPX41	32	48	86 @ 4100K	2950	2800	20,000	24,000
23460	F32T8/SPX50	32	48	86 @ 5000K	2800	2660	20,000	24,000
15946	F32T8/SP30	32	48	78 @ 3000K	2850	2710	20,000	24,000
15947	F32T8/SP35	32	48	78 @ 3500K	2850	2710	20,000	24,000
15949	F32T8/SP41	32	48	78 @ 4100K	2850	2710	20,000	24,000
14613	F32T8/SP50	32	48	78 @ 5000K	2750	2610	20,000	24,000
12132	F32T8/SP65	32	48	78 @ 6500K	2700	2565	20,000	24,000
Starcoat™ XL T8 Lamps								
12582	F32T8/XL/SPX30	32	48	86 @ 3000K	2950	2800	**24,000**	**30,000**
12529	F32T8/XL/SPX35	32	48	86 @ 3500K	2950	2800	**24,000**	**30,000**
12530	F32T8/XL/SPX41	32	48	86 @ 4100K	2950	2800	**24,000**	**30,000**
12539	F32T8/XL/SPX50	32	48	86 @ 5000K	2850	2660	**24,000**	**30,000**
25359	F32T8/XL/SP30	32	48	78 @ 3000K	2850	2710	**24,000**	**30,000**
25360	F32T8/XL/SP35	32	48	78 @ 3500K	2850	2710	**24,000**	**30,000**
25363	F32T8/XL/SP41	32	48	78 @ 4100K	2850	2710	**24,000**	**30,000**
Ecolux® T8 Lamps with Starcoat™								
25611	F32T8/SPX30/ECO	32	48	86 @ 3000K	2950	2800	20,000	24,000
25612	F32T8/SPX35/ECO	32	48	86 @ 3500K	2950	2800	20,000	24,000
25613	F32T8/SPX41/ECO	32	48	86 @ 4100K	2950	2800	20,000	24,000
26666	F32T8/SP30/ECO	32	48	78 @ 3000K	2850	2710	20,000	24,000
26667	F32T8/SP35/ECO	32	48	78 @ 3500K	2850	2710	20,000	24,000
26668	F32T8/SP41/ECO	32	48	78 @ 4100K	2850	2710	20,000	24,000
Ecolux® XL T8 Lamps with Starcoat™								
27619	F32T8/XL/SPX30/ECO	32	48	86 @ 3000K	2950	2800	**24,000**	**30,000**
27620	F32T8/XL/SPX35/ECO	32	48	86 @ 3500K	2950	2800	**24,000**	**30,000**
27621	F32T8/XL/SPX41/ECO	32	48	86 @ 4100K	2950	2800	**24,000**	**30,000**
27616	F32T8/XL/SP30/ECO	32	48	78 @ 3000K	2850	2710	**24,000**	**30,000**
27617	F32T8/XL/SP35/ECO	32	48	78 @ 3500K	2850	2710	**24,000**	**30,000**
27618	F32T8/XL/SP41/ECO	32	48	78 @ 4100K	2850	2710	**24,000**	**30,000**

Halogen Lamps

PRODUCT CODE	DESCRIPTION	VOLTS	LUMENS	AVERAGE RATED LIFE	CRI/COLOR TEMPERATURE	CBCP
HIR™ PAR38 Lamps						
12396	50PAR/HIR/SP10°	120	850	3000	100 @ 2810K	14000
46168	50PAR/HIR/S/SP10°	120	850	4000	100 @ 2810K	14000
46167	50PAR/HIR/S/FL25°	120	850	4000	100 @ 2810K	3000
22843	50PAR/HIR/SP10°	130	850	3000	100 @ 2810K	14000
12397	50PAR/HIR/FL25°	120	850	3000	100 @ 2810K	3000
22850	50PAR/HIR/FL25°	130	850	3000	100 @ 2810K	3000
46165	60PAR/HIR/S/SP10°	120	1110	4000	100 @ 2875K	20000
46166	60PAR/HIR/S/FL30°	120	1110	4000	100 @ 2875K	3600
18627	60PAR/HIR/SP10°	120	1110	3000	100 @ 2875K	20000
18629	60PAR/HIR/SP10°	130	1110	3000	100 @ 2875K	20000
23227	60PAR/HIR/SP12°	120	1110	3000	100 @ 2875K	12000
18626	60PAR/HIR/FL30°	120	1110	3000	100 @ 2875K	3600
18628	60PAR/HIR/FL30°	130	1110	3000	100 @ 2875K	3600
10467	60PAR/HIR/FL40°	120	1110	3000	100 @ 2875K	2000
20947	60PAR/HIR/WFL	120	1110	3000	100 @ 2875K	—
20948	60PAR/HIR/WFL	130	1110	3000	100 @ 2875K	—
46367	70PAR/HIR/SP10°	120	1260	3000	100 @ 2875K	16000
46368	70PAR/HIR/FL25°	120	1260	3000	100 @ 2875K	4100
46369	70PAR/HIR/SP10°	130	1260	3000	100 @ 2875K	16000
46370	70PAR/HIR/FL25°	130	1260	3000	100 @ 2875K	4100
27216	80PAR/HIR/SP10°	120	1500	3000	100 @ 2900K	25000
27217	80PAR/HIR/SP12°	120	1500	3000	100 @ 2900K	19000
27218	80PAR/HIR/FL25°	120	1500	3000	100 @ 2900K	5500
18635	100PAR/HIR/SP10°	120	2070	3000	100 @ 2900K	29000
18636	100PAR/HIR/SP10°	130	2070	3000	100 @ 2900K	29000
18631	100PAR/HIR/FL25°	120	2070	3000	100 @ 2900K	6300
18633	100PAR/HIR/FL25°	130	2070	3000	100 @ 2900K	6300
10473	100PAR/HIR/FL40°	120	2070	3000	100 @ 2900K	3400
HIR XL™ Ultra Long Life PAR38 Lamps						
40793	45PAR/HIR/SP12°/XL	120	600	6000	100 @ 2680K	4000
40790	45PAR/HIR/FL40°/XL	120	600	6000	100 @ 2680K	1100
40794	55PAR/HIR/SP12°/XL	120	780	6000	100 @ 2680K	9000
40792	55PAR/HIR/FL40°/XL	120	780	6000	100 @ 2680K	2000
40795	90PAR/HIR/SP12°/XL	120	1470	6000	100 @ 2800K	12000
40791	90PAR/HIR/FL40°/XL	120	1470	6000	100 @ 2800K	2800
Quartzline PAR38 Lamps						
23719	Q250PAR/SP10°	120	3600	4200	100 @ 2880K	40000
23718	Q250PAR/FL30°	120	3600	4200	100 @ 2880K	9000

[1] All data is based on a reference ballast of 60Hz, except life, which is based on a high frequency electronic ballast.
[2] 20% extra life at 3 hours/start, 25% extra life at 12 hours/start.
[3] Mean lumens calculated at 40% of rated life.

Performance Data

Halogen Lamps *(continued)*

PRODUCT CODE	DESCRIPTION	VOLTS	AVERAGE RATED LIFE	CRI/COLOR TEMPERATURE	CBCP
ConstantColor® Precise™ MR16 Lamps					
20816	Q20MR16/C/VNSP7°– EZX	12	3000	100 @ 2900K	7400
20815	Q20MR16/C/NSP15°– ESX	12	5000	100 @ 2900K	3750
20814	Q20MR16/C/FL40°– BAB	12	5000	100 @ 2900K	525
20826	Q35MR16/C/SP20°– FRA	12	5000	100 @ 3000K	3900
20825	Q35MR16/C/FL40°– FMW	12	5000	100 @ 3000K	1000
20830	Q42MR16/C/VNSP9°– EZY	12	3500	100 @ 3000K	12300
20839	Q50MR16/C/NSP15°– EXT	12	6000	100 @ 3050K	9100
20835	Q50MR16/C/NFL25°– EXZ	12	6000	100 @ 3050K	3200
20834	Q50MR16/C/NFL30°– EXK	12	6000	100 @ 3050K	2500
20833	Q50MR16/C/FL40°– EXN	12	6000	100 @ 3050K	1700
20832	Q50MR16/C/WFL55°– FNV	12	6000	100 @ 3050K	900
20843	Q71MR16/C/NSP15°– EYF	12	4000	100 @ 3050K	11500
20841	Q71MR16/C/NFL25°– EYJ	12	4000	100 @ 3050K	5500
20840	Q71MR16/C/FL40°– EYC	12	4000	100 @ 3050K	2200
ConstantColor® Precise™ Cover Glass MR16 Lamps					
20858	Q20MR16/C/CG15°– ESX	12	5000	100 @ 2900K	3150
20857	Q20MR16/C/CG40°– BAB	12	5000	100 @ 2900K	475
20864	Q35MR16/C/CG12°– FRB	12	5000	100 @ 3000K	7500
20860	Q35MR16/C/CG20°– FRA	12	5000	100 @ 3000K	3200
20859	Q35MR16/C/CG40°– FMW	12	5000	100 @ 3000K	900
20872	Q50MR16/C/CG15°– EXT	12	6000	100 @ 3050K	8400
20871	Q50MR16/C/CG25°– EXZ	12	6000	100 @ 3050K	2900
20867	Q50MR16/C/CG40°– EXN	12	6000	100 @ 3050K	1500
20865	Q50MR16/C/CG55°– FNV	12	6000	100 @ 3050K	850
20876	Q71MR16/C/CG15°– EYF	12	4000	100 @ 3050K	10800
20874	Q71MR16/C/CG25°– EYJ	12	4000	100 @ 3050K	4550
20873	Q71MR16/C/CG40°– EYC	12	4000	100 @ 3050K	2000

Compact Fluorescent Lamps with Starcoat™

PRODUCT CODE	DESCRIPTION	LAMP TYPE	NOMINAL WATTS	CRI/COLOR TEMPERATURE	LUMENS	AVERAGE RATED LIFE
42085	FLE15TBX/LT	Instant Start Triple Tube	15	82 @ 2700	900	6000
12544	FLE15TBX/L	Slimshell Triple Tube	15	82 @ 2700	900	12000
41455	FLE15/A2/A23	A-Line Shape	15	82 @ 2700	825	6000
41325	FLE15/6/T19	Bullet Shape	15	82 @ 2700	800	6000
80506	FLG15/E	Globe Shape	15	82 @ 2700	765	6000
12501	FLE15TBX/L/G29	Globe Shape	15	82 @ 2700	750	12000
41464	FLE15/L/TC16	Post Light	15	82 @ 2700	850	12000
46002	FLE15/L/TC16/BUG	Post Light Buglight Color	15	82 @ 2700	840	12000
46003	FLE15/L/TC16/DAY	Post Light Daylight Color	15	82 @ 6500	850	12000
13105	FLE15TBX/L/R30	Reflector R30	15	82 @ 2700	515	12000
42086	FLE18TBX/LT	Instant Start Triple Tube	18	82 @ 2700	1100	6000
12545	FLE20TBX/L	Slimshell Triple Tube	20	82 @ 2700	1200	12000
41456	FLE20/A2/A24	A-Line Shape	20	82 @ 2700	1125	6000
41326	FLE20/6/T19	Bullet Shape	20	82 @ 2700	1075	6000
40332	FLE20TBX/L/R40	Reflector R40	20	82 @ 2700	785	12000
25418	EL23/R25/SW	Reflector R25	23	82 @ 2700	1100	15000
12273	EL23/R25/WW	Reflector R25	23	82 @ 3000	1100	15000
46269	FLE24TBX/A	Shorter Design Triple Tube	24	82 @ 2700	1520	12000
46270	FLE28QBX/A	Shorter Design Quad Tube	28	82 @ 2700	1750	12000
41327	FLE29QBX/D3	3-Way Quad Tube	12/29/18	82 @ 2700	480/1750/1000	10000
41457	FLE29QBX/DV	Dimmable Quad Tube	29	82 @ 2700	1750	10000
27251	FEA30CIR	Circlite Lamp + Adapter	30	82 @ 2700	1900	10000
25807	FEA382D/SW	2D Lamp + Adapter	39	82 @ 2700	2780	10000
25808	FEA382D/835	2D Lamp + Adapter	39	82 @ 3500	2780	10000

Incandescent Lamps

PRODUCT CODE	DESCRIPTION	LAMP TYPE	VOLTS	NOMINAL WATTS	INITIAL LUMENS	AVERAGE RATED LIFE
Enrich® Lamps						
20768	60A/NEO 24PK	A-LINE	120	60	630	1000
20773	100A/NEO 24PK	A-LINE	120	100	1277	750
20810	50/150/NEO 12PK	3-WAY	120	50/100/150	435/1665	1200
20821	50R20/NEO 6PK	R	120	50	324	2000
20822	65R30/NEO 6PK	R	120	65	550	2710
20823	40G25/NEO 6PK	GLOBE	120	40	340	2710

Performance Data *(continued)*
Metal Halide Lamps

PRODUCT CODE	DESCRIPTION	WATTS	MOL IN.	CRI/COLOR TEMPERATURE	INITIAL LUMENS	MEAN LUMENS	AVG. RATED LIFE (HRS)	ANSI BALLAST TYPE	FIX. REQ.
ConstantColor CMH™ PAR									
42069[4]	CMH39/PAR20/830/SP12	39	3 3/4	>80 @ 3000K	2000	N/A	10,000	M130	O
42068[4]	CMH39/PAR20/830/FL30	39	3 3/4	>80 @ 3000K	2000	N/A	10,000	M130	O
45066	CMH39/PAR30L/830/SP10	39	4 3/4	>80 @ 3000K	2400	N/A	10,000	M130	O
42066	CMH39/PAR30L/830/SP15	39	4 3/4	>80 @ 3000K	2400	N/A	10,000	M130	O
42067	CMH39/PAR30L/830/FL25	39	4 3/4	>80 @ 3000K	2400	N/A	10,000	M130	O
22152	CMH70/PAR30L/830/SP15	70	4 3/4	>80 @ 3000K	4700	N/A	10,000	M98 or M139	O
22159	CMH70/PAR30L/830/FL40	70	4 3/4	>80 @ 3000K	4700	N/A	10,000	M98 or M139	O
45675[4]	CMH70/PAR38/830/SP15	70	5 7/16	>80 @ 3000K	4800	N/A	10,000	M98 or M139	O
45677[4]	CMH70/PAR38/830/FL25	70	5 7/16	>80 @ 3000K	4800	N/A	10,000	M98 or M139	O
45679[4]	CMH70/PAR38/830/WFL	70	5 7/16	>80 @ 3000K	4800	N/A	10,000	M98 or M139	O
45680[4]	CMH100/PAR38/830/SP15	100	5 7/16	>80 @ 3000K	6000	N/A	10,000	M90 or M140	O
45681[4]	CMH100/PAR38/830/FL25	100	5 7/16	>80 @ 3000K	6000	N/A	10,000	M90 or M140	O
45682[4]	CMH100/PAR38/830/WFL	100	5 7/16	>80 @ 3000K	6000	N/A	10,000	M90 or M140	O
ConstantColor CMH™ Elliptical									
22119[4]	CMH70/U/830/MED	70	5 7/16	>80 @ 3000K	6300	4500	10,000	M98 or M139	E
22124[4]	CMH70/C/U/830/MED	70	5 7/16	>80 @ 3000K	6000	4300	10,000	M98 or M139	E
22127[4]	CMH100/U/830/MED	100	5 7/16	>80 @ 3000K	9200	6600	10,000	M90 or M140	E
22137[4]	CMH100/C/U/830/MED	100	5 7/16	>80 @ 3000K	8700	6300	10,000	M90 or M140	E
41618[4]	CMH70/U/830/MED/O	70	5 7/16	>80 @ 3000K	5800	4700	10,000	M98 or M139	O
45673[4]	CMH70/C/U/830/MED/O	70	5 7/16	>80 @ 3000K	5600	4500	10,000	M98 or M139	O
41619[4]	CMH100/U/830/MED/O	100	5 7/16	>80 @ 3000K	8550	6600	10,000	M90 or M140	O
22137[4]	CMH100/C/U/830/MED/O	100	5 7/16	>80 @ 3000K	8200	6400	10,000	M90 or M140	O
ConstantColor CMH™ Single-Ended G12									
42070	CMH39/T/U/830/G12	39	3 15/16	>80 @ 3000K	3400	2400	10,000	M130	E
36844	CMH70/T/U/830/G12	70	3 15/16	>80 @ 3000K	6200	5000	10,000	M85, M98 or M139	E
38701	CMH70/T/U/942/G12	70	3 15/16	>90 @ 4200K	6400	5200	10,000	M85, M98 or M139	E
36863	CMH150/T/U/830/G12	150	4 5/8	>80 @ 3000K	14000	11000	10,000	M81, M102 or M142	E
38694	CMH150/T/U/942/G12	150	4 5/8	>90 @ 4200K	14000	11000	10,000	M81, M102 or M142	E
ConstantColor CMH™ Double-Ended TD									
36910	CMH70/TD/830/Rx7s	70	4 5/8	>80 @ 3000K	7000	5600	12,000	M85, M98 or M139	E
38698	CMH70/TD/942/Rx7s	70	4 5/8	>90 @ 4200K	7000	5600	12,000	M85, M98 or M139	E
36912	CMH150/TD/830/Rx7s	150	5 3/8	>80 @ 3000K	14000	11500	12,000	M81, M102 or M142	E
38692	CMH150/TD/942/Rx7s	150	5 3/8	>90 @ 4200K	14000	11500	12,000	M81, M102 or M142	E
ChromaFit™ Metal Halide Products *(HPS Retrofit Lamps–Operates on HPS Ballast)*									
12762	MVR250/VBU/HO/R	250	8 1/4	65 @ 4500K	18500	13900	10,000	S50	E
12769	MVR250/C/VBU/HO/R	250	8 1/4	70 @ 4000K	18000	13000	10,000	S50	E
26851	MVR400/U/ED28/R	400	8 3/16	65 @ 4000K	36000V/33100H	22000V/20200H	20,000V/15,000H	S51	E
12770	MVR400/VBU/HO/R	400	11 1/2	65 @ 4500K	37600	22600	20,000	S51	O
12772	MVR400/C/VBU/HO/R	400	11 1/2	70 @ 4000K	35700	21400	20,000	S51	O

High Pressure Sodium Lamps

PRODUCT CODE	DESCRIPTION	WATTS	MOL IN.	CRI/COLOR TEMPERATURE	INITIAL LUMENS	MEAN LUMENS	AVG. RATED LIFE (HRS)	ANSI BALLAST TYPE	FIX. REQ.
Deluxe Lucalox®									
18094	LU150/DX/MED	150	5 3/4	65 @ 2200K	10500	9135	15,000	S54	O
18092	LU150/55/DX	150	7 3/4	65 @ 2200K	10500	9135	15,000	S55	O
11785	LU250/DX	250	9 13/16	65 @ 2200K	22500	20700	15,000	S50	O
19650	LU400/DX	400	9	70 @ 2200K	37400	34400	15,000	S51	O

[4]Preliminary Engineering Ratings. For additional information contact your local GE Lighting representative. Fixture Requirements: O = Open Ended, E = Enclosed.

All CMH lamps are UV Control. UV Control is a new quartz material that effectively cuts UVB and UVC radiation.

CAUTION: Always turn power OFF before relamping fixtures. **NOTE:** PAR20, PAR38 and Open-Rated Elliptical lamps available mid-2000.

EPA Green Lights an Energy Star program Ally

Ally of the Year 2000

The U. S. Environmental Protection Agency has named GE Lighting as its Green Lights Ally of the Year. This award honors GE's commitment to delivering energy efficient lighting solutions that light the way for your profitable business growth.

GE Lighting

For the most comprehensive, up-to-date, product information, visit the GE Lighting Web site at
www.GELighting.com

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