

SATCO|NUVO

LAMP SPECIFICATION GUIDE

SEPT. 2019

satco.com

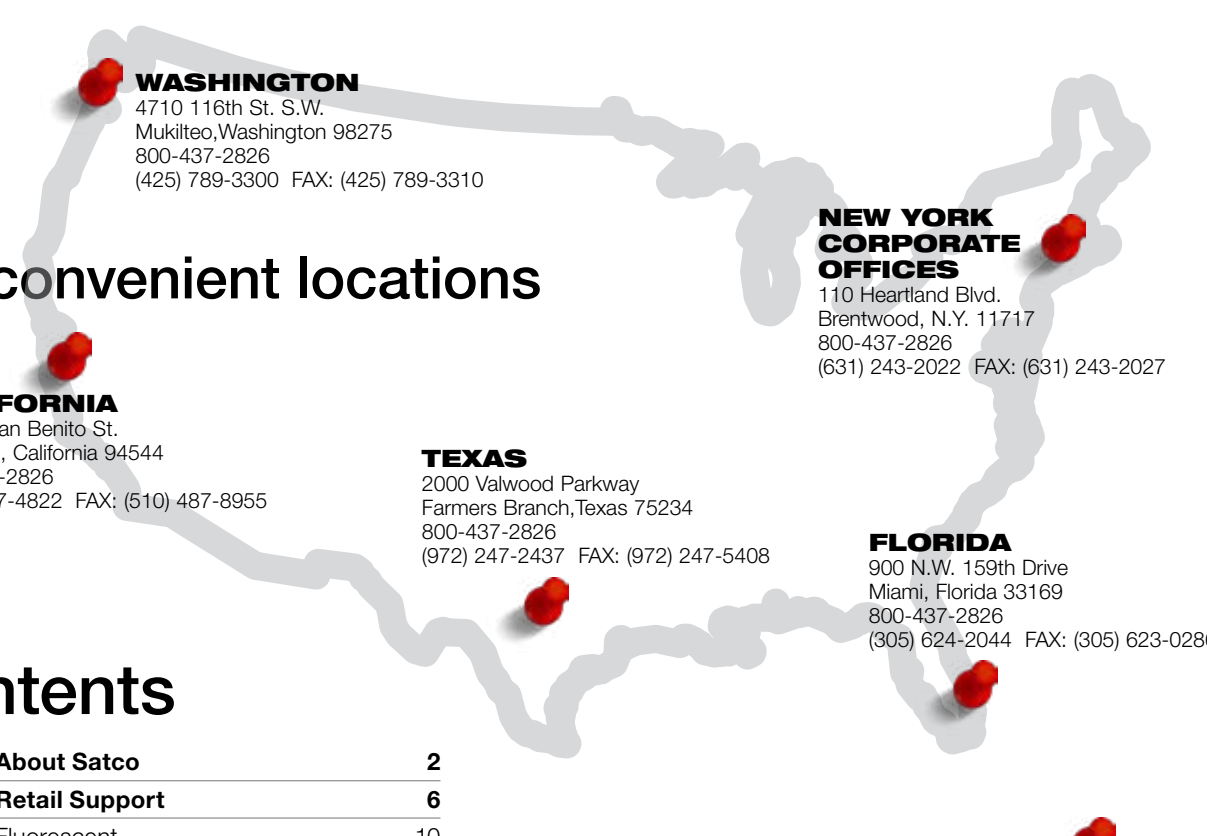


We are pleased to present the latest edition of our Lamp Specification Guide. Many new lamps and accessories have been added, and each section is tabbed and arranged to make finding the right product easy.

Brilliance

Satco is committed to providing unsurpassed quality, service and product assortment. Many of our product categories are supported by merchandising systems, displays and a selection of attention-getting point of purchase materials. These efforts, along with our strategic locations, make Satco the preferred choice in light sources and electrical related products.

Six convenient locations



WASHINGTON

4710 116th St. S.W.
Mukilteo, Washington 98275
800-437-2826
(425) 789-3300 FAX: (425) 789-3310

NEW YORK CORPORATE OFFICES

110 Heartland Blvd.
Brentwood, N.Y. 11717
800-437-2826
(631) 243-2022 FAX: (631) 243-2027

CALIFORNIA

31288 San Benito St.
Hayward, California 94544
800-437-2826
(510) 487-4822 FAX: (510) 487-8955

TEXAS

2000 Valwood Parkway
Farmers Branch, Texas 75234
800-437-2826
(972) 247-2437 FAX: (972) 247-5408

FLORIDA

900 N.W. 159th Drive
Miami, Florida 33169
800-437-2826
(305) 624-2044 FAX: (305) 623-0286

PUERTO RICO

Bldg 3, Compeche St. 22
Julio N. Matos Industrial Park
Carolina, PR 00984
800-437-2826
(787) 757-3510 Fax: (787) 757-3540

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At Satco, our business isn't about us. It's about you and your business.

Satco and our Nuvo® and Hygrade™ brands have grown to be industry leaders by offering you the widest selection of lamps, fixtures and lighting components.

The most innovative technology.

The highest standards of quality and efficiency. And a reputation for service earned one customer at a time for almost 50 years.

Satco. Setting the standards.

With a vast catalog of products built to the highest quality standards, massive inventories, a highly automated nationwide distribution network, and a growing investment in research and development, few lighting manufacturers can match Satco's depth of industry experience.

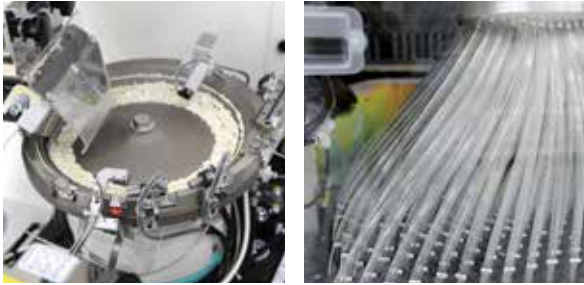
The widest selection.

Satco keeps homes across North America lit through the thousands of retail outlets we supply with replacements lamps and consumer lighting accessories.

The residential and commercial building trades rely on Satco's comprehensive line of fixtures, track and outdoor lighting and lamps, which are widely available through electrical distributors across the country.

Lighting fixture manufacturers turn to Satco Logistics for on-time shipping of thousands of component parts in orders of any size, including lamps, ballasts, sockets, switches, cords, canopies and glassware of every description.





The most innovative technology.

Over the years, Satco's robust R&D programs have moved lighting technology forward with patented innovations that have been widely adopted throughout the industry that includes breaking new ground in the design and manufacture of high-efficiency LED lamps.



The highest quality and efficiency.

Every Satco product is designed, manufactured and tested to meet or exceed the highest industry standards for quality and performance. And we offer hundreds of products that have earned ENERGY STAR® certification. In fact, we were selected ENERGY STAR® Partner of the Year in 2009.

Over a million square feet of warehouse space.

The Satco brand has stood for quality, innovation and value in lighting products since 1966. From a 3,000 square foot warehouse in Elmont, NY, to more than 1.2 million square feet of U.S. Distribution space today. To be certain you'll have the parts you need where you need them, Satco maintains enormous amounts of inventories at our major distribution and sales centers in New York, Miami, Dallas, San Francisco, Seattle and San Juan, Puerto Rico, and at Satco Express stocking locations in Canton MA, Cincinnati OH, Charlotte NC, Chicago IL, Cleveland OH, La Mirada CA, Laverne TN, Ridgeland MS and Syracuse NY.



Satco. An innovative family of brands.

LED lamps that only experience can deliver.

With one of the industry's largest R&D programs behind it, Satco is producing replacement lamps in every technology that meet all of the newest efficiency standards – and exceed user expectations for light output, color temperature, beam pattern, diffusion, and overall reliability.



Hygrade. The leader in commercial lighting.

Hygrade has been a trusted name in commercial and industrial lighting for more than a century. From fluorescent and compact fluorescent lamps to high intensity discharge bulbs of every description, Hygrade offers a variety of cost effective, energy efficient products for virtually any commercial application.



Nuvo. Inspired designs. Enlightened engineering.

Nuvo Lighting was launched in 2005 with more than 1,500 new lighting fixtures – one of the largest catalogs of any manufacturer – and our product line has continued to grow every year since. Today offering more than 3,000 chandeliers, pendants and sconces in designs that range from classic to contemporary, from elegant to understated and from simple to stylish.



As an ongoing effort on behalf of Satco Products, Inc. to remain dedicated to the improvement of our products, we reserve the right to change specifications. The information contained in this specification guide is subject to change without notice. We cannot be responsible for typographical errors.



Energy Efficient Lamps and Fixtures Counter Card
Item # SA1458



Energy Efficient Lamps Counter Card
Item # SA1207



Paint Department Counter Card
Item # SA1456

Counter cards

Place these informative cards in other busy departments to remind customers about their lighting needs.

At Satco we don't just bring great products and great value to market. We help our products sell! We offer powerful in-store selling tools to help make the lighting center a focal point and profit center.

Educate customers and increase sales!

Satco hanging signs and gondola headers clearly call-out the lighting center while shelf strips and aisle flags indicate lamp technologies to help customers find exactly what they're looking for. And the shelf strips correspond to the attractive, informative Satco packaging! Our educational gondola headers educate consumers about all the current lighting technologies, the energy efficiency of each and what energy savings they can expect from each.

Counter cards, hanging signs, shelf-talkers and gondola aisle flags all help customers find the exact replacement lamp they need.

Let Satco help you increase your lighting sales dramatically! For information and how to order, please contact your Satco sales representative.

Logo banners

Measuring 5' x 2', Satco logo banners can be strategically placed, indoors or out, to direct customers to the lighting aisle or simply make customers aware you carry Satco lighting products.



Satco Brand Logo Banner
Item # SA1296

HID	HID	HID	SA1265/1
LED	LED	LED	SA1265/2
CFL	CFL	CFL	SA1265/3
HALOGEN	HALOGEN	HALOGEN	SA1265/4
INCANDESCENT	INCANDESCENT	INCANDESCENT	SA1265/5

Lighting Technology Gondola Shelf Strips

(Can be ordered separately)
Each strip measures 12" long
Item # SA1265

Packaging

Satco retail packaging is informative and attractive, creating an easy to navigate presentation for your customers. Coupled with consistent branding, lamp technology types are clearly indicated and all government regulations are adhered to for lumen output, wattage and cost to operate. Satco packaging makes choosing the right lamp easy.

Gondola shelf technology strips

Indicate what technologies are on what shelves. Grouping products by their technology has been shown to help customers find the products they want easily.

Shelf talkers

Are an important silent salesman, explaining a sale or calling attention to a new product.



Energy Efficient Shelf Talker
Item # SA1205

RETAIL SUPPORT

SATCO | NUVO
SATCO LIGHTING CENTER satco.com

- LED • Fluorescent Tubes
- Compact Fluorescent Lamps
- Decorative • Incandescent
- Halogen • Specialty Bulbs
- High Intensity Discharge

Generic Lighting Center Gondola Header

Item # SA1098
 Header mounting hardware available

SATCO | NUVO

Reduce utility bills with energy saving Satco lamps.

Standard CFL Spirals BRPAR CFL Lamps Ditto® LED Reflector Lamps Specialty LED Lamps LED A19 LED PAR Lamps

Energy Efficient Gondola Header

Item # SA1206
 Header mounting hardware available

SATCO | NUVO

LED Lighting Center

LED Retrofits LED Reflectors LED Specialty Lamps LED MR16 LED A19 LED PAR Lamps LED 4' Lamps

LED Gondola Header

Item # SA2006
 Header mounting hardware available

Gondola headers

Clearly call out your lighting center, and our educational versions help explain new vs. old lighting technologies and the savings your customers can expect from them. Customers making more informed decisions will be pleased with their purchase and remember the help they received in your store.

Product photos

Satco offers our entire library of product photos for use in your flyers and advertising. Our high-quality product and packaging images will show customers exactly what you're offering.

Aisle flags

Help define what's on each section of shelving for easy product location.



Lighting Technology Aisle Violator Tags
 Item # SA1292
 Mounting hardware available



SA1292/1 SA1292/2 SA1292/3 SA1292/4 SA1292/5 SA1292/6

SATCO | NUVO

Lamp Technology Wattage Comparison www.satco.com

INCANDESCENT - Life: 1,000 Hours			HALOGEN - Life: 1,000 Hours = GOOD			CFL - Life: 10,000 Hours = BETTER			LED - Life: 25,000+ Hours = BEST		
Standard Wattage	Lumens/Brightness	Cost to Operate/Yr*	Wattage	Lumens/Brightness	Cost to Operate/Yr*	Wattage	Lumens/Brightness	Cost to Operate/Yr*	Wattage	Lumens/Brightness	Cost to Operate/Yr*
25W = 200		\$3.01				5W = 280		\$0.84	3W = 180		\$0.36
40W† = 450	\$7.23		29W = 410	\$3.49		9W = 550	\$1.08		8W = 450	\$0.96	
60W† = 800	\$7.23		43W = 750	\$5.18		13W = 900	\$1.57		10W = 800	\$1.20	
75W† = 1,100	\$9.03		53W = 1,050	\$6.39		18W = 1,200	\$2.17		13W = 1,100	\$1.57	
100W† = 1,600	\$12.05		72W = 1,490	\$8.67		23W = 1,600	\$2.77		17W = 1,600	\$2.05	

† Discontinued technology.
* Estimated yearly energy cost is based on 3 hrs/day, 0.11¢ kWh. Cost depends on rates and use.

SA1285/1
Lamp Comparison Guide

SATCO | NUVO

Lamp Savings Comparison-per lamp, per year* www.satco.com

INCANDESCENT Standard Wattage	Savings for Halogen Life = 1,000 Hours	Savings for CFL Life = 10,000 Hours	Savings for LED Life = 25,000 Hours	SAVE MORE
25W =	-	\$2.17	\$2.65	Long life = Less replacement lamps
40W =	\$1.33	\$3.74	\$3.86	
60W =	\$2.05	\$5.66	\$6.03	
75W =	\$2.65	\$8.86	\$7.46	
100W =	\$3.38	\$9.28	\$10.00	

* Estimated yearly energy cost is based on 3 hrs/day, 0.11¢ kWh. Cost depends on rates and use.

SA1285/2
Lamp Savings Comparison

SATCO | NUVO

Lamp Feature Comparison www.satco.com

INCANDESCENT	HALOGEN	CFL (COMPACT FLUORESCENT)	LED (LIGHT-EMITTING DIODE)
<ul style="list-style-type: none"> • Good light quality • Low initial cost • Dimmable • Shortest life • Least Efficient 	<ul style="list-style-type: none"> • Great light quality • Dimmable • Same bulb shape • Energy savings: GOOD 	<ul style="list-style-type: none"> • Big jump in energy savings • Instant on • Long bulb life, recyclable • Energy savings: BETTER 	<ul style="list-style-type: none"> • Most energy efficient • Immediate full brightness • Dimmable • Costs the least to operate • Longest bulb life available • Energy savings: BEST

SA1285/3
Lamp Features Comparison

SATCO | NUVO

Long Life = Less Replacements www.satco.com

1 CFL lasts as long as 10 Incandescents **1 LED lasts as long as 25 Incandescents**

=

A 13W CFL costs \$1.57 per year to operate in energy costs vs. a 60W incandescent that costs \$7.23 per year.*

=

An 8W LED costs \$0.96 per year to operate in energy costs vs. a 60W incandescent that costs \$7.23 per year.*

* Estimated yearly energy cost is based on 3 hrs/day, 0.11¢ kWh. Cost depends on rates and use.

SA1285/4
Long Life = Less Replacements



SA1285/5
Lumens: The new way to shop for light

SATCO | NUVO

Choosing Color Temperature www.satco.com

Lighting sets the mood in your room.

COLOR TEMPERATURE SCALE			
Soft White	Bright White	Natural Light	
2700K	3000K	3500K	4100K
Warm 2700K is inviting, warm, friendly and relaxing. • Homes • Restaurants	Neutral 3000K is inviting, comfortable and relaxing. • Homes • Showrooms • Reception • Offices	Cool 4100K is efficient, clean and organized. • Offices • Hospitals • Conference rooms	Daylight 5000K is exacting, refreshing, bright and alert. • Galleries • Jewelry displays

Warm

Neutral

Cool

Daylight

SA1285/6
Choosing Color Temperature

Lamp Comparison Gondola Headers

SET: 6
(Can be ordered separately)
Item # SA1285
Header mounting hardware available



Quality, efficiency, taken to great lengths.

At Satco we stock an unprecedented variety of fluorescent lamps. Everything from T5 to T12 sizes, including our Hygrade™, Circline™ and U-bend styles. There are high-output, rapid start, and instant versions sure to fill any commercial or residential application. Our germicidal and other specialty fluorescents complete one of the most extensive selections in the industry. Our fluorescent lamps are energy efficient, manufactured to the highest standards, and we're stocked to ensure quick deliveries, whatever the quantity.

Fluorescent lamp features:

- Available in all standard and high-output wattages from 4 to 215 Watts
 - Superior CRI levels
 - Virtually all industry sizes
 - Manufactured to RoHS standards and Federal TCLP standards
 - CEE listed High Performance and Reduced Wattage options to meet Energy Efficient Commercial Lighting System conversions
 - High lumen maintenance levels
 - Long Life – up to 48,000 hour life*
 - Environmentally friendly – low UV and low Mercury
 - Full range of color temperatures from 2455K to 6500K
 - Lamps for both commercial and residential applications
- * Life dependent on ballast and hours per start



T8
Med. Bi Pin

Reduced Wattage, High Performance/High Lumen, and Long Life T8 Lamps

T8 Instant/Rapid Start Energy Saving Lamps* (Electronic Ballast) 48"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
25	T8	Med. Bi Pin	S8438**	F32/25WT8/830/ES/ENV	Warm White	3000	85	30000	2400	48	47 ¾	30	4, 12, 13
			S8439**	F32/25WT8/835/ES/ENV	Neutral White	3500	85	30000	2400	48	47 ¾	30	4, 12, 13
			S8440**	F32/25WT8/841/ES/ENV	Cool White	4100	85	30000	2400	48	47 ¾	30	4, 12, 13
			S8441**	F32/25WT8/850/ES/ENV	Natural Light	5000	85	30000	2375	48	47 ¾	30	4, 12, 13
			S8442**	F32/25WT8/865/ES/ENV	Daylight	6500	85	30000	2300	48	47 ¾	30	4, 12, 13
28	T8	Med. Bi Pin	S8422**	F28T8/830/ES/ENV	Warm White	3000	85	30000	2725	48	47 ¾	30	4, 12, 13
			S8423**	F28T8/835/ES/ENV	Neutral White	3500	85	30000	2725	48	47 ¾	30	4, 12, 13
			S8424**	F28T8/841/ES/ENV	Cool White	4100	85	30000	2725	48	47 ¾	30	4, 12, 13
			S8425**	F28T8/850/ES/ENV	Natural Light	5000	85	30000	2700	48	47 ¾	30	4, 12, 13
			S8437	F28T8/865/ES/ENV	Daylight	6500	85	30000	2650	48	47 ¾	30	4, 12, 13

T8 Instant/Rapid Start High Lumen Lamps* (Electronic Ballast) 48"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
32	T8	Med. Bi Pin	S8426**	F32T8/830/HL/ENV	Warm White	3000	85	30000	3100	48	47 ¾	30	4, 12, 13
			S8427**	F32T8/835/HL/ENV	Neutral White	3500	85	30000	3100	48	47 ¾	30	4, 12, 13
			S8428**	F32T8/841/HL/ENV	Cool White	4100	85	30000	3100	48	47 ¾	30	4, 12, 13
			S8429**	F32T8/850/HL/ENV	Natural Light	5000	85	30000	3100	48	47 ¾	30	4, 12, 13
			S8430**	F32T8/865/HL/ENV	Daylight	6500	85	30000	3000	48	47 ¾	30	4, 12, 13

T8 Instant/Rapid Start Long Life Lamps* (Electronic Ballast) 48"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
32	T8	Med. Bi Pin	S8443	F32T8/830/XL/ENV	Warm White	3000	82	36000	3050	48	47 ¾	30	4, 12, 13
			S8444	F32T8/835/XL/ENV	Neutral White	3500	82	36000	3000	48	47 ¾	30	4, 12, 13
			S8445	F32T8/841/XL/ENV	Cool White	4100	82	36000	3000	48	47 ¾	30	4, 12, 13
			S8446	F32T8/850/XL/ENV	Natural Light	5000	82	36000	2900	48	47 ¾	30	4, 12, 13
			S8447	F32T8/865/XL/ENV	Daylight	6500	82	36000	2900	48	47 ¾	30	4, 12, 13

*Shatter Proof is available on all Fluorescent Lamps.

**CEE Listed



T8
Med. Bi Pin

Standard T8 Lamps

T8 Instant/Rapid Start Lamps* (Electronic Ballast) 24"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
17	T8	Med. Bi Pin	S6520 ▲	F17T8/730/ECO	Warm White	3000	75	24000	1300	24	23 ¾	30	11, 12, 13
			S8404	F17T8/830/ENV	Warm White	3000	85	20000	1450	24	23 ¾	30	11, 12, 13
			S6523 ▲	F17T8/830/ECO	Warm White	3000	82	24000	1400	24	23 ¾	30	11, 12, 13
			S6521 ▲	F17T8/735/ECO	Neutral White	3500	75	24000	1300	24	23 ¾	30	11, 12, 13
			S8405	F17T8/835/ENV	Neutral White	3500	85	20000	1450	24	23 ¾	30	11, 12, 13
			S6524 ▲	F17T8/835/ECO	Neutral White	3500	82	24000	1400	24	23 ¾	30	11, 12, 13
			S6522 ▲	F17T8/741/ECO	Cool White	4100	75	24000	1300	24	23 ¾	30	11, 12, 13
			Shatter Proof S6583 ▲	F17T8/741/TF/ECO	Cool White	4100	75	24000	1300	24	23 ¾	30	9, 11, 12, 13
			S8406	F17T8/841/ENV	Cool White	4100	85	20000	1450	24	23 ¾	30	11, 12, 13
			S6525 ▲	F17T8/841/ECO	Cool White	4100	82	24000	1400	24	23 ¾	30	11, 12, 13
			Shatter Proof S6693 ▲	F17T8/841//TF/ECO	Cool White	4100	82	24000	1400	24	23 ¾	30	11, 12, 13
			S8432	F17T8/850/ENV	Natural Light	5000	82	20000	1400	24	23 ¾	30	11, 12, 13
S8433	F17T8/865/ENV	Daylight	6500	82	20000	1300	24	23 ¾	30	11, 12, 13			

T8 Instant/Rapid Start Lamps* (Electronic Ballast) 36"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
25	T8	Med. Bi Pin	S6526 ▲	F25T8/730/ECO	Warm White	3000	75	24000	2025	36	35 ¾	30	11, 12, 13
			S8410	F25T8/830/ENV	Warm White	3000	85	20000	2300	36	35 ¾	30	11, 12, 13
			S6529 ▲	F25T8/830/ECO	Warm White	3000	82	24000	2150	36	35 ¾	30	11, 12, 13
			S6527 ▲	F25T8/735/ECO	Neutral White	3500	75	24000	2025	36	35 ¾	30	11, 12, 13
			S8411	F25T8/835/ENV	Neutral White	3500	85	20000	2300	36	35 ¾	30	11, 12, 13
			S6530 ▲	F25T8/835/ECO	Neutral White	3500	82	24000	2150	36	35 ¾	30	11, 12, 13
			S6528 ▲	F25T8/741/ECO	Cool White	4100	75	24000	2025	36	35 ¾	30	11, 12, 13
			Shatter Proof S6584 ▲	F25T8/741/TF/ECO	Cool White	4100	75	24000	2025	36	35 ¾	30	9, 11, 12, 13
			S8412	F25T8/841/ENV	Cool White	4100	85	20000	2300	36	35 ¾	30	11, 12, 13
			Shatter Proof S6692 ▲	F25T8/841/TF/ECO	Cool White	4100	82	24000	2150	36	35 ¾	30	11, 12, 13
			S6531 ▲	F25T8/841/ECO	Cool White	4100	82	24000	2150	36	35 ¾	30	11, 12, 13
			S8434	F25T8/850/ENV	Natural Light	5000	82	20000	2200	36	35 ¾	30	11, 12, 13
			S8435	F25T8/865/ENV	Daylight	6500	82	20000	2150	36	35 ¾	30	11, 12, 13

* Shatter Proof is available on all Fluorescent Lamps.



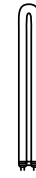
T8
Med. Bi Pin

Standard T8 Lamps

T8 Instant/Rapid Start Lamps* (Electronic Ballast) 48"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes	
32	T8	Med. Bi Pin	S8418	F32T8/830/ENV	Warm White	3000	85	24000	2950	48	47 ¾	30	11, 12, 13	
			S6535 ▲	F32T8/830/ECO	Warm White	3000	82	24000	2950	48	47 ¾	30	11, 12, 13	
			S2915 ▲	F32T8/830/XP/ECO	Warm White	3000	85	24000	3000	48	47 ¾	30	11, 12, 13	
			S8419	F32T8/835/ENV	Neutral White	3500	85	24000	2950	48	47 ¾	30	11, 12, 13	
			S8478	F32T8/835/ENV/2PK	Neutral White	3500	85	24000	2950	48	47 ¾	15/2	11, 12, 13	
			S6536 ▲	F32T8/835/ECO	Neutral White	3500	82	24000	2950	48	47 ¾	30	11, 12, 13	
			S2916 ▲	F32T8/835/XP/ECO	Neutral White	3500	85	24000	3000	48	47 ¾	30	11, 12, 13	
			S8420	F32T8/841/ENV	Cool White	4100	85	24000	2950	48	47 ¾	30	11, 12, 13	
			S8479	F32T8/841/ENV/2PK	Cool White	4100	85	24000	2950	48	47 ¾	15/2	11, 12, 13	
			S6537 ▲	F32T8/841/ECO	Cool White	4100	82	24000	2950	48	47 ¾	30	11, 12, 13	
			S2917 ▲	F32T8/841/XP/ECO	Cool White	4100	85	24000	3000	48	47 ¾	30	11, 12, 13	
			Shatter Proof	S6691 ▲	F32T8/841/TF/ECO	Cool White	4100	82	24000	2950	48	47 ¾	30	11, 12, 13
			S8421	F32T8/850/ENV	Natural Light	5000	85	24000	2900	48	47 ¾	30	11, 12, 13	
			S2919 ▲	F32T8/850/ECO	Natural Light	5000	80	24000	2800	48	47 ¾	30	11, 12, 13	
			S2920 ▲	F32T8/850/XP/ECO	Natural Light	5000	85	24000	2950	48	47 ¾	30	11, 12, 13	
			S8436	F32T8/865/ENV	Daylight	6500	82	24000	2850	48	47 ¾	30	11, 12, 13	

* Shatter Proof is available on all Fluorescent Lamps.



T8 U-Bend
1 5/8" Leg
Med. Bi Pin



T8 U-Bend
6" Leg
Med. Bi Pin

T8 U-Bend Instant/Rapid Start Lamps* (Electronic Ballast)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
28	T8	Med. Bi Pin	S8471**	FB32T8/830/ENV/28W	Warm White	3000	85	20000	2600	22 1/2	6	16	11, 12, 13
			S8472**	FB32T8/835/ENV/28W	Neutral White	3500	85	20000	2600	22 1/2	6	16	11, 12, 13
			S8473**	FB32T8/841/ENV/28W	Cool White	4100	85	20000	2600	22 1/2	6	16	11, 12, 13
			S8474	FB32T8/850/ENV/28W	Natural Light	5000	85	20000	2550	22 1/2	6	16	11, 12, 13
			S8475	FB32T8/865/ENV/28W	Daylight	6500	85	20000	2500	22 1/2	6	16	11, 12, 13
31	T8	Med. Bi Pin	S8450	FB31T8/830	Warm White	3000	82	20000	2750	22 9/16	1 5/8	15	11, 12, 13
			S6550 ▲	FB031/830	Warm White	3000	82	20000	2725	22 9/16	1 5/8	15	11, 12, 13
			S8451	FB31T8/835	Neutral White	3500	82	20000	2750	22 9/16	1 5/8	15	11, 12, 13
			S6551 ▲	FB031/835	Neutral White	3500	82	20000	2725	22 9/16	1 5/8	15	11, 12, 13
			S8452	FB31T8/841	Cool White	4100	82	20000	2750	22 9/16	1 5/8	15	11, 12, 13
			S6552 ▲	FB031/841	Cool White	4100	82	20000	2725	22 9/16	1 5/8	15	11, 12, 13
			S8459	FB31T8/850	Natural Light	5000	82	20000	2700	22 9/16	1 5/8	15	11, 12, 13
32	T8	Med. Bi Pin	S6553 ▲	FB032/730/6/ECO	Warm White	3000	75	20000	2750	22 9/16	6	16	11, 12, 13
			S8456	FB32T8/830/U6/ENV	Warm White	3000	82	20000	3000	22 9/16	6	16	11, 12, 13
			S6556 ▲	FB032/830/6/ECO	Warm White	3000	82	20000	2850	22 9/16	6	16	11, 12, 13
			S6554 ▲	FB032/735/6/ECO	Neutral White	3500	75	20000	2750	22 9/16	6	16	11, 12, 13
			S8457	FB32T8/835/U6/ENV	Neutral White	3500	82	20000	3000	22 9/16	6	16	11, 12, 13
			S6557 ▲	FB032/835/6/ECO	Neutral White	3500	82	20000	2850	22 9/16	6	16	11, 12, 13
			S6555 ▲	FB032/741/6/ECO	Cool White	4100	75	20000	2750	22 9/16	6	16	11, 12, 13
			S8458	FB32T8/841/U6/ENV	Cool White	4100	82	20000	3000	22 9/16	6	16	11, 12, 13
			S6558	FB032/841/6/ECO	Cool White	4100	82	20000	2850	22 9/16	6	16	11, 12, 13
			Shatter Proof S6699	FB032/841/6/ECO	Cool White	4100	82	20000	2850	22 9/16	6	16	11, 12, 13
			S8460	FB32T8/750/ENV	Natural Light	5000	75	20000	2700	22 9/16	6	16	11, 12, 13
			S2924	FB032/750/6/ECO	Natural Light	5000	75	20000	2625	22 9/16	6	16	11, 12, 13
			S8462	FB32T8/850/ENV	Natural Light	5000	82	20000	2940	22 9/16	6	16	11, 12, 13
			S8463	FB32T8/865/ENV	Daylight	6500	82	20000	2880	22 9/16	6	16	11, 12, 13

*Shatter Proof is available on all Fluorescent Lamps.

**CEE Listed

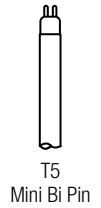


T5
Mini Bi Pin

T5 High Performance Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
14	T5	Mini Bi Pin	S8125	F14T5/830/ENV	Warm White	3000	85	30000	1350	24	22 3/16	40	11, 12, 13
			S6425 ▲	FP14/830/ECO	Warm White	3000	82	25000	1275	24	22 3/16	40	11, 12, 13
			S8126	F14T5/835/ENV	Neutral White	3500	85	30000	1350	24	22 3/16	40	11, 12, 13
			S6426 ▲	FP14/835/ECO	Neutral White	3500	82	25000	1275	24	22 3/16	40	11, 12, 13
			S8127	F14T5/841/ENV	Cool White	4100	85	30000	1350	24	22 3/16	40	11, 12, 13
			S6427 ▲	FP14/841/ECO	Cool White	4100	82	25000	1275	24	22 3/16	40	11, 12, 13
			S8110	F14T5/850/ENV	Natural Light	5000	85	30000	1350	24	22 3/16	40	11, 12, 13
			S8111	F14T5/865/ENV	Daylight	6500	85	30000	1350	24	22 3/16	40	11, 12, 13
21	T5	Mini Bi Pin	S8128	F21T5/830/ENV	Warm White	3000	85	30000	2100	36	34	40	11, 12, 13
			S6428 ▲	FP21/830/ECO	Warm White	3000	82	25000	2000	36	34	40	11, 12, 13
			S8129	F21T5/835/ENV	Neutral White	3500	85	30000	2100	36	34	40	11, 12, 13
			S6429 ▲	FP21/835/ECO	Neutral White	3500	82	25000	2000	36	34	40	11, 12, 13
			S8130	F21T5/841/ENV	Cool White	4100	85	30000	2100	36	34	40	11, 12, 13
			S6430 ▲	FP21/841/ECO	Cool White	4100	82	25000	2000	36	34	40	11, 12, 13
			S8112	F21T5/850/ENV	Natural Light	5000	85	30000	2100	36	34	40	11, 12, 13
			S8113	F21T5/865/ENV	Daylight	6500	85	30000	2100	36	34	40	11, 12, 13
28	T5	Mini Bi Pin	S8131	F28T5/830/ENV	Warm White	3000	85	30000	2900	48	45 13/16	40	11, 12, 13
			S6431 ▲	FP28/830/ECO	Warm White	3000	82	30000	2750	48	45 13/16	40	11, 12, 13
			S8132	F28T5/835/ENV	Neutral White	3500	85	30000	2900	48	45 13/16	40	11, 12, 13
			S6432 ▲	FP28/835/ECO	Neutral White	3500	82	30000	2750	48	45 13/16	40	11, 12, 13
			S8133	F28T5/841/ENV	Cool White	4100	85	30000	2900	48	45 13/16	40	11, 12, 13
			S6433 ▲	FP28/841/ECO	Cool White	4100	82	30000	2750	48	45 13/16	40	11, 12, 13
			S8114	F28T5/850/ENV	Natural Light	5000	85	30000	2900	48	45 13/16	40	11, 12, 13
			S8115	F28T5/865/ENV	Daylight	6500	85	30000	2900	48	45 13/16	40	11, 12, 13
35	T5	Mini Bi Pin	S8134	F35T5/830/ENV	Warm White	3000	85	30000	3650	60	57 19/32	40	11, 12, 13
			S6434 ▲	FP35/830/ECO	Warm White	3000	82	25000	3425	60	57 19/32	40	11, 12, 13
			S8135	F35T5/835/ENV	Neutral White	3500	85	30000	3650	60	57 19/32	40	11, 12, 13
			S6435 ▲	FP35/835/ECO	Neutral White	3500	82	25000	3425	60	57 19/32	40	11, 12, 13
			S8136	F35T5/841/ENV	Cool White	4100	85	30000	3650	60	57 19/32	40	11, 12, 13
			S6436 ▲	FP35/841/ECO	Cool White	4100	82	25000	3425	60	57 19/32	40	11, 12, 13
			S8116	F35T5/850/ENV	Natural Light	5000	85	30000	3650	60	57 19/32	40	11, 12, 13
			S8117	F35T5/865/ENV	Daylight	6500	85	30000	3650	60	57 19/32	40	11, 12, 13

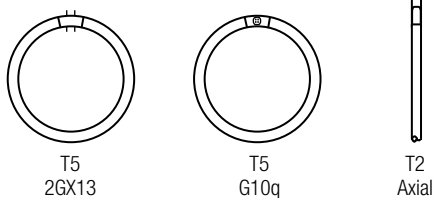
* Shatter Proof is available on all Fluorescent Lamps.



T5 HO High Performance Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
24	T5	Mini Bi Pin	S8137	F24T5/830/HO/ENV	Warm White	3000	85	30000	2000	24	22 3/16	40	11, 12, 13
			S6437 ▲	FP24/830/HO/ECO	Warm White	3000	82	30000	1875	24	22 3/16	40	11, 12, 13
			S8138	F24T5/835/HO/ENV	Neutral White	3500	85	30000	2000	24	22 3/16	40	11, 12, 13
			S6438 ▲	FP24/835/HO/ECO	Neutral White	3500	82	30000	1875	24	22 3/16	40	11, 12, 13
			S8139	F24T5/841/HO/ENV	Cool White	4100	85	30000	2000	24	22 3/16	40	11, 12, 13
			S6439 ▲	FP24/841/HO/ECO	Cool White	4100	82	30000	1875	24	22 3/16	40	11, 12, 13
			S8118	F24T5/850/HO/ENV	Natural Light	5000	85	30000	2000	24	22 3/16	40	11, 12, 13
			S8119	F24T5/865/HO/ENV	Daylight	6500	85	30000	2000	24	22 3/16	40	11, 12, 13
39	T5	Mini Bi Pin	S8140	F39T5/830/HO/ENV	Warm White	3000	85	30000	3500	36	34	40	11, 12, 13
			S6440 ▲	FP39/830/HO/ECO	Warm White	3000	82	30000	3300	36	34	40	11, 12, 13
			S8141	F39T5/835/HO/ENV	Neutral White	3500	85	30000	3500	36	34	40	11, 12, 13
			S6441 ▲	FP39/835/HO/ECO	Neutral White	3500	82	30000	3300	36	34	40	11, 12, 13
			S8142	F39T5/841/HO/ENV	Cool White	4100	85	30000	3500	36	34	40	11, 12, 13
			S6442 ▲	FP39/841/HO/ECO	Cool White	4100	82	30000	3300	36	34	40	11, 12, 13
			S8120	F39T5/850/HO/ENV	Natural Light	5000	85	30000	3500	36	34	40	11, 12, 13
			S8121	F39T5/865/HO/ENV	Daylight	6500	85	30000	3500	36	34	40	11, 12, 13
54	T5	Mini Bi Pin	S8143	F54T5/830/HO/ENV	Warm White	3000	85	30000	5000	48	45 13/16	40	11, 12, 13
			S6443 ▲	FP54/830/HO/ECO	Warm White	3000	82	40000	4725	48	45 13/16	40	11, 12, 13
			S8144	F54T5/835/HO/ENV	Neutral White	3500	85	30000	5000	48	45 13/16	40	11, 12, 13
			S6444 ▲	FP54/835/HO/ECO	Neutral White	3500	82	40000	4725	48	45 13/16	40	11, 12, 13
			S8145	F54T5/841/HO/ENV	Cool White	4100	85	30000	5000	48	45 13/16	40	11, 12, 13
			S6445 ▲	FP54/841/HO/ECO	Cool White	4100	82	40000	4725	48	45 13/16	40	11, 12, 13
			S8122	F54T5/850/HO/ENV	Natural Light	5000	85	30000	5000	48	45 13/16	40	11, 12, 13
			S8123	F54T5/865/HO/ENV	Daylight	6500	85	30000	5000	48	45 13/16	40	11, 12, 13
80	T5	Mini Bi Pin	S6446 ▲	FP80/830/HO/ECO	Warm White	3000	82	25000	6575	60	57 9/16	40	11, 12, 13
			S6447 ▲	FP80/835/HO/ECO	Neutral White	3500	82	25000	6575	60	57 19/32	40	11, 12, 13
			S6448 ▲	FP80/841/HO/ECO	Cool White	4100	82	25000	6575	60	57 19/32	40	11, 12, 13

* Shatter Proof is available on all Fluorescent Lamps.



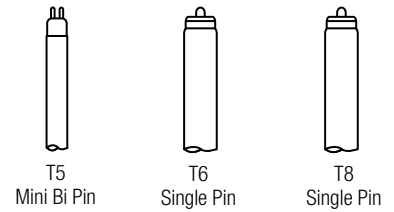
T5 Circline High Performance Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
22	T5	2GX13	S8155	FC22T5/830	Warm White	3000	82	12000	1900	9	9	12	11, 12, 13
			S2955 ▲	FPC22/830	Warm White	3000	82	12000	1800	9	9	12	11, 12, 13
			S2956 ▲	FPC22/835	Neutral White	3500	82	12000	1800	9	9	12	11, 12, 13
			S8156	FC22T5/835	Neutral White	3500	82	12000	1900	9	9	12	11, 12, 13
			S8157	FC22T5/841	Cool White	4100	82	12000	1900	9	9	12	11, 12, 13
				G10q	S8166	FC22T5/865/G10q	Daylight	6500	82	12000	1800	9	9
40	T5	G10q	S8164	FC40T5/827/G10q	Warm White	2700	82	12000	3300	12	12	12	11, 12, 13
		2GX13	S8158	FC40T5/830	Warm White	3000	82	12000	3300	12	12	12	11, 12, 13
			S8159	FC40T5/835	Neutral White	3500	82	12000	3300	12	12	12	11, 12, 13
			S2959 ▲	FPC40/835	Neutral White	3500	82	12000	3200	12	12	12	11, 12, 13
			S8160	FC40T5/841	Cool White	4100	82	12000	3300	12	12	12	11, 12, 13
55	T5	2GX13	S8161	FC55T5/H0/830	Warm White	3000	82	12000	4200	12	12	12	11, 12, 13
			S2961 ▲	FPC55/830/H0	Warm White	3000	82	12000	4000	12	12	12	11, 12, 13
			S8162	FC55T5/H0/835	Neutral White	3500	82	12000	4200	12	12	12	11, 12, 13
			S2962 ▲	FPC55/835/H0	Neutral White	3500	82	12000	4000	12	12	12	11, 12, 13
			S8163	FC55T5/H0/841	Cool White	4100	82	12000	4200	12	12	12	11, 12, 13

T2 SubMini Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
8	T2	Axial	S6490 ▲	FM8/830	Warm White	3000	80	10000	540	12	19/32	1219/3220	5, 12
			S6491 ▲	FM8/841	Cool White	4100	80	10000	540	12	19/32	1219/3220	5, 12
11	T2	Axial	S6492 ▲	FM11/830	Warm White	3000	80	10000	750	16	19/32	1619/3220	5, 12
			S6493 ▲	FM11/841	Cool White	4100	80	10000	750	16	19/32	1619/3220	5, 12
13	T2	Axial	S6494 ▲	FM13/830	Warm White	3000	80	10000	930	20	19/32	2019/3220	5, 12
			S2903 ▲	FM13/835	Neutral White	3500	80	10000	930	20	19/32	2019/3220	5, 12

* Shatter Proof is available on all Fluorescent Lamps.



T5 Preheat Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
4	T5	Mini Bi Pin	S1900	F4T5/CW	Cool White	4100	60	5000	130	6	5 15/16	20	12, 13
			S2908	F4T5/D	Daylight	6500	75	5000	115	6	5 15/16	20	12, 13
6	T5	Mini Bi Pin	S1902	F6T5/CW	Cool White	4000	62	5000	260	9	8 15/16	20	12, 13
			S2909	F6T5/D	Daylight	6500	76	5000	260	9	8 15/16	20	12, 13
8	T5	Mini Bi Pin	S1904	F8T5/CW	Cool White	4000	62	5000	380	12	11 15/16	20	12, 13
			S1905	F8T5/WW	Warm White	3000	52	5000	380	12	11 15/16	20	12, 13
			S2910	F8T5/D	Daylight	6500	76	5000	350	12	11 15/16	20	12, 13
13	T5	Mini Bi Pin	S1907	F13T5/WW	Warm White	3000	52	5000	880	21	20 15/16	20	12, 13
			S1906	F13T5/CW	Cool White	4200	62	5000	860	21	20 15/16	20	12, 13
			S2911	F13T5/D	Daylight	6500	76	5000	780	21	20 15/16	20	12, 13

T8 Instant Start Slimline Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
38	T8	Single Pin	S6478 ▲	F72T8/CW	Cool White	4200	62	7500	3050	72	62	24	12, 13
	T8	Single Pin	S6476 ▲	F72T8/D	Daylight	6500	76	7500	2288	72	70	24	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T8
Bi Pin

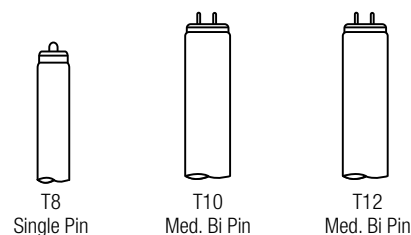
T8 Preheat Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
15	T8	Med. Bi Pin	S7925	F15T8/WW	Warm White	3000	52	7500	845	18	17 ¾	24	12, 13
			S6512 ▲	F15T8/WW	Warm White	3000	52	7500	845	18	17 ¾	24	12, 13
			S7949	F15T8/CW	Cool White	4100	62	7500	850	18	17 ¾	24	12, 13
			S6510 ▲	F15T8/CW	Cool White	4100	62	7500	850	18	17 ¾	24	12, 13
			S7950	F15T8/D	Daylight	6500	76	7500	750	18	17 ¾	24	12, 13
			S6511 ▲	F15T8/D	Daylight	6500	76	7500	750	18	17 ¾	24	12, 13
18	T8	Med. Bi Pin	S6513 ▲	F18T8/CW/K24	Cool White	4100	62	7500	1035	24	23 ¾	24	3, 12, 13
			S6514 ▲	F18T8/CW/K26	Cool White	4100	62	7500	1079	26	25 ¾	24	3, 12, 13
			S6515 ▲	F18T8/CW/K28	Cool White	4100	62	7500	1131	28	27 ¾	24	3, 12, 13
			S6516 ▲	F18T8/CW/K30	Cool White	4100	62	7500	1200	30	29 ¾	24	3, 12, 13
30	T8	Med. Bi Pin	S6519 ▲	F30T8/WW	Warm White	3000	52	7500	2150	36	35 ¾	24	12, 13
			S6517 ▲	F30T8/CW	Cool White	4100	62	7500	1380	36	35 ¾	24	12, 13
			S6518 ▲	F30T8/D	Daylight	6500	76	7500	2180	36	35 ¾	24	12, 13

T8 Instant/Rapid Start Lamps* (Electronic Ballast) 60" & 96"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
40	T8	Med. Bi Pin	S6544	F40T8/730/ECO	Warm White	3000	75	24000	3550	60	59 5/8	30	11, 12, 13
			S6547	F40T8/830/ECO	Warm White	3000	82	24000	3650	60	59 5/8	30	11, 12, 13
			S6545	F40T8/735/ECO	Neutral White	3500	75	24000	3550	60	59 5/8	30	11, 12, 13
			S6548	F40T8/835/ECO	Neutral White	3500	82	24000	3650	60	59 5/8	30	11, 12, 13
			S6546	F40T8/741/ECO	Cool White	4100	75	24000	3550	60	59 5/8	30	11, 12, 13
			S6549	F40T8/841/ECO	Cool White	4100	82	24000	3650	60	59 5/8	30	11, 12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T8 Instant/Rapid Start Lamps* (Electronic Ballast) 60" & 96" (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
59	T8	Single Pin	S6541 ▲	F96T8/830/ECO	Warm White	3000	82	18000	5900	96	94	24	11, 12, 13
			S6542 ▲	F96T8/835/ECO	Neutral White	3500	82	18000	5900	96	94	24	11, 12, 13
			S6543 ▲	F96T8/841/ECO	Cool White	4100	82	18000	5900	96	94	24	11, 12, 13
			S6577 ▲	F96T8/850/ECO	Natural Light	5000	80	18000	5900	96	94	24	11, 12, 13

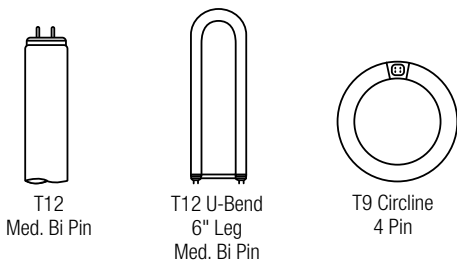
T10 and T12 Preheat Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
40	T10	Med. Bi Pin	S7928	F40T10/EX50	Natural Light	5000	88	20000	3600	48	48	25	12, 13
			S7929	F40T10/EX41	Cool White	4100	84	20000	3600	48	48	25	12, 13
14	T12	Med. Bi Pin	S6561 ▲	F14T12/WW	Warm White	3000	52	7500	660	15	14 ¾	30	12, 13
			S6559 ▲	F14T12/CW	Cool White	4100	62	7500	650	15	14 ¾	30	12, 13
15	T12	Med. Bi Pin	S6564 ▲	F15T12/WW	Warm White	3000	52	7500	770	18	17 ¾	30	12, 13
			S6562 ▲	F15T12/CW	Cool White	4100	62	7500	750	18	17 ¾	30	12, 13
			S6563 ▲	F15T12/D	Daylight	6500	76	7500	660	18	17 ¾	30	12, 13
20	T12	Med. Bi Pin	S6567 ▲	F20T12/WW	Warm White	3000	52	9000	1250	24	23 ¾	30	12, 13
			S6565 ▲	F20T12/CW	Cool White	4100	62	9000	1220	24	23 ¾	30	12, 13
			Shatter Proof S6579 ▲	F20T12/CW/TF	Cool White	4100	62	9000	1220	24	23 ¾	30	9, 12, 13
			S6566 ▲	F20T12/D	Daylight	6500	76	9000	1075	24	23 ¾	30	12, 13
25	T12	Med. Bi Pin	S6568 ▲	F25T12/CW/28	Cool White	4100	62	7500	1670	28	27 ¾	30	12, 13
			S6569 ▲	F25T12/CW/30	Cool White	4100	62	7500	1730	30	29 ¾	30	12, 13
			S6570 ▲	F25T12/CW/33	Cool White	4100	62	7500	1750	33	32 ¾	30	12, 13

T12 Rapid Start Lamps* 36"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
30	T12	Med. Bi Pin	S6573 ▲	F30T12/WW/RS	Warm White	3000	52	18500	2275	36	35 ¾	30	12, 13
			S6575 ▲	F30T12/D35/RS	Neutral White	3500	70	18000	2250	36	35 ¾	30	12, 13
			S6571 ▲	F30T12/CW/RS	Cool White	4200	62	18000	2200	36	35 ¾	30	12, 13
			Shatter Proof S6580 ▲	F30T12/CW/RS/TF	Cool White	4200	62	18000	2200	36	35 ¾	30	9, 12, 13
			S6667 ▲	F30T12SUN/RS	Daylight	6250	94	22000	1650	36	35 ¾	30	12, 13
			S6572 ▲	F30T12/D/RS	Daylight	6500	76	18000	1900	36	35 ¾	30	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T12 Rapid Start Lamps* 48"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
40	T12	Med. Bi Pin	Y21376 ▲	F40T12/930/ECO	Cool White	4100	88	20000	3000	48	47 ¾	30	12, 13
			S6637	F40T12/CWX	Cool White	4100	90	24000	2550	48	47 ¾	30	12, 13
			S2927 ▲	F40T12/CWX	Cool White	4100	87	20000	2150	48	47 ¾	30	12, 13
			S6610 ▲	F40T12/DSGN50	Natural Light	5000	90	20000	2200	48	47 ¾	30	12, 13
			S6638	F40T12/DX	Daylight	6500	90	24000	2100	48	47 ¾	30	12, 13
			S6608 ▲	F40T12/DX	Daylight	6500	88	20000	2180	48	47 ¾	30	12, 13

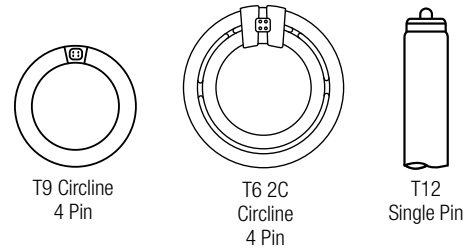
T12 Rapid Start U-Bend Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
34	T12	Med. Bi Pin	Y24965	FB34/930/6/SS/ECO	Warm White	3000	90	18000	2600	22 ½	6	12	6, 12, 13
			S6593 †	FB34/CW/6/SS/TF	Cool White	4200	62	18000	2600	22 ½	6	12	6, 9, 12, 13
40	T12	Med. Bi Pin	S6686	FB40/DX/6	Daylight	6500	88	18000	2300	22 ½	6	12	12, 13
			Y24004	FB40/CWX/6	Cool White	4100	87	18000	2100	22 ½	6	12	6, 9, 12, 13

T9 Circline Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
20	T9	4-Pin	S2950	FC6T9/WW/RS	Warm White	3000	52	12000	810	6 ½	6 ½	12	12, 13
			S6509	FC6T9/CW/RS	Cool White	4100	62	12000	750	6 ½	6 ½	12	12, 13
22	T9	4-Pin	S6502	FC8T9/WW/RS	Warm White	3000	52	12000	1150	8	8	12	12, 13
			S6500	FC8T9/CW/RS	Cool White	4100	62	12000	1120	8	8	12	12, 13
			S6501	FC8T9/D/RS	Daylight	6500	76	12000	980	8	8	12	12, 13
30	T9	4-Pin	S6507	FC30/SW FCL30	Warm White	3000	82	12000	1900	9	9	12	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T9 Circline Lamps* (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
32	T9	4-Pin	S6505	FC12T9/WW/RS	Warm White	3000	52	12000	2150	12	12	12	12, 13
			S6503	FC12T9/CW/RS	Cool White	4100	62	12000	1930	12	12	12	12, 13
			S6504	FC12T9/D/RS	Daylight	6500	76	12000	1670	12	12	12	12, 13
40	T9	4-Pin	S2954	FC16T9/WW/RS	Warm White	3000	52	12000	3100	16	16	12	12, 13
			S6506	FC16T9/CW/RS	Cool White	4100	62	12000	2950	16	16	12	12, 13

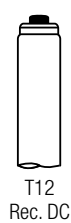
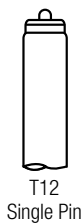
2C Circline Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
40	T6	4-Pin	S6508	FC402C/SW/TC	Warm White	3000	82	12000	2650	7 ½	7 ½	12	12, 13
55	T6	4-Pin	S6596	FC552C/SW/TC	Warm White	3000	82	12000	3800	9	9	12	12, 13

T12 Instant Start Slimline Lamps* 24" – 84"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
30	T12	Single Pin	S6472 ▲	F36T12/CW	Cool White	4200	62	7500	1970	36	34	30	12, 13
39	T12	Single Pin	S6660 ▲	F48T12/CW	Cool White	4200	62	9000	2875	48	46	30	12, 13
			S6586 ▲	F48T12/CW/TF	Cool White	4200	62	9000	2875	48	46	30	9, 12, 13
50	T12	Single Pin	S6661 ▲	F60T12/CW	Cool White	4200	62	12000	3700	60	58	30	12, 13
			S6483 ▲	F60T12/D	Daylight	6500	76	12000	3000	60	58	30	12, 13
52	T12	Single Pin	S6662 ▲	F64T12/CW	Cool White	4200	62	12000	3900	64	62	30	12, 13
			S6485 ▲	F64T12/D	Daylight	6500	76	12000	3300	64	62	30	12, 13
55	T12	Single Pin	S6631 ▲	F72T12/WW	Warm White	3000	52	12000	3900	72	70	15	12, 13
			S6630 ▲	F72T12/CW	Cool White	4200	62	12000	4500	72	70	15	12, 13
			S6632 ▲	F72T12/D	Daylight	6500	76	12000	4150	72	70	15	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



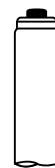
T12 Instant Start Slimline Lamps* 96"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
75	T12	Single Pin	Y23504 ▲	F96T12/WX	Neutral White	3500	87	12000	4200	96	96	15	12, 13
			Y29478 ▲	F96T12/CWX	Cool White	4100	87	12000	4400	96	96	15	12, 13
			S6651 ▲	F96T12/DSGN50	Natural Light	5000	90	12000	4400	96	94	15	12, 13
			S6650 ▲	F96T12/DX	Daylight	6500	88	12000	4310	96	94	15	12, 13

T12 HO High Output (800 mA) Rapid Start Lamps* 18" – 64"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
25	T12	Rec. DC	S2849 ■	F18T12/CW/HO	Cool White	4200	62	9000	1100	18	15	15/16	15, 12, 13
35	T12	Rec. DC	S6449 ▲	F24T12/CW/HO	Cool White	4200	62	9000	1650	24	22	30	12, 13
			S6450 ▲	F24T12/D/HO	Daylight	6500	76	9000	1400	24	21	15/16	30, 12, 13
42	T12	Rec. DC	S6451 ▲	F30T12/CW/HO	Cool White	4200	62	9000	2250	30	27	15/16	30, 12, 13
45	T12	Rec. DC	S6452 ▲	F36T12/CW/HO	Cool White	4200	62	9000	2850	36	33	15/16	30, 12, 13
			S2937 ▲	F36T12/D/HO	Daylight	6500	76	9000	2500	36	33	15/16	30, 12, 13
55	T12	Rec. DC	S6453 ▲	F42T12/CW/HO	Cool White	4200	62	9000	3400	42	40	30	12, 13
			S6454 ▲	F42T12/D/HO	Daylight	6500	76	9000	3050	42	40	30	12, 13
60	T12	Rec. DC	S6670 ▲	F48T12/CW/HO	Cool White	4200	62	12000	4050	48	46	30	12, 13
			Shatter Proof S6587 ▲	F48T12/CW/HO/TF	Cool White	4200	62	12000	4050	48	46	30	9, 12, 13
			S2940 ▲	F48T12/D/HO	Daylight	6500	76	12000	3600	48	46	30	12, 13
75	T12	Rec. DC	S6671 ▲	F60T12/CW/HO	Cool White	4200	62	12000	5200	60	57	15/16	30, 12, 13
			S6457 ▲	F60T12/D/HO	Daylight	6500	76	12000	4600	60	57	15/16	30, 12, 13
80	T12	Rec. DC	S6672 ▲	F64T12/CW/HO	Cool White	4200	62	12000	5750	64	61	15/16	30, 12, 13
			S6458 ▲	F64T12/D/HO	Daylight	6500	76	12000	4900	64	61	15/16	30, 12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T12
Rec. DC

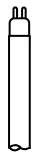
T12 HO High Output (800 mA) Rapid Start Lamps* 72" – 120"

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
85	T12	Rec. DC	S2944 ▲	F72T12/D35/HO	Neutral White	3500	70	12000	6650	72	69 15/16	15	12, 13
			S6673 ▲	F72T12/CW/HO	Cool White	4200	62	12000	6250	72	69 15/16	15	12, 13
			S6460 ▲	F72T12/D/HO	Daylight	6500	76	12000	5550	72	69 15/16	15	12, 13
100	T12	Rec. DC	S6674 ▲	F84T12/CW/HO	Cool White	4200	62	12000	7550	84	81 15/16	15	12, 13
			S6461 ▲	F84T12/D/HO	Daylight	6500	76	12000	6700	84	81 15/16	15	12, 13
110	T12	Rec. DC	S6676 ▲	F96T12/CW/HO/CT	Cool White	4200	62	12000	8600	96	93 15/16	15	10, 12, 13
			Shatter Proof S6589 ▲	F96T12/CW/HO/CT/TF	Cool White	4200	62	12000	8600	96	93 15/16	15	9, 10, 12, 13
			S2946 ▲	F96T12/DSGN50/HO	Natural Light	5000	90	12000	6450	96	93 15/16	15	12, 13
			S6462 ▲	F96T12/D/HO/CT	Daylight	6500	76	12000	7600	96	93 15/16	15	10, 12, 13

T12 HO Very High Output (1500 mA) Rapid Start Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
115	T12	Rec. DC	S6463 ▲	F48T12/CW/VHO	Cool White	4200	62	10000	6600	48	45 15/16	30	12, 13
			S6595 ▲	F48T12/CW/VHO/TF	Cool White	4200	62	20000	7400	48	45 15/16	30	12, 13
160	T12	Rec. DC	S6466 ▲	F72T12/CW/VHO	Cool White	4200	62	10000	10600	72	70	15	12, 13
195	T12	Rec. DC	S6467 ▲	F96T12/CW/VHO/SS	Cool White	4200	62	10000	13000	96	93 15/16	15	12, 13
215	T12	Rec. DC	S6677 ▲	F96T12/CW/VHO	Cool White	4200	62	10000	14000	96	93 15/16	15	12, 13
			Shatter Proof S6590 ▲	F96T12/CW/VHO/TF	Cool White	4200	62	10000	14000	96	93 15/16	15	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



T5
Mini Bi Pin



T8
Med. Bi Pin



T12
Med. Bi Pin

Specialty Fluorescent Lamps

T8 and T12 Lamps for Plant and Aquarium Purposes*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
15	T8	Med. Bi Pin	S6888 ▲	F15T8/GRO/AQ/RP	Purple	–	66	7500	325	18	17 ¾	6	12, 13
20	T12	Med. Bi Pin	S6889 ▲	F20/GRO/AQ/RP	Purple	–	66	9000	480	24	23 ¾	6	12, 13
40	T12	Med. Bi Pin	S6892 ▲	F40/GRO/AQ/RP	Purple	–	66	20000	1200	48	47 ¾	6	12, 13
			S6893 ▲	F40/GRO/AQ/WS/RP	Pink	3400	89	20000	1700	48	47 ¾	6	8, 12, 13

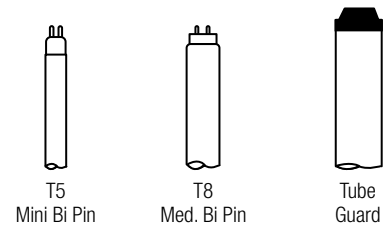
Blacklight Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
4	T5	Mini. Bi Pin	S2904 ■	F4T5/BL	Black Light	5000	6	6	5 15/16	1	12, 13
6	T5	Mini. Bi Pin	S2905 ■	F6T5/BL	Black Light	5000	9	9	8 15/16	1	12, 13
15	T8	Med. Bi Pin	S4574 ■	F15T8/BL	Black Light	7500	18	18	17 ¾	1	12, 13
20	T12	Med. Bi Pin	S2925 ▲	F20T12/350BL	Black Light	9000	24	24	23 ¾	24	12, 13
22	T12	Med. Bi Pin	S6874 ▲	F15"T12/350BL/500/PH	Black Light	–	15	15	17 ¾	30	12, 13
25	T8	Med. Bi Pin	S6875 ▲	F25T8/350BL/18"	Black Light	–	18	18	17 ¾	24	12, 13
30	T8	Med. Bi Pin	S6876 ▲	F30T8/350BL	Black Light	7500	36	36	35 ¾	24	12, 13
32	T12	Med. Bi Pin	S6877 ▲	F18"T12/350BL/700/PH	Black Light	–	18	18	17 ¾	30	12, 13
40	T12	Med. Bi Pin	S2926 ▲	F40/350BL	Black Light	20000	48	48	47 ¾	30	12, 13

Blacklight Blue Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Color	Avg. Rated Hours	Initial Lumens	Nominal Length Inches	M.O.L. Inches	Carton	Notes
4	T5	Mini. Bi Pin	S6405 ■	F4T5/BLB	Blk. Lt. Blue	5000	6	6	5 15/16	25	12, 13
6	T5	Mini. Bi Pin	S2907 ■	F6T5/BLB	Blk. Lt. Blue	5000	9	9	8 15/16	25	12, 13
8	T5	Mini. Bi Pin	S6406 ■	F8T5/BLB	Blk. Lt. Blue	5000	12	12	11 15/16	25	12, 13
15	T8	Med. Bi Pin	S6407 ■	F15T8/BLB	Blk. Lt. Blue	7500	18	18	17 ¾	25	12, 13
20	T12	Med. Bi Pin	S6408 ■	F20T12/BLB	Blk. Lt. Blue	9000	24	24	23 ¾	25	12, 13
40	T12	Med. Bi Pin	S6409 ▲	F40/BLB/RP	Blk. Lt. Blue	20000	48	48	47 ¾	6	12, 13

* Shatter Proof is available on all Fluorescent Lamps.



Germicidal Preheat Lamps*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Avg. Rated Hours	Nominal Length Inches	M.O.L. Inches	Carton	Notes
8	T5	Mini. Bi Pin	S6885 ■	G8T5	8000	12	11 15/16	24	7
15	T8	Med. Bi Pin	S6886 ■	G15T8	7500	18	17 3/4	24	7
30	T8	Med. Bi Pin	S6887 ■	G30T8	7500	36	35 3/4	24	7

Polycarbonate Tube Guards With End Caps

Type	Satco Prod. #	Lamp Code	Description	Length Inches	Carton
FG40	S7870 ■	FG40 TUBEGUARD	FG40 TUBEGUARD 4FT T12	48	24#
FG408	S7997 ■	FG408 TUBEGUARD	FG408 TUBEGUARD 4FT T8	48	24#
FG96	S7966 ■	FG96 TUBEGUARD	FG96 TUBEGUARD 8FT T12	96	24#
FG968	S7967 ■	FG968 TUBEGUARD	FG968 TUBEGUARD 8FT T8	96	24#
FG405	S7994 ■	FG405 TUBEGUARD NON HO	FG405 TUBEGUARD 4FT T5 NON HO	48	50#

#Full case purchase only.

Lighting Product Recycling Program – Drop Ship Program

Satco Prod. #	Lamp Code	Size Inches
4SBAKPAK ■	4ft. Lamp Recycling Small Corrugated Box / Holds (32) T8 – (18) T12 (4ft. Lamps)	7 1/2 x 6 x 48
4BAKPAK ■	4ft. Lamp Recycling Standard Corrugated Box / Holds (100) T8 – (50) T12 (4ft. Lamps)	13 1/2 x 7 3/4 x 48
8BAKPAK ■	8ft. Lamp Recycling Standard Corrugated Box / Holds (60) T8 – (30) T12 (8ft. Lamps)	10 1/2 x 8 x 94 1/4
MULTIBAKPAK ■	Miscellaneous Lamp Recycling Corrugated Box / (Holds U's, HID's, Biax, etc.)	25 x 15 x 23
COMBAKPAK ■	5 Gallon Pail / Holds 70lbs. (Up to 90 CFLs)	11 x 14
BALBAKPAK ■	5 Gallon Pail / Holds 70lbs. Lighting Ballasts	11 x 14
BAKPAKBATTERIES ■	5 Gallon Pail / Holds 70lbs. Batteries (Battery Types: Alkaline, Ni-Cad, Nickel Metal Hydride, Lithium Ion, Zinc Carbon, Mercuric Oxide, Silver Oxide, Button Cell)	11 x 14

* Shatter Proof is available on all Fluorescent Lamps.

General Fluorescent Notes

- = Product by a manufacturer other than Satco
- ▲ = Product by one of the Primary lamp manufacturers
- † = To be discontinued when inventory is depleted due to legislation requirements.

Due to the fragile nature of fluorescent tubes, please discuss shipping issues, and packing charges for all fluorescent lamps 48" or longer. Some items can only be shipped in full cases.

ECO and ENV fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states. TCLP test results are available upon request. Lamp disposal regulations may vary, check your local and state regulations. For more information, please visit lamprecycle.org. At this time, much of the fluorescent product line is transitioning from non-ECO product to ECO product, if this is a critical issue for your application, call customer service to confirm ECO availability.

Fluorescent Notes

- 1 The UV radiation of Black Light excites the fluorescent paints, fabrics, and other materials used for theatrical special effects. Black Light lamps are also used in bars and restaurants for lighting effects. Black Light lamps are also used in Bug Zappers, and by Pest Control professionals.

CAUTION: This lamp emits ultraviolet (UV) power during operation and is in Risk Group 1 per ANSI/IESNA RP-27.3-96. Exposure at less than 0.25 meters (10 inches) should be limited; for example exposure at 0.14m (6 inches) should not exceed 4 hours in an 8 hour interval (see ANSI/IESNA RP-27.1-96). Certain medications and chemicals can increase an individual's sensitivity. Consult your physician for specific information. Protective eyewear should be worn in occupational situations involving long term exposure in close proximity to the lamp. This lamp is not intended and should not be used for diagnostic, therapeutic or cosmetic purposes.

- 2 Black Light Blue is similar to Black Light, but with a filter in the glass to filter out visible light. Used by psychedelic shops for lighting fluorescent posters, displays, etc. In the theatre Black Light Blue is used where only fluorescent materials in clothing and objects, most white clothing, teeth, and whites of the eye, are desired for effect. These are often used in bars, restaurants, bowling alleys, and mini golf venues to achieve similar effects.

CAUTION: This lamp emits ultraviolet (UV) power during operation and is in Risk Group 1 per ANSI/IESNA RP-27.3-96. Exposure at less than 0.25 meters (10 inches) should be limited; for example exposure at 0.14m (6 inches) should not exceed 4 hours in an 8 hour interval (see ANSI/IESNA RP-27.1-96). Certain medications and chemicals can increase an individual's sensitivity. Consult your physician for specific information. Protective eyewear should be worn in occupational situations involving long term exposure in close proximity to the lamp. This lamp is not intended and should not be used for diagnostic, therapeutic or cosmetic purposes.

3 Fluorescent T8 Appliance Lamp Cross References

Satco	Sylvania	Phillips	GE
S6513	F18T8CW/K24	F15T8/CW/24	F24"T8/CW/4
S6514	F18T8CW/K26	F16T8/CW/26	F26"T8/CW/4
S6515	F18T8CW/K28	F17T8/CW/28	F28"T8/CW/4
S6516	F18T8CW/K30	F18T8/CW/30	F30"T8/CW/4

- 4 Rated life of T8 lamps when used on Rapid Start or Programmed Rapid Start ballasts based on 3 hours per cycle. When used on Instant Start ballasts, hours are 24,000 based on 3 hours per cycle. At 12 hours per cycle, life is 36,000 hours on Rapid Start or Programmed Rapid Start ballasts and 30,000 on Instant Start ballasts.
- 5 Due to their small diameter, T2 mini fluorescent lamps operate at higher surface temperatures than other fluorescent lamps. To avoid possible burns, do not touch the lamp during operation and allow sufficient cooling time before removing the lamp from the fixture. The typical bulb wall temperature during operation is 120° at the ends. The maximum allowable bulb wall temperature is 150° C.
- 6 The F34 and FB34 lamps were previously known as energy saving F40, and FB40 lamps. Not intended for use: (1) at lamp ambient temperatures below 60° F or in drafty locations, (2) on low power factor ballasts, (3) reduced current/reduced light output ballasts, (4) dimming ballasts, or (5) on inverter operated emergency lighting systems unless any of the above equipment is specifically listed for use with 34 watt lamps.
- 7 **▲WARNING:** To prevent possible serious injury, eye and skin should not be exposed to direct or reflected ultraviolet power emitted by this lamp. This lamp is in Risk Group 3 per ANSI/IESNA RP-27.3-96. Adequate protection should be provided by clothing, gloves, opaque materials, and ordinary window glass. Although this lamp will operate in standard fluorescent fixtures, it should not be used for general lighting applications.
- 8 Grow Light wide spectrum lamps are also used for retail meat case applications.
- 9 **ShatterProof** lamps are designed for any application where lamps are at risk of being broken. The rubber coating will contain the glass particles and phosphors should the lamp break, keeping it from falling into food, or elsewhere. Many jurisdictions now require the use of coated lamps in all food preparation and service areas. This coating also has the added benefit of blocking all UV emissions from 100 to 380 nanometers, common to fluorescent technology.
- 10 Labeled for cold temperature (below 60°F) operation only per EPACT.
- 11 The average rated hours are based on 3 hours per start when used on an instant start ballast meeting ANSI specifications. The average hours will increase when operated on longer operating cycles.
- 12 Initial lumens are measured after 100 hours of operation.
- 13 Consult the ballast manufacturer for minimum starting temperature, which is a function of the ballast.

Lamps that keep on saving.

Compact fluorescent lamps have become one of the most popular lamp types available. With lumen output similar to that of incandescent lamps, but only using about one quarter of the wattage, it's easy to see why. Satco carries hundreds of variations of high quality, energy efficient compact fluorescent lamps from 5W mini spirals, to decorative types, to our HI-PRO high-wattage spirals suitable for almost any commercial application.

There's also a wide selection of twin, triple, and quad tube pin-based lamps in the Satco/Hygrade™ family. For sure, Satco has a CFL for virtually every lighting application.

CFL features:

- Lamps from 5 to 105 Watts
- Complete choice of color temperatures
- Energy efficient – uses up to 75% less energy than incandescent technology
- Long life – up to 12,000 hours
- Excellent color rendering
- Lamps for consumer and industrial use
- Environmentally friendly – low Mercury
- Virtually all industry standard base types available





Nuvo Lighting's Harlow five light chandelier in Hazel Bronze with Khaki fabric shades. Nuvo item number 60-4725. www.nuvolighting.com

Energy efficient bulbs are recommended in five of the most used residential fixtures or locations – kitchen, living room, bathroom, bedroom, and outdoor. Since these areas of the home have the highest energy use for lighting, these “high five” are good places to start, with plenty of options to suit most applications.

Nuvo Lighting's Odeon five light chandelier in Brushed Nickel with Satin White glass. Nuvo item number 60-3806. www.nuvolighting.com



COMPACT FLUORESCENT



Mini Spiral
Med.

T2 Ultra Mini Spiral – 4 Bulb Value Pack - Suitable for enclosed fixtures

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
13	Mini Spiral	Med.	S6235	60W	13T2/27	120	2700	82	12000	900	4 1/8	1 13/16	Box	12- 4pks
			S6238	60W	13T2/35	120	3500	82	12000	900	4 1/8	1 13/16	Box	12- 4pks
			S6236	60W	13T2/41	120	4100	82	12000	880	4 1/8	1 13/16	Box	12- 4pks
			S6237	60W	13T2/50	120	5000	82	12000	880	4 1/8	1 13/16	Box	12- 4pks
			S5549	60W	13T2/50	120	5000	82	12000	880	4 1/8	1 13/16	Clamshell	24- 4pks

T2 Ultra Mini Spiral – 3 Bulb Value Pack - Suitable for enclosed fixtures

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
18	Mini Spiral	Med.	S6271	75W	18T2/27	120	2700	82	12000	1140	4 1/2	2 1/8	Box	12- 3pks
			S5541	75W	18T2/27	120	2700	82	12000	1140	4 1/2	2 1/8	Clamshell	24- 3pks
			S6272	75W	18T2/41	120	4100	82	10000	1200	4 1/2	2 1/8	Box	12- 3pks
			S6273	75W	18T2/50	120	5000	82	10000	1200	4 1/2	2 1/8	Box	12- 3pks
			S5543	75W	18T2/50	120	5000	82	10000	1200	4 1/2	2 1/8	Clamshell	24- 3pks
23	Mini Spiral	Med.	S6274	100W	23T2/27	120	2700	82	12000	1600	4 7/8	2 1/8	Box	12- 3pks
			S5544	100W	23T2/27	120	2700	82	12000	1600	4 7/8	2 1/8	Clamshell	24- 3pks
			S6284	100W	23T2/35	120	3500	82	12000	1600	4 7/8	2 1/8	Box	12- 3pks
			S6275	100W	23T2/41	120	4100	82	12000	1600	4 7/8	2 1/8	Box	12- 3pks
			S6276	100W	23T2/50	120	5000	82	12000	1600	4 7/8	2 1/8	Box	12- 3pks
			S5546	100W	23T2/50	120	5000	82	12000	1600	4 7/8	2 1/8	Clamshell	24- 3pks

T2 Ultra Mini Spiral – 8 Bulb Value Pack - Suitable for enclosed fixtures

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
13	Mini Spiral	Med.	S6277	60W	13T2/27	120	2700	82	12000	900	4 1/8	1 13/16	Box	18- 8pks
18	Mini Spiral	Med.	S6278	75W	18T2/27	120	2700	82	12000	1140	4 1/2	2 1/8	Box	15- 8pks
23	Mini Spiral	Med.	S6279	100W	23T2/27	120	2700	82	12000	1600	4 7/8	2 1/8	Box	15- 8pks



Mini Spiral
Cand.



Mini Spiral
Med.

Screw In Lamps

T2 Ultra Mini Spiral Lamps - Suitable for enclosed fixtures

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
5	Mini Spiral	Cand.	S7264	25W	5T2C/27	120	2700	82	10000	280	3 7/16	1 3/8	Box	48/12
			S7265	25W	5T2C/41	120	4100	82	10000	280	3 7/16	1 3/8	Box	48/12
			S7266	25W	5T2C/50	120	5000	82	10000	280	3 7/16	1 3/8	Box	48/12
	Med.	S7261	25W	5T2/27	120	2700	82	10000	280	3 7/16	1 3/8	Box	48/12	
		S5501	25W	5T2/27	120	2700	82	10000	280	3 7/16	1 3/8	Clamshell	24/6	
		S7262	25W	5T2/41	120	4100	82	10000	280	3 7/16	1 3/8	Box	48/12	
		S7263	25W	5T2/50	120	5000	82	10000	280	3 7/16	1 3/8	Box	48/12	
		S5503	25W	5T2/50	120	5000	82	10000	280	3 7/16	1 3/8	Clamshell	24/6	
9	Mini Spiral	Cand.	S7361	40W	9T2C/27	120	2700	82	12000	550	4	1 9/16	Box	48/12
			S7362	40W	9T2C/41	120	4100	82	12000	550	4	1 9/16	Box	48/12
			S7363	40W	9T2C/50	120	5000	82	10000	570	4	1 9/16	Box	48/12
	Med.	S7211	40W	9T2/27	120	2700	82	12000	550	4	1 9/16	Box	48/12	
		S5504	40W	9T2/27	120	2700	82	12000	550	4	1 9/16	Clamshell	24/6	
		S7212	40W	9T2/41	120	4100	82	12000	550	4	1 9/16	Box	48/12	
		S7213	40W	9T2/50	120	5000	82	10000	570	4	1 9/16	Box	48/12	
		S5506	40W	9T2/50	120	5000	82	10000	570	4	1 9/16	Clamshell	24/6	
11	Mini Spiral	Med.	S7214	40W	11T2/27	120	2700	82	10000	730	4	1 13/16	Box	48/12
			S5507	40W	11T2/27	120	2700	82	10000	730	4	1 13/16	Clamshell	24/6
			S7215	40W	11T2/41	120	4100	82	10000	730	4	1 13/16	Box	48/12
			S7216	40W	11T2/50	120	5000	82	10000	730	4	1 13/16	Box	48/12
			S5509	40W	11T2/50	120	5000	82	10000	730	4	1 13/16	Clamshell	24/6
13	Mini Spiral	Cand.	S7364	60W	13T2C/27	120	2700	82	12000	900	4 1/8	1 13/16	Box	48/12
			S7365	60W	13T2C/41	120	4100	82	12000	880	4 1/8	1 13/16	Box	48/12
			S7366	60W	13T2C/50	120	5000	82	12000	880	4 1/8	1 13/16	Box	48/12
	Med.	S7411	60W	13T2/27/230V	230	2700	82	12000	900	4 1/4	1 13/16	Box	48/12	
		S7412	60W	13T2/50/230V	230	5000	82	12000	880	4 1/4	1 13/16	Box	48/12	
		S7217	60W	13T2/27	120	2700	82	12000	900	4 1/8	1 13/16	Box	48/12	
		S7268	60W	13T2/27/12V	12	2700	82	10000	710	4 1/8	1 13/16	Box	48/12	
		S5516	60W	13T2/27	120	2700	82	12000	900	4 1/8	1 13/16	Clamshell	24/6	
		S7218	60W	13T2/41	120	4100	82	12000	880	4 1/8	1 13/16	Box	48/12	
		S7219	60W	13T2/50	120	5000	82	12000	880	4 1/8	1 13/16	Box	48/12	
S5518	60W	13T2/50	120	5000	82	12000	880	4 1/8	1 13/16	Clamshell	24/6			

† To be discontinued when inventory is depleted.



Mini Spiral
Med.

T2 Ultra Mini Spiral Lamps (continued) - Suitable for enclosed fixtures

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
15	Mini Spiral	Med.	S5519	75W	15T2/27	120	2700	82	12000	1100	4 3/8	2 1/8	Clamshell	24/6
			S7221	75W	15T2/27	120	2700	82	12000	1100	4 3/8	2 1/8	Box	48/12
			S7222	75W	15T2/41	120	4100	82	10000	1100	4 3/8	2 1/8	Box	48/12
			S7223	75W	15T2/50	120	5000	82	10000	1100	4 3/8	2 1/8	Box	48/12
18	Mini Spiral	Med.	S7413	75W	18T2/27/230V	230	2700	82	12000	1200	4 5/8	2 1/8	Box	48/12
			S7417	75W	18T2/50/230V	230	5000	82	12000	1200	4 5/8	2 1/8	Box	48/12
			S5523	75W	18T2/27	120	2700	82	12000	1140	4 1/2	2 1/8	Clamshell	24/6
			S7224	75W	18T2/27	120	2700	82	12000	1140	4 1/2	2 1/8	Box	48/12
			S7225	75W	18T2/41	120	4100	82	10000	1200	4 1/2	2 1/8	Box	48/12
			S5525	75W	18T2/50	120	5000	82	10000	1200	4 1/2	2 1/8	Clamshell	24/6
			S7226	75W	18T2/50	120	5000	82	10000	1200	4 1/2	2 1/8	Box	48/12
20	Mini Spiral	Med.	S5401	75W	20T2/27	120	2700	82	12000	1330	4 7/16	2 1/8	Clamshell	24/6
			S7234	75W	20T2/27	120	2700	82	12000	1330	4 7/16	2 1/8	Box	48/12
			S7235	75W	20T2/41	120	4100	82	10000	1300	4 7/16	2 1/8	Box	48/12
			S7236	75W	20T2/50	120	5000	82	10000	1300	4 7/16	2 1/8	Box	48/12
23	Mini Spiral	Med.	S5526	100W	23T2/27	120	2700	82	12000	1600	4 7/8	2 1/8	Clamshell	24/6
			S7227	100W	23T2/27	120	2700	82	12000	1600	4 7/8	2 1/8	Box	48/12
			S7228	100W	23T2/41	120	4100	82	12000	1600	4 7/8	2 1/8	Box	48/12
			S5528	100W	23T2/50	120	5000	82	12000	1600	4 7/8	2 1/8	Clamshell	24/6
			S7229	100W	23T2/50	120	5000	82	12000	1600	4 7/8	2 1/8	Box	48/12
26	Mini Spiral	Med.	S7418	100W	26T2/27/230V	230	2700	82	12000	1750	5 3/16	2 1/8	Box	48/12
			S7414	100W	26T2/50/230V	230	5000	82	12000	1750	5 3/16	2 1/8	Box	48/12
			S5529	100W	26T2/27	120	2700	82	12000	1750	5 1/16	2 1/8	Clamshell	24/6
			S7231	100W	26T2/27	120	2700	82	12000	1750	5 1/16	2 1/8	Box	48/12
			S7232	100W	26T2/41	120	4100	82	10000	1750	5 1/16	2 1/8	Box	48/12
			S5532	100W	26T2/50	120	5000	82	10000	1750	5 1/16	2 1/8	Clamshell	24/6
			S7233	100W	26T2/50	120	5000	82	10000	1750	5 1/16	2 1/8	Box	48/12

† To be discontinued when inventory is depleted.



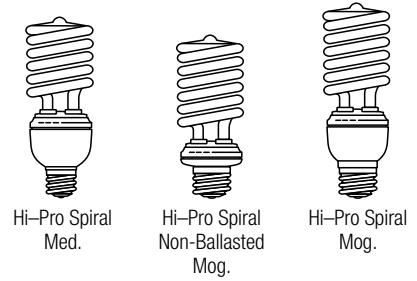
Hi-Pro Spiral
Med.



Hi-Pro Spiral
Mog.

Hi-Pro Spiral / Med. and Mog. Base

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
32	Hi-Pro Spiral	Med.	S7331	100W	32T4/27	120	2700	82	10000	2000	6 3/4	2 5/8	Box	48/12
			S7332	100W	32T4/41	120	4100	82	10000	2000	6 3/4	2 5/8	Box	48/12
			S7423	125W	32T4/41	277	4100	82	10000	2000	6 3/4	2 5/8	Box	48/12
			S7333	100W	32T4/50	120	5000	82	10000	2000	6 3/4	2 5/8	Box	48/12
			S7425	125W	32T4/50	277	5000	82	10000	2000	6 3/4	2 5/8	Box	48/12
			Mog.	S7424	125W	32T4/41	277	4100	82	10000	2000	6 15/16	2 5/8	Box
	S7426	125W		32T4/50	277	5000	82	10000	2000	6 15/16	2 5/8	Box	48/12	



Hi-Pro Spiral / Med. and Mog. Base (continued)

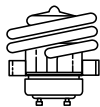
Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton		
40	Hi-Pro Spiral	Med.	S7334	150W	40T4/27	120	2700	82	10000	2600	7 5/16	2 5/8	Box	48/12		
			S7335	150W	40T4/41	120	4100	82	10000	2600	7 5/16	2 5/8	Box	48/12		
			S7427	150W	40T4/41	277	4100	82	10000	2600	7 5/16	2 5/8	Box	48/12		
			S7336	150W	40T4/50	120	5000	82	10000	2600	7 5/16	2 5/8	Box	48/12		
		Mog.	S7429	150W	40T4/50	277	5000	82	10000	2600	7 5/16	2 5/8	Box	48/12		
			S7428	150W	40T4/41	277	4100	82	10000	2600	7 1/2	2 5/8	Box	48/12		
			S7430	150W	40T4/50	277	5000	82	10000	2600	7 1/2	2 5/8	Box	48/12		
			S7337	300W	55T5/27	120	2700	82	10000	3700	9 5/8	3 1/8	Box	48/12		
55	Hi-Pro Spiral	Med.	S7338	300W	55T5/41	120	4100	82	10000	3700	9 5/8	3 1/8	Box	48/12		
			S7339	300W	55T5/50	120	5000	82	10000	3700	9 5/8	3 1/8	Box	48/12		
			S7384	300W	65T5/27	120	2700	82	10000	4300	9 7/16	3 9/16	Box	48/12		
65	Hi-Pro Spiral	Med.	S7385	300W	65T5/41	120	4100	82	10000	4300	9 7/16	3 9/16	Box	48/12		
			S7386	300W	65T5/50	120	5000	82	10000	4300	9 7/16	3 9/16	Box	48/12		
			Mog.	S7387	300W	65T5/27	120	2700	82	10000	4300	9 7/8	3 9/16	Box	48/12	
				S7388	300W	65T5/41	120	4100	82	10000	4300	9 7/8	3 9/16	Box	48/12	
		S7389		300W	65T5/50	120	5000	82	10000	4300	9 7/8	3 9/16	Box	48/12		
		Non-ballasted Mog.		S7379	250W	65T5/65	120	6500	82	10000	3900	8 9/16	3 9/16	Box	48/12	
		85	Hi-Pro Spiral	Med.	S7397	350W	85T5/27	120	2700	82	10000	5700	9 5/16	4	Box	12/6
					S7398	350W	85T5/41	120	4100	82	10000	5700	9 5/16	4	Box	12/6
S7399	350W				85T5/50	120	5000	82	10000	5700	9 5/16	4	Box	12/6		
Mog.	S7391				350W	85T5/27	120	2700	82	10000	5700	10 1/2	4	Box	12/6	
	S7392			350W	85T5/41	120	4100	82	10000	5700	10 1/2	4	Box	12/6		
	S7393			350W	85T5/50	120	5000	82	10000	5700	10 1/2	4	Box	12/6		
	105			Hi-Pro Spiral	Med.	S7375	400W	105T5/27	120	2700	82	10000	7000	10 3/4	4	Box
S7376						400W	105T5/41	120	4100	82	10000	7000	10 3/4	4	Box	12/6
S7377		400W	105T5/50			120	5000	82	10000	7000	10 3/4	4	Box	12/6		
Mog.		S7394	400W		105T5/27	120	2700	82	10000	7000	11 1/4	4	Box	12/6		
		S7395	400W		105T5/41	120	4100	82	10000	7000	11 1/4	4	Box	12/6		
		S7415	400W		105T5/41/277	277	4100	82	10000	7000	11 1/4	4	Box	12/6		
S7396	400W	105T5/50	120	5000	82	10000	7000	11 1/4	4	Box	12/6					
S7416	400W	105T5/50/277	277	5000	82	10000	7000	11 1/4	4	Box	12/6					



3-Way Spiral
Med.



Mini Spiral
GU24 Base



Squat Spiral
GU24 Base

3-Way Spiral

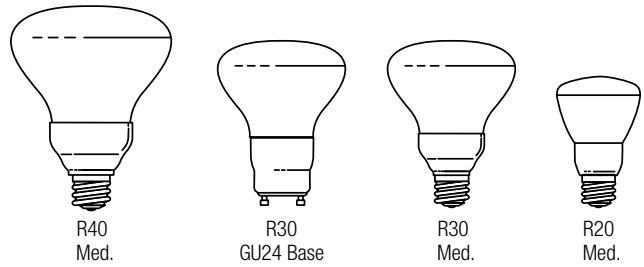
Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
12/20/26	Spiral	Med.	S7341	30/70/100W	12/20/26T4/27	120	2700	82	10000	660/1200/1600	6	2 3/8	Box	48/12
			S7342	30/70/100W	12/20/26T4/41	120	4100	82	10000	660/1200/1600	6	2 3/8	Box	48/12
			S7343	30/70/100W	12/20/26T4/50	120	5000	82	10000	660/1200/1600	6	2 3/8	Box	48/12

GU24 Base Mini & Squat Spiral

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/ Inner Carton
9	Mini Spiral	GU24	S8201	40W	9GU24/27	120	2700	82	10000	500	3 7/16	1 9/16	Box	48/12
11	Mini Spiral	GU24	S8202	40W	11GU24/27	120	2700	82	10000	650	3 7/16	1 13/16	Box	48/12
13	Mini Spiral	GU24	S5301	60W	13GU24/27	120	2700	82	10000	800	3 5/8	1 13/16	Clamshell	24/6
			S8203 Δ	60W	13GU24/27	120	2700	82	10000	800	3 5/8	1 13/16	Box	48/12
			S8226	60W	13T2GU24/35	120	3500	82	10000	900	3 5/8	1 13/16	Box	48/12
			S8208	60W	13T2GU24/41	120	4100	82	10000	880	3 5/8	1 13/16	Box	48/12
	Squat Spiral	GU24	S8227 Δ	60W	13T2GU24/27/Squat	120	2700	82	10000	850	2 1/2	2 3/4	Box	48/12
15	Mini Spiral	GU24	S8204	60W	15GU24/27	120	2700	82	10000	1000	3 7/8	2 1/8	Box	48/12
18	Mini Spiral	GU24	S5302	75W	18GU24/27	120	2700	82	10000	1200	4 1/2	2 1/8	Clamshell	24/6
			S8205 Δ	75W	18GU24/27	120	2700	82	10000	1200	4 1/2	2 1/8	Box	48/12
			S8229	75W	18GU24/35	120	3500	82	10000	1200	4 5/8	2 1/8	Box	48/12
			S8209	75W	18GU24/41	120	4100	82	10000	1200	4 1/16	2 1/8	Box	48/12
				Squat Spiral	GU24	S8228 Δ	75W	18T2GU24/27/Squat	120	2700	82	10000	1100	2 13/16
23	Mini Spiral	GU24	S8206	100W	23GU24/27	120	2700	82	10000	1600	4 15/16	2 1/8	Box	48/12
			S8232	100W	23GU24/35	120	3500	82	10000	1600	4 15/16	2 1/8	Box	48/12
			S8210	100W	23GU24/41	120	4100	82	10000	1600	4 7/16	2 1/8	Box	48/12
26	Mini Spiral	GU24	S8207	120W	26GU24/27	120	2700	82	10000	1750	5 3/16	2 1/8	Box	48/12
			S8233	120W	26GU24/35	120	3500	82	10000	1750	5 3/16	2 1/8	Box	48/12

Δ Certified Subcomponent Database (CSD) Listed.

COMPACT FLUORESCENT



R20 Reflector

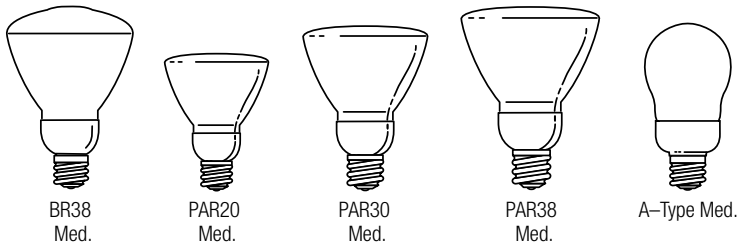
Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
5	R20	Med.	S7257	30W	5R20/27	120	2700	82	10000	260	3 7/8	2 ½	Box	24/6
			S7258	30W	5R20/41	120	4100	82	10000	260	3 7/8	2 ½	Box	24/6
			S7259	30W	5R20/50	120	5000	82	10000	260	3 7/8	2 ½	Box	24/6
11	R20	Med.	S7254	40W	11R20/27	120	2700	82	10000	350	4 7/16	2 ½	Box	24/6
			S7255	40W	11R20/41	120	4100	82	10000	330	4 7/16	2 ½	Box	24/6
			S7256	40W	11R20/50	120	5000	82	10000	330	4 7/16	2 ½	Box	24/6
13	R20	Med.	S7401	45W	13R20/27	120	2700	82	10000	430	4 5/8	2 ½	Box	24/6
			S7402	45W	13R20/41	120	4100	82	10000	430	4 5/8	2 ½	Box	24/6
			S7403	45W	13R20/50	120	5000	82	10000	430	4 5/8	2 ½	Box	24/6

R30 Reflector

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
15	R30	Med.	S7247	65W	15R30/27	120	2700	82	10000	700	5 3/8	3 ¾	Box	24/6
			S7248	65W	15R30/41	120	4100	82	10000	700	5 3/8	3 ¾	Box	24/6
			S7249	65W	15R30/50	120	5000	82	10000	700	5 3/8	3 ¾	Box	24/6
			S7278	65W	15R30/27/2PK	120	2700	82	10000	700	5 3/8	3 ¾	Box	24/2
		GU24	S8224	65W	15R30/27/GU24	120	2700	82	10000	690	4 ¾	3 ¾	Box	24/6

R40 Reflector

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
23	R40	Med.	S7241	85W	23R40/27	120	2700	82	10000	1090	6 ½	5	Box	24/6
			S7242	85W	23R40/41	120	4100	82	10000	1090	6 ½	5	Box	24/6
			S7243	85W	23R40/50	120	5000	82	10000	1090	6 ½	5	Box	24/6



BR38 Reflector (U.L. Wet Location)

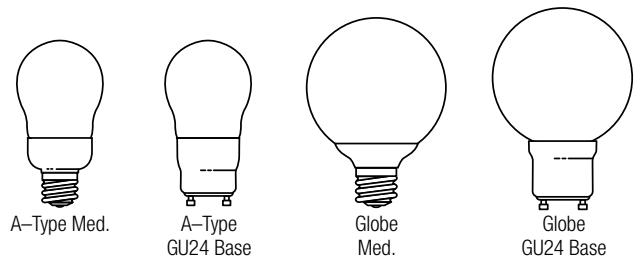
Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
23	BR38	Med.	S7274	85W	23BR38/27	120	2700	82	10000	1070	6 ½	4 ¾	Box	24/6
			S7275	85W	23BR38/41	120	4100	82	10000	1070	6 ½	4 ¾	Box	24/6
			S7276	85W	23BR38/50	120	5000	82	10000	1070	6 ½	4 ¾	Box	24/6

PAR Lamps (U.L. Wet Location)

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
11	PAR20	Med.	S7421	45W	11PAR20/27/230V	230	2700	82	10000	380	4	2 ½	Box	12/6
			S7207	50W	11PAR20/27	120	3500	82	10000	380	3 7/8	2 ½	Box	12/6
			S7208	50W	11PAR20/41	120	4100	82	10000	380	3 7/8	2 ½	Box	12/6
			Shatter Proof S7238	50W	11PAR20/41	120	4100	82	10000	380	3 7/8	2 ½	Box	12/6
			S7209	50W	11PAR20/50	120	5000	82	10000	380	3 7/8	2 ½	Box	12/6
15	PAR30	Med.	S7204	50W	15PAR30/27	120	2700	82	10000	700	4 5/8	3 ¾	Box	12/6
			S7294	50W	15PAR30/35	120	3500	82	10000	700	4 5/8	3 ¾	Box	12/6
			S7205	50W	15PAR30/41	120	4100	82	10000	720	4 5/8	3 ¾	Box	12/6
			Shatter Proof S7237	50W	15PAR30/41	120	4100	82	10000	720	4 5/8	3 ¾	Box	12/6
23	PAR38	Med.	S7432	75W	23PAR38/27/230V	230	2700	82	10000	1100	5 3/16	4 ¾	Box	12/6
			S7422	75W	23PAR38/50/230V	230	5000	82	10000	1100	5 3/16	4 ¾	Box	12/6
			S7201	75W	23PAR38/27	120	2700	82	10000	1100	5 1/16	4 ¾	Box	12/6
			S7279	75W	23PAR38/27/2PK	120	2700	82	10000	1100	5 1/16	4 ¾	Box	12/2
			S7202	75W	23PAR38/41	120	4100	82	10000	1100	5 1/16	4 ¾	Box	12/6
S7203	75W	23PAR38/50	120	5000	82	10000	1100	5 1/16	4 ¾	Box	12/6			

A-Type Lamps

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
7	A-Type	Med.	S7281	25W	7A19/27	120	2700	82	12000	410	4 ¼	2 1/8	Box	48/12
			S7282	25W	7A19/41	120	4100	82	10000	400	4 ¼	2 1/8	Box	48/12
			S7283	25W	7A19/50	120	5000	82	10000	400	4 ¼	2 1/8	Box	48/12

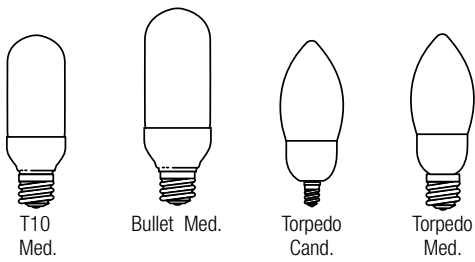


A-Type Lamps (continued)

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
9	A-Type	Med.	S5568	40W	9A19/27	120	2700	82	6000	450	4 3/16	2 3/16	Clamshell	24/6
			S7284	40W	9A19/27	120	2700	82	6000	450	4 3/16	2 7/16	Box	48/12
			S7285	40W	9A19/41	120	4100	82	10000	450	4 3/16	2 7/16	Box	48/12
			S7286	40W	9A19/50	120	5000	82	10000	450	4 3/16	2 7/16	Box	48/12
11	A-Type	Med.	S5572	40W	11A19/27	120	2700	82	10000	540	4 3/16	2 7/16	Clamshell	24/6
			S7287	40W	11A19/27	120	2700	82	10000	540	4 3/16	2 3/16	Box	48/12
			S7288	40W	11A19/41	120	4100	82	10000	540	4 3/16	2 3/16	Box	48/12
			S7289	40W	11A19/50	120	5000	82	10000	540	4 3/16	2 3/16	Box	48/12
15	A-Type	Med.	S5575	60W	15A19/27	120	2700	82	10000	975	4 5/8	2 ¼	Clamshell	24/6
			S7291	60W	15A19/27	120	2700	82	10000	975	4 5/8	2 ¼	Box	48/12
			S7292	60W	15A19/41	120	4100	82	10000	800	4 5/8	2 ¼	Box	48/12
			S7293	60W	15A19/50	120	5000	82	10000	800	4 5/8	2 ¼	Box	48/12
			GU24	S8225	60W	15A19/27/GU24	120	2700	82	10000	800	4 ¾	2 5/8	Box

Globe Lamps

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
9	Globe	Med.	S7301	40W	9G25/27	120	2700	82	10000	540	4 5/16	3 1/8	Box	48/12
			S7302	40W	9G25/41	120	4100	82	10000	500	4 5/16	3 1/8	Box	48/12
			S7303	40W	9G25/50	120	5000	82	10000	500	4 5/16	3 1/8	Box	48/12
15	Globe	Med.	S7304	60W	15G25/27	120	2700	82	10000	820	4 ¾	3 7/16	Box	48/12
			S7305	60W	15G25/41	120	4100	82	10000	820	4 ¾	3 7/16	Box	48/12
			S7306	60W	15G25/50	120	5000	82	10000	820	4 ¾	3 7/16	Box	48/12
			GU24	S8221	60W	15G25/27/GU24	120	2700	82	10000	740	4 ¾	3 5/8	Box

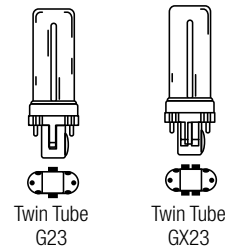


T10 & Bullet Lamps

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
7	T10	Med.	S7381	40W	7T10/27	120	2700	85	10000	340	4 13/16	1 5/16	Box	48/12
			S7382	40W	7T10/41	120	4100	85	10000	340	4 13/16	1 5/16	Box	48/12
			S7383	40W	7T10/50	120	5000	85	10000	340	4 13/16	1 5/16	Box	48/12
15	Bullet	Med.	S7307	60W	EFT15/27	120	2700	82	10000	800	5 ½	1 5/16	Box	48/12
			S7308	60W	EFT15/41	120	4100	82	10000	800	5 ½	1 5/16	Box	48/12
			S7309	60W	EFT15/50	120	5000	82	10000	800	5 ½	1 5/16	Box	48/12
20	Bullet	Med.	S7367	60W	EFT20/28	277	2800	82	10000	1200	6 ½	1 5/16	Box	12/6

Torpedo Lamps

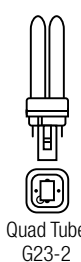
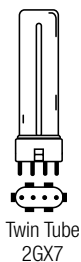
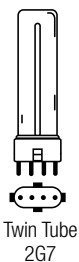
Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	M.O.D. Inches	Pkg. Type	Master/Inner Carton
5	Torpedo	Cand.	S7311	25W	5CTCFL/27	120	2700	82	10000	220	4 5/16	1 ¾	Box	48/12
			S7312	25W	5CTCFL/41	120	4100	82	10000	220	4 5/16	1 ¾	Box	48/12
			S7313	25W	5CTCFL/50	120	5000	82	10000	220	4 5/16	1 ¾	Box	48/12
		Med.	S7314	25W	5ETCFL/27	120	2700	82	10000	220	4 7/16	1 ¾	Box	48/12
			S7315	25W	5ETCFL/41	120	4100	82	10000	220	4 7/16	1 ¾	Box	48/12
7	Torpedo	Cand.	S5595	40W	7CTCFL/27	120	2700	82	10000	340	4 11/16	1 ¾	Clamshell	24/6
			S7327	40W	7CTCFL/27	120	2700	82	10000	340	4 11/16	1 ¾	Box	48/12
			S7318	40W	7CTCFL/41	120	4100	82	10000	340	4 11/16	1 ¾	Box	48/12
		Med.	S7319	40W	7CTCFL/50	120	5000	82	10000	340	4 11/16	1 ¾	Box	48/12
			S5596	40W	7ETCFL/27	120	2700	82	10000	340	4 13/16	1 ¾	Clamshell	24/6
			S7328	40W	7ETCFL/27	120	2700	82	10000	340	4 13/16	1 ¾	Box	48/12
			S7322	40W	7ETCFL/41	120	4100	82	10000	340	4 13/16	1 ¾	Box	48/12
			S7323	40W	7ETCFL/50	120	5000	82	10000	340	4 13/16	1 ¾	Box	48/12



Plug In Lamps

Twin Tube 2-Pin for Magnetic Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Master/Inner Carton
5	T4	G23	S8300	CFS5W/827	120	2700	82	12000	230	4 ½	Hang Box	50
			S6700 ▲	CF5DS/827	120	2700	82	10000	230	4 3/16	Box	50
			S8381	CFS5W/835	120	3500	82	12000	230	4 ½	Hang Box	50
			S8301	CFS5W/841	120	4100	82	12000	230	4 ½	Hang Box	50
			S6701 ▲	CF5DS/841	120	4100	82	10000	230	4 3/16	Box	50
7	T4	G23	S8302	CFS7W/827	120	2700	82	12000	400	5 11/16	Hang Box	50
			S6702 ▲	CF7DS/827	120	2700	82	10000	400	5 5/16	Box	50
			S8303	CFS7W/835	120	3500	82	12000	400	5 11/16	Hang Box	50
			S6703 ▲	CF7DS/835	120	3500	82	10000	400	5 5/16	Box	50
			S8304	CFS7W/841	120	4100	82	12000	400	5 11/16	Hang Box	50
			S6704 ▲	CF7DS/841	120	4100	82	10000	400	5 5/16	Box	50
			S8305	CFS7W/850	120	5000	82	12000	400	5 11/16	Hang Box	50
			S6705 ▲	CF7DS/850	120	5000	82	10000	400	5 5/16	Box	50
9	T4	G23	S8306	CFS9W/827	120	2700	82	12000	580	6 11/16	Hang Box	50
			S6706 ▲	CF9DS/827	120	2700	82	10000	580	6 ½	Box	50
			S8307	CFS9W/835	120	3500	82	12000	580	6 11/16	Hang Box	50
			S6707 ▲	CF9DS/835	120	3500	82	10000	580	6 ½	Box	50
			S8308	CFS9W/841	120	4100	82	12000	580	6 11/16	Hang Box	50
			S6708 ▲	CF9DS/841	120	4100	82	10000	580	6 ½	Box	50
			S8309	CFS9W/850	120	5000	82	12000	580	6 11/16	Hang Box	50
			S6709 ▲	CF9DS/850	120	5000	82	10000	580	6 ½	Box	50
13	T4	GX23	S8310	CFS13W/827	120	2700	82	12000	800	7 5/8	Hang Box	50
			S6710 ▲	CF13DS/827	120	2700	82	10000	800	7 1/8	Box	50
			S8380	CFS13W/830	120	3000	82	12000	800	7 5/8	Hang Box	50
			S6780 ▲	CF13DS/830	120	3000	82	10000	800	7 1/8	Box	50
			S8311	CFS13W/835	120	3500	82	12000	800	7 5/8	Hang Box	50
			S6711 ▲	CF13DS/835	120	3500	82	10000	800	7 1/8	Box	50
			S8312	CFS13W/841	120	4100	82	12000	800	7 5/8	Hang Box	50
			S6712 ▲	CF13DS/841	120	4100	82	10000	800	7 1/8	Box	50
			S8313	CFS13W/850	120	5000	82	12000	800	7 5/8	Hang Box	50
S6713 ▲	CF13DS/850	120	5000	82	10000	800	7 1/8	Box	50			



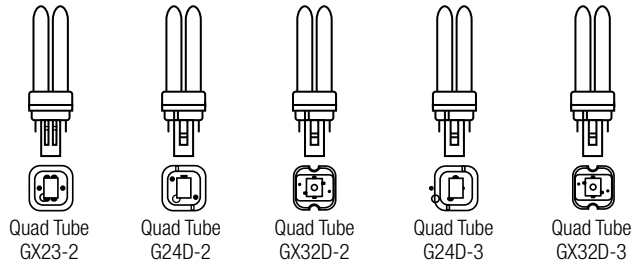
Twin Tube 4-Pin for Electronic & Dimming Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton
5	T4	2G7	S8360	CF5DS/E/827	120	2700	82	15000	230	4 ½	Box	50
			S8361	CF5DS/E/841	120	4100	82	15000	230	4 ½	Box	50
7	T4	2G7	S8362	CF7DS/E/827	120	2700	82	15000	400	5 11/16	Box	50
			S6413 ▲	CF7DS/E/827	120	2700	82	10000	400	4 ½	Box	50
			S8363	CF7DS/E/841	120	4100	82	15000	400	5 11/16	Box	50
			S6414 ▲	CF7DS/E/841	120	4100	82	10000	400	4 ½	Box	50
9	T4	2G7	S8364	CF9DS/E/827	120	2700	82	15000	580	6 11/16	Box	50
			S6415 ▲	CF9DS/E/827	120	2700	82	10000	580	5 11/16	Box	50
			S8365	CF9DS/E/841	120	4100	82	15000	580	6 11/16	Box	50
			S6416 ▲	CF9DS/E/841	120	4100	82	10000	580	5 11/16	Box	50
13	T4	2GX7	S8366	CF13DS/E/827	120	2700	82	15000	800	7 5/8	Box	50
			S6417 ▲	CF13DS/E/827	120	2700	82	10000	800	6 3/16	Box	50
			S8367	CF13DS/E/830	120	3000	82	15000	800	7 5/8	Box	50
			S6418 ▲	CF13DS/E/830	120	3000	82	10000	800	6 3/16	Box	50
			S8368	CF13DS/E/835	120	3500	82	15000	800	7 5/8	Box	50
			S8369	CF13DS/E/841	120	4100	82	15000	800	7 5/8	Box	50
			S6419 ▲	CF13DS/E/841	120	4100	82	10000	800	6 3/16	Box	50

Quad Tube 2-Pin for Magnetic Ballasts

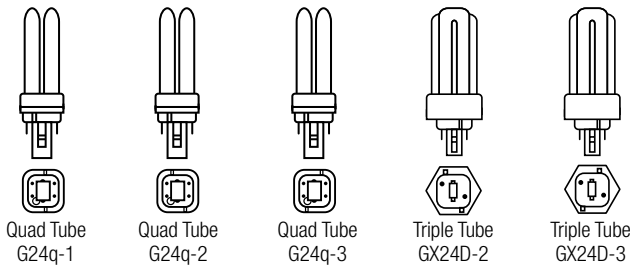
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton
9	T4	G23-2	S8314	CFD9W/827	120	2700	82	12000	525	4 ½	Hang Box	50
			S6714 ▲	CF9DD/827	120	2700	82	10000	525	4 5/16	Box	50
			S8315	CFD9W/830	120	3000	82	12000	525	4 ½	Hang Box	50
			S8316	CFD9W/835	120	3500	82	12000	525	4 ½	Hang Box	50
			S6716 ▲	CF9DD/835	120	3500	82	10000	525	4 5/16	Box	50

COMPACT FLUORESCENT



Quad Tube 2-Pin for Magnetic Ballasts (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton
13	T4	GX23-2	S8317	CFD13W/827	120	2700	82	12000	780	5 11/16	Hang Box	50
			S6717 ▲	CF13DD/827	120	2700	82	10000	780	4 5/8	Box	50
			S8318	CFD13W/830	120	3000	82	12000	780	5 11/16	Hang Box	50
			S6718 ▲	CF13DD/830	120	3000	82	10000	780	4 5/8	Box	50
			S8319	CFD13W/835	120	3500	82	12000	780	5 11/16	Hang Box	50
			S6719 ▲	CF13DD/835	120	3500	82	10000	780	4 5/8	Box	50
			S8320	CFD13W/841	120	4100	82	12000	780	5 11/16	Hang Box	50
			S6720 ▲	CF13DD/841	120	4100	82	10000	780	4 5/8	Box	50
18	T4	G24D-2	S8321	CFD18W/827	120	2700	82	12000	1250	6 5/16	Hang Box	50
			S6721 ▲	CF18DD/827	120	2700	82	10000	1250	6	Box	50
			S8322	CFD18W/830	120	3000	82	12000	1250	6 5/16	Hang Box	50
			S6722 ▲	CF18DD/830	120	3000	82	10000	1250	6	Box	50
			S8323	CFD18W/835	120	3500	82	12000	1250	6 5/16	Hang Box	50
			S6723 ▲	CF18DD/835	120	3500	82	10000	1250	6	Box	50
			S8324	CFD18W/841	120	4100	82	12000	1250	6 5/16	Hang Box	50
			S6724 ▲	CF18DD/841	120	4100	82	10000	1250	6	Box	50
22	T5	GX32D-2	S6020	FDL22LE/D/PLC 15mm	120	2700	84	10000	1200	6	Box	40
			S6021	FDL22EX/D/PLC 15mm	120	5000	84	10000	1200	6	Box	50
26	T4	G24D-3	S8325	CFD26W/827	120	2700	82	12000	1825	7 1/8	Hang Box	50
			S6725 ▲	CF26DD/827	120	2700	82	10000	1825	6 13/16	Box	50
			S8326	CFD26W/830	120	3000	82	12000	1825	7 1/8	Hang Box	50
			S6726 ▲	CF26DD/830	120	3000	82	10000	1825	6 13/16	Box	50
			S8327	CFD26W/835	120	3500	82	12000	1825	7 1/8	Hang Box	50
			S6727 ▲	CF26DD/835	120	3500	82	10000	1825	6 13/16	Box	50
			S8328	CFD26W/841	120	4100	82	12000	1825	7 1/8	Hang Box	50
			S6728 ▲	CF26DD/841	120	4100	82	10000	1825	6 13/16	Box	50
28	T5	GX32D-3	S6022	FDL28LE/D/PLC 15mm	120	2800	84	10000	1600	6 13/16	Box	40
			S6023	FDL28EX/D/PLC 15mm	120	5000	84	10000	1600	6 13/16	Box	40

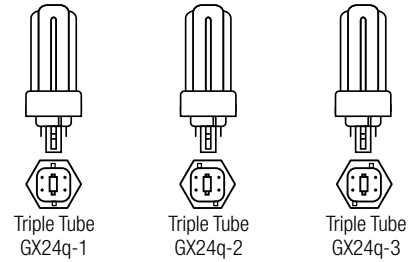


Quad Tube 4-Pin for Electronic & Dimming Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton
13	T4	G24q-1	S8329	CFD13W/4P/827	120	2700	82	15000	900	5 11/16	Hang Box	50
			S6729 ▲	CF13DD/E/827	120	2700	82	12000	900	5 3/16	Box	50
			S8330	CFD13W/4P/830	120	3000	82	15000	900	5 11/16	Hang Box	50
			S6730 ▲	CF13DD/E/830	120	3000	82	12000	900	5 3/16	Box	50
			S8331	CFD13W/4P/835	120	3500	82	15000	900	5 11/16	Hang Box	50
			S6731 ▲	CF13DD/E/835	120	3500	82	12000	900	5 3/16	Box	50
			S8332	CFD13W/4P/841	120	4100	82	15000	900	5 11/16	Hang Box	50
			S6732 ▲	CF13DD/E/841	120	4100	82	12000	900	5 3/16	Box	50
18	T4	G24q-2	S8333	CFD18W/4P/827	120	2700	82	15000	1250	6 5/16	Hang Box	50
			S6733 ▲	CF18DD/E/827	120	2700	82	12000	1250	5 13/16	Box	50
			S8334	CFD18W/4P/830	120	3000	82	15000	1250	6 5/16	Hang Box	50
			S6734 ▲	CF18DD/E/830	120	3000	82	12000	1250	5 13/16	Box	50
			S8335	CFD18W/4P/835	120	3500	82	15000	1250	6 5/16	Hang Box	50
			S6735 ▲	CF18DD/E/835	120	3500	82	12000	1250	5 13/16	Box	50
			S8336	CFD18W/4P/841	120	4100	82	15000	1250	6 5/16	Hang Box	50
			S6736 ▲	CF18DD/E/841	120	4100	82	12000	1250	5 13/16	Box	50
26	T4	G24q-3	S8337	CFD26W/4P/827	120	2700	82	15000	1825	6 1/2	Hang Box	50
			S6737 ▲	CF26DD/E/827	120	2700	82	12000	1825	6 1/2	Box	50
			S8338	CFD26W/4P/830	120	3000	82	15000	1825	6 1/2	Hang Box	50
			S6738 ▲	CF26DD/E/830	120	3000	82	12000	1825	6 1/2	Box	50
			S8339	CFD26W/4P/835	120	3500	82	15000	1825	6 1/2	Hang Box	50
			S6739 ▲	CF26DD/E/835	120	3500	82	12000	1825	6 1/2	Box	50
			S8340	CFD26W/4P/841	120	4100	82	15000	1825	6 1/2	Hang Box	50
			S6740 ▲	CF26DD/E/841	120	4100	82	12000	1825	6 1/2	Box	50

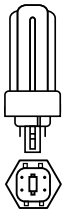
Triple Tube 2-Pin for Magnetic Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton	Notes
18	T4	GX24d-2	S4367 ▲	CF18DT/827	120	2700	82	12000	1200	4 13/16	Box	50	2
26	T4	GX24d-3	S4368 ▲	CF26DT/827	120	2700	82	12000	1800	5 3/8	Box	50	2

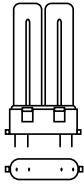


Triple Tube 4-Pin for Electronic & Dimming Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton	Notes
13	T4	GX24q-1	S8399	CFT13W/4P/827	120	2700	82	15000	900	4 1/2	Hang Box	50	2
			S4369 ▲	CF13DT/E/827	120	2700	82	12000	900	4 3/16	Box	50	2
			S8396	CFT13W/4P/830	120	3000	82	15000	900	4 1/2	Hang Box	50	2
			S8397	CFT13W/4P/835	120	3500	82	15000	900	4 1/2	Hang Box	50	2
			S4371 ▲	CF13DT/E/835	120	3500	82	12000	900	4 3/16	Box	50	2
			S8398	CFT13W/4P/841	120	4100	82	15000	900	4 1/2	Hang Box	50	2
			S4372 ▲	CF13DT/E/841	120	4100	82	12000	900	4 3/16	Box	50	2
18	T4	GX24q-2	S8341	CFT18W/4P/827	120	2700	82	15000	1200	4 7/8	Hang Box	50	2
			S6741 ▲	CF18DT/E/IN/827	120	2700	82	12000	1200	4 3/8	Box	50	2
			S8342	CFT18W/4P/830	120	3000	82	15000	1200	4 7/8	Hang Box	50	2
			S6742 ▲	CF18DT/E/IN/830	120	3000	82	12000	1200	4 3/8	Box	50	2
			S8343	CFT18W/4P/835	120	3500	82	15000	1200	4 7/8	Hang Box	50	2
			S6743 ▲	CF18DT/E/IN/835	120	3500	82	12000	1200	4 3/8	Box	50	2
			S8344	CFT18W/4P/841	120	4100	82	15000	1200	4 7/8	Hang Box	50	2
S6744 ▲	CF18DT/E/IN/841	120	4100	82	12000	1200	4 3/8	Box	50	2			
26	T4	GX24q-3	S8345	CFT26W/4P/827	120	2700	82	15000	1800	5 11/16	Hang Box	50	2
			S6745 ▲	CF26DT/E/IN/827	120	2700	82	12000	1800	5	Box	50	2
			S8346	CFT26W/4P/830	120	3000	82	15000	1800	5 11/16	Hang Box	50	2
			S6746 ▲	CF26DT/E/IN/830	120	3000	82	12000	1800	5	Box	50	2
			S8347	CFT26W/4P/835	120	3500	82	15000	1800	5 11/16	Hang Box	50	2
			S6747 ▲	CF26DT/E/IN/835	120	3500	82	12000	1800	5	Box	50	2
			S8348	CFT26W/4P/841	120	4100	82	15000	1800	5 11/16	Hang Box	50	2
S6748 ▲	CF26DT/E/IN/841	120	4100	82	12000	1800	5	Box	50	2			
32	T4	GX24q-3	S8349	CFT32W/4P/827	120	2700	82	15000	2400	5 3/16	Hang Box	50	2
			S6749 ▲	CF32DT/E/IN/827	120	2700	82	12000	2400	5 5/8	Box	50	2
			S8350	CFT32W/4P/830	120	3000	82	15000	2400	5 3/16	Hang Box	50	2
			S6750 ▲	CF32DT/E/IN/830	120	3000	82	12000	2400	5 5/8	Box	50	2
			S8351	CFT32W/4P/835	120	3500	82	15000	2400	5 3/16	Hang Box	50	2
			S6751 ▲	CF32DT/E/IN/835	120	3500	82	12000	2400	5 5/8	Box	50	2
			S8352	CFT32W/4P/841	120	4100	82	15000	2400	5 3/16	Hang Box	50	2
S6752 ▲	CF32DT/E/IN/841	120	4100	82	12000	2400	5 5/8	Box	50	2			



Triple Tube
GX24q-4



Flat Tube
2G10



Long Twin
Tube 2G11

Triple Tube 4-Pin for Electronic & Dimming Ballasts (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton	Notes
42	T4	GX24q-4	S8353	CFT42W/4P/827	120	2700	82	15000	3200	6 ¾	Hang Box	50	2
			S6753 ▲	CF42DT/E/IN/827	120	2700	82	12000	3200	6 ½	Box	50	2
			S8354	CFT42W/4P/830	120	3000	82	15000	3200	6 ¾	Hang Box	50	2
			S6754 ▲	CF42DT/E/IN/830	120	3000	82	12000	3200	6 ½	Box	50	2
			S8355	CFT42W/4P/835	120	3500	82	15000	3200	6 ¾	Hang Box	50	2
			S6755 ▲	CF42DT/E/IN/835	120	3500	82	12000	3200	6 ½	Box	50	2
			S8356	CFT42W/4P/841	120	4100	82	15000	3200	6 ¾	Hang Box	50	2
S6756 ▲	CF42DT/E/IN/841	120	4100	82	12000	3200	6 ½	Box	50	2			

Long Twin Tube 4-Pin for Electronic Ballasts

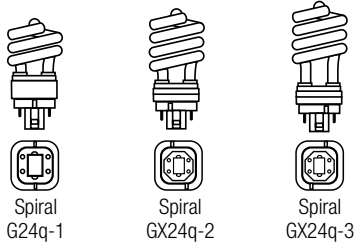
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton	Notes
18	T5	2G11	S8657	FT18HL/830/ENV	120	3000	82	12000	1300	9	Box	10	
			S6757 ▲	FT18DL/830	120	3000	82	12000	1250	9	Box	10	
			S8658	FT18HL/835/ENV	120	3500	82	12000	1300	9	Box	10	
			S6758 ▲	FT18DL/835	120	3500	82	12000	1250	9	Box	10	
			S2965 ▲	FT18DL/835/RS	120	3500	82	20000	1250	10 ½	Box	10	
			S8659	FT18HL/841/ENV	120	4100	82	12000	1300	9	Box	10	
			S6759 ▲	FT18DL/841	120	4100	82	12000	1250	9	Box	10	
S2966 ▲	FT18DL/841/RS	120	4100	82	20000	1250	10 ½	Box	10				
24	T5	2G11	S8660	FT24HL/830/ENV	120	3000	82	12000	1800	12 11/16	Box	10	
			S6760 ▲	FT24DL/830	120	3000	82	12000	1800	12 7/8	Box	10	1
			S8661	FT24HL/835/ENV	120	3500	82	12000	1800	12 11/16	Box	10	
			S6761 ▲	FT24DL/835	120	3500	82	12000	1800	12 7/8	Box	10	1
			S8662	FT24HL/841/ENV	120	4100	82	12000	1800	12 11/16	Box	10	
			S6762 ▲	FT24DL/841	120	4100	82	12000	1800	12 7/8	Box	10	1
36	T5	2G11	S8663	FT36HL/830/ENV	120	3000	82	12000	2800	16 ½	Box	10	
			S6763 ▲	FT36DL/830	120	3000	82	12000	2900	16 5/8	Box	10	1
			S8664	FT36HL/835/ENV	120	3500	82	12000	2800	16 ½	Box	10	
			S6764 ▲	FT36DL/835	120	3500	82	12000	2900	16 5/8	Box	10	1
			S8665	FT36HL/841/ENV	120	4100	82	12000	2800	16 ½	Box	10	
			S6765 ▲	FT36DL/841	120	4100	82	12000	2900	16 5/8	Box	10	1



Long Twin
Tube 2G11

Long Twin Tube 4-Pin for Electronic Ballasts (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton	Notes
40	T5	2G11	S8666	FT40HL/830/RS/ENV	120	3000	82	20000	3500	22 ½	Box	10	
			S6766 ▲	FT40DL/830/RS	120	3000	82	20000	3150	22 ½	Box	10	
			S8667	FT40HL/835/RS/ENV	120	3500	82	20000	3500	22 ½	Box	10	
			S6767 ▲	FT40DL/835/RS	120	3500	82	20000	3150	22 ½	Box	10	
			S8668	FT40HL/841/RS/ENV	120	4100	82	20000	3500	22 ½	Box	10	
			S6768 ▲	FT40DL/841/RS	120	4100	82	20000	3150	22 ½	Box	10	
50	T5	2G11	S2967 ▲	PLL50W/30/RS	120	3000	82	14000	4300	22 ½	Box	25	
			S2968 ▲	PLL50W/35/RS	120	3500	82	14000	4300	22 ½	Box	25	
			S2969 ▲	PLL50W/41/RS	120	4100	82	14000	4300	22 ½	Box	25	
55	T5	2G11	S8669	FT55HL/830/ENV	120	3000	82	12000	4700	21 5/16	Box	10	
			S6769 ▲	FT55DL/830	120	3000	82	12000	4800	21 1/8	Box	10	
			S8670	FT55HL/835/ENV	120	3500	82	12000	4700	21 5/16	Box	10	
			S6770 ▲	FT55DL/835	120	3500	82	12000	4800	21 1/8	Box	10	
			S8671	FT55HL/841/ENV	120	4100	82	12000	4700	21 5/16	Box	10	
			S6771 ▲	FT55DL/841	120	4100	82	12000	4800	21 1/8	Box	10	



Spiral 4-Pin for Electronic Ballasts

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Pkg. Type	Carton
13	T3	G24q-1	S4438	60W	PLS13/27K/SPIRAL	120	2700	82	10000	850	3 3/4	Box	24
18	T4	GX24q-2	S4440	75W	PLS18/27K/SPIRAL	120	2700	82	10000	1100	4 1/16	Box	24
26	T4	GX24q-3	S4439	100W	PLS26/27K/SPIRAL	120	2700	82	10000	1700	4 5/8	Box	24

General CFL Notes

- = Product by a manufacturer other than Satco
- ▲ = Product by one of the Primary lamp manufacturers
- † = To be discontinued when inventory is depleted due to legislation requirements

CFL Notes

- 1 These lamps may also be operated on rapid start circuits. On rapid start circuits the 24 watt lamp operates at 27 watts and the 36 watt lamp operates at 39 watts. Rated lamp life is unchanged.
- 2 This 4-pin CF lamp has an internal end-of-life mechanism (EOL) that shuts down the lamp preventing abnormal end-of-life failure modes. This lamp was designed for use with high frequency ballasts that do not have their own end-of-life (lamp) sensing circuits, but it is also compatible with high frequency ballasts that have their own end-of-life.

Rule of thumb for compact fluorescent lamps: divide wattage of incandescent lamp by 4 to determine approximate wattage of compact fluorescent lamp that will provide similar light output.

Caution: unless otherwise stated, self ballasted CF lamps cannot be used on dimming circuits, emergency exit fixtures or lights, electronic timers, photocells or lighted switches. In outdoor applications, use only in enclosed fixtures to avoid exposure to weather. Use only on 120V, 60 Hz circuits.

ENV and ECO fluorescent lamps are designed to pass the Federal Toxic Characteristic Leaching Procedure (TCLP) criteria for classification as non-hazardous waste in most states. TCLP test results are available upon request. Lamp disposal regulations may vary, check your local and state regulations. For more information, please visit lamprecycle.org.

Minimum starting temperature for 2-pin CF lamps: CF5: -22 degrees F; CF7: -4 degrees F; CF9: 14 degrees F; CF13DS: 14

degrees F; CF13DD: -4 degrees F; CF18DD: 5 degrees F; CF18DT: -4 degrees F; CF26: 14 degrees F.

There is a NEMA supported industry issue where T2, T4, and T5 fluorescent and compact fluorescent lamps operated on high frequency ballasts may experience an abnormal end-of-life phenomenon. This end-of-life phenomenon can result in one or both of the following: 1. Bulb wall cracking near the lamp base. 2. The lamp can overheat in the base area and possibly melt the base and socket. NEMA recommends that high frequency compact fluorescent ballasts have an end-of-life shutdown circuit which will safely and reliably shut down the system in the rare event of an abnormal end-of-life failure mode described above. The final requirements of this system are yet to be defined by ANSI. For additional information refer to NEMA papers on their website at NEMA.org.



Popular for good reason.

Halogen lamps come in more sizes, shapes, and base variations than most other technologies, and with good reason – brilliant white light, great color temperature, and color rendering properties, long life, and superior lumen maintenance combine to make them very popular. Satco stocks virtually every variation there is. Our wide inventory allows you to get the types you need, whether a specialty size or an incandescent A19 replacement, that meets government regulations. When it comes to Halogen lamps, we can confidently say “Yes, we have that.”

Halogen lamp features:

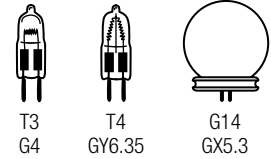
- Available from 5 to 1500 Watts
- From 6 to 240 Volt variations
- All industry standard sizes and bases
- Fully dimmable
- Environmentally friendly – Mercury free
- Energy efficient
- Our Halogen Excel line saves up to 30% in energy costs over traditional incandescent lamps
- Halogen/Xenon technology for enhanced performance in our Halogen Excel™ line
- Excellent color rendering
- High lumen output



Nuvo Lighting's Lynne five light vanity in Polished Nickel with Frosted Glass. Nuvo item number 60-5178. See the www.nuvolighting.com website.



HALOGEN



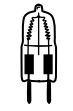
Bi Pin Lamps

Bi Pin Lamps 12 and 24 Volt

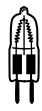
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
5	T3	G4	S3179	5T3/CL	12	Clear	1 ¼	C-6	50	2000	Box	48	
10	T3	G4	S3171	10T3/CL	12	Clear	1 ¼	C-6	120	2000	Box	48	
			S3459	10T3/CL	12	Clear	1 ¼	C-6	120	2000	CD/1	12	
			S1908	10T3/F	12	Frost	1 ¼	C-6	108	2000	Box	48	
20	T3	G4	S3120	20T3/CL	12	Clear	1 ¼	C-6	300	2000	Box	48	
			S3468	20T3/CL	12	Clear	1 ¼	C-6	300	2000	CD/1	12	
			S3420	20T3/CL/2PK	12	Clear	1 ¼	C-6	300	2000	CD/2	12	
			S1909	20T3/F	12	Frost	1 ¼	C-6	270	2000	Box	48	
			S1986	20T3/CL/24V	24	Clear	1 ¼	CC-6	260	2000	Box	48	
		GY6.35	S4197	20T3/CL	12	Clear	1 ¼	C-6	300	2000	Box	48	
35	T4	GY6.35	S3160	35T4/CL	12	Clear	1 9/16	C-6	595	2000	Box	48	
			S3469	35T4/CL	12	Clear	1 9/16	C-6	595	2000	CD/1	12	
			S1910	35T4/F	12	Frost	1 9/16	C-6	536	2000	Box	48	
50	T4	GY6.35	S3121	50T4/CL	12	Clear	1 9/16	C-6	900	2000	Box	48	
			S3470	50T4/CL	12	Clear	1 9/16	C-6	900	2000	CD/1	12	
			S3421	50T4/CL/2PK	12	Clear	1 9/16	C-6	900	2000	CD/2	12	
			S1911	50T4/F	12	Frost	1 9/16	C-6	810	2000	Box	48	
			S1987	50T4/CL/24V	24	Clear	1 9/16	CC-6	900	2000	Box	48	
75	T4	GY6.35	S3156	75T4/CL	12	Clear	1 9/16	C-6	1350	2000	Box	48	
			S3471	75T4/CL	12	Clear	1 9/16	C-6	1350	2000	CD/1	12	
			S1912	75T4/F	12	Frost	1 9/16	C-6	1290	2000	Box	48	

Enclosed Bi Pin Lamps 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
20	G14	GU5.3/GX5.3	S3187	20JCGV-G14/BALL	12	White	2 3/16	C-6	240	2000	Box	250/25	
35	G14	GU5.3/GX5.3	S3188	35JCGV-G14/BALL	12	White	2 3/16	C-6	450	2000	Box	250/25	
50	G14	GU5.3/GX5.3	S3189	50JCGV-G14/BALL	12	White	2 3/16	C-6	720	2000	Box	200/25	



T4 G8
Wide Pin



T4
GY6.35



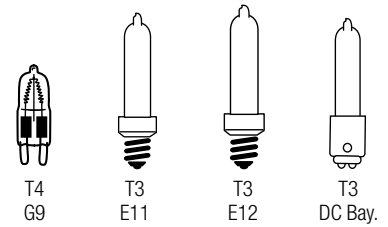
T3.5
G6.35c

Bi Pin Lamps 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton	Notes
20	T4	G8	S4610	20T4/CL/G8	120	Clear	1 13/16	CC-2V	180	2000	Box	48	
			S3539	20T4/CL/G8	120	Clear	1 13/16	CC-2V	180	2000	CD/1	240/12	
25	T4	GY6.35	S3197	25T4/CL	120	Clear	1 15/16	CC-2V	210	2000	Box	48	
		G8	S4611	25T4/CL/G8	120	Clear	1 13/16	CC-2V	210	2000	Box	48	
35	T4	GY6.35	S3164	35T4/CL	120	Clear	1 15/16	CC-2V	380	2000	Box	48	
			S3418	35T4/CL	120	Clear	1 15/16	CC-2V	380	2000	CD/1	12	
		G8	S4620	35T4/CL/G8	120	Clear	1 13/16	CC-2V	380	2000	Box	48	
50	T4	GY6.35	S3167	50T4/CL	120	Clear	1 15/16	CC-2V	750	2000	Box	48	
			S3427	50T4/CL	120	Clear	1 15/16	CC-2V	750	2000	CD/1	12	
		G8	S4612	50T4/CL/G8	120	Clear	1 13/16	CC-2V	750	2000	Box	48	
75	T4	GY6.35	S3168	75T4/CL	120	Clear	2 3/8	CC-2V	750	2000	Box	48	
			S3428	75T4/CL	120	Clear	2 3/8	CC-2V	1250	2000	CD/1	12	
		G8	S4613	75T4/CL/G8	120	Clear	2 1/4	CC-8	1250	2000	Box	48	
100	T4	GY6.35	S1924	100T4/CL	120	Clear	2 3/8	CC-2V	1700	2000	Box	48	
			S3419	100T4/CL	120	Clear	2 3/8	CC-2V	1700	2000	CD/1	12	
		G8	S4622	100T4/CL/G8	120	Clear	2 1/4	CC-8	1700	2000	Box	48	
			S3543	100T4/CL/G8	120	Clear	2 1/4	CC-8	1700	2000	CD/1	12	

Bi Pin Marine Lamps 12 and 24 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton	Notes
55	T3.5	GY6.35	S7183	JCD/12V/55W/DX	12	Clear	1 3/4	C-6	100	Box	500/10	ACR6001
			S7184	JCD/24V/55W/DX	24	Clear	1 11/16	C-6	100	Box	500/10	ACR6003



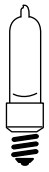
Double Loop G9 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
20	T4	G9	S4614	20T4/G9/CL	120	Clear	1 9/16	CC-2V	200	2000	Box	48	
			S4639	20T4/G9/FR	120	Frost	1 9/16	CC-2V	200	2000	Box	48	
25	T4	G9	S4615	25T4/G9/CL	120	Clear	1 9/16	CC-2V	260	2000	Box	48	
35	T4	G9	S4621	35T4/G9/CL	120	Clear	1 9/16	CC-2V	400	2000	Box	48	
			S3544	35T4/G9/CL	120	Clear	1 9/16	CC-2V	400	2000	CD/1	12	
40	T4	G9	S4641	40T4/G9/CL	120	Clear	1 9/16	CC-2V	500	2000	Box	48	
			S4647	40T4/G9/FR	120	Frost	1 9/16	CC-2V	450	2000	Box	48	
50	T4	G9	S4616	50T4/G9/CL	120	Clear	1 9/16	CC-2V	750	2000	Box	48	
			S3545	50T4/G9/CL	120	Clear	1 9/16	CC-2V	750	2000	CD/1	12	
60	T4	G9	S4648	60T4/G9/CL	120	Clear	1 5/8	CC-2V	820	2000	Box	48	
			S4649	60T4/G9/FR	120	Frost	1 5/8	CC-2V	738	2000	Box	48	
75	T4	G9	S4647	75T4/G9/CL	120	Clear	1 5/8	CC-8	1250	2000	Box	48	
			S3546	75T4/G9/CL	120	Clear	1 5/8	CC-8	1250	2000	CD/1	12	
100	T4	G9	S4642	100T4/G9/CL	120	Clear	1 11/16	CC-8	1700	2000	Box	48	
			S3547	100T4/G9/CL	120	Clear	1 11/16	CC-8	1700	2000	CD/1	12	

E11 – DC Bay.

Single Ended - E11 MiniCan - E12 Cand - E14 Euro - BA15d DC Bay.

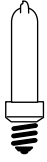
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
20	T3	E11	S4486	KX20CL/3M/MC	120	Clear	2 5/16	CC-8	200	3000	Box	10	1
			S4489	KX20FR/3M/MC	120	Frost	2 5/16	CC-8	200	3000	Box	10	1
	E12	S4480	KX20CL/3M/E12	120	Clear	2 7/16	CC-8	200	3000	Box	10	1	
		S4483	KX20FR/3M/E12	120	Frost	2 7/16	CC-8	200	3000	Box	10	1	
	DC Bay.	S4492	KX20CL/3M/DC	120	Clear	2 ¼	CC-8	200	3000	Box	10	1	
		S4495	KX20FR/3M/DC	120	Clear	2 ¼	CC-8	200	3000	Box	10	1	



T4
E11



T4
DC Bay.



T3
E11



T3
E12



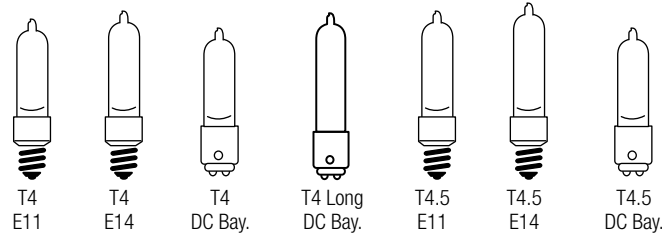
T3
DC Bay.



T4 Long
DC Bay.

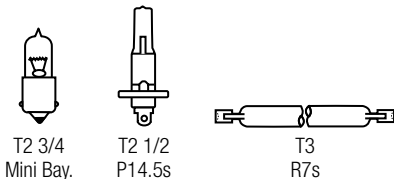
Single Ended - E11 MiniCan - E12 Cand - E14 Euro - BA15d DC Bay. (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
35	T4	E11	S3165	35Q/CL/MC	120	Clear	2 1/16	CC-2V	380	2000	Box	12	
			S1913	35Q/FR/MC	120	Frost	2 1/16	CC-2V	342	2000	Box	12	
	DC Bay.	S1979	35Q/CL/DC	120	Clear	2 1/16	CC-2V	380	2000	Box	12		
		S1980	35Q/FR/DC	120	Frost	2 1/16	CC-2V	342	2000	Box	12		
40	T3	E11	S4487	KX40CL/3M/MC	120	Clear	2 5/16	CC-8	560	3000	Box	10	1
			S4490	KX40FR/3M/MC	120	Frost	2 5/16	CC-8	560	3000	Box	10	1
	E12	S4481	KX40CL/3M/E12	120	Clear	2 7/16	CC-8	560	3000	Box	10	1	
		S4484	KX40FR/3M/E12	120	Frost	2 7/16	CC-8	560	3000	Box	10	1	
	DC Bay.	S4493	KX40CL/3M/DC	120	Clear	2 ¼	CC-8	560	3000	Box	10	1	
		S4496	KX40FR/3M/DC	120	Frost	2 ¼	CC-8	560	3000	Box	10	1	
50	T4	E11	S3162	50Q/CL/MC	120	Clear	2 1/16	CC-2V	750	2000	Box	12	
			S3198	50Q/CL/MC	130	Clear	2 1/16	CC-2V	750	2000	Box	12	
			S1914	50Q/F/MC	120	Frost	2 1/16	CC-2V	675	2000	Box	12	
	DC Bay.	S1981	50Q/CL/DC	120	Clear	2 1/16	CC-2V	750	2000	Box	12		
		S1982	50Q/F/DC	120	Frost	2 1/16	CC-2V	675	2000	Box	12		
60	T3	E11	S4488	KX60CL/3M/MC	120	Clear	2 5/16	CC-8	960	3000	Box	10	1
			S4491	KX60FR/3M/MC	120	Frost	2 5/16	CC-8	950	3000	Box	10	1
	E12	S4482	KX60CL/3M/E12	120	Clear	2 7/16	CC-8	960	3000	Box	10	1	
		S4485	KX60FR/3M/E12	120	Frost	2 7/16	CC-8	950	3000	Box	10	1	
	DC Bay.	S4494	KX60CL/3M/DC	120	Clear	2 ¼	CC-8	960	3000	Box	10	1	
		S4497	KX60FR/3M/DC	120	Frost	2 ¼	CC-8	950	3000	Box	10	1	
75	T4	E11	S3157	75Q/CL/MC	120	Clear	2 11/16	CC-8	1250	2000	Box	12	
			S3484	75Q/CL/MC	120	Clear	2 11/16	CC-8	1250	2000	CD/1	12	
			S1915	75Q/F/MC	120	Frost	2 11/16	CC-8	1125	2000	Box	12	
	DC Bay.	S3159	75Q/CL/DC	120	Clear	2 3/8	CC-8	1250	2000	Box	12		
		S3432	75Q/CL/DC	120	Clear	2 3/8	CC-8	1250	2000	CD/1	12		
		S1919	75Q/F/DC	120	Frost	2 3/8	CC-8	1125	2000	Box	12		



Single Ended - E11 MiniCan - E12 Cand - E14 Euro - BA15d DC Bay. (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
100	T4	E11	S3107	100Q/CL/MC	120	Clear	2 11/16	CC-8	1700	2000	Box	12	
			S3485	100Q/CL/MC	120	Clear	2 11/16	CC-8	1700	2000	CD/1	12	
			S1916	100Q/FR/MC	120	Frost	2 11/16	CC-8	1530	2000	Box	12	
	E14		S3132	100Q/CL/E14	120	Clear	2 15/16	CC-8	1700	2000	Box	12	
			S3491	100Q/CL/E14	120	Clear	2 15/16	CC-8	1700	2000	CD/1	12	
			S3147	100Q/CL/DC	120	Clear	2 3/8	CC-8	1700	2000	Box	12	
	DC Bay.		S3488	100Q/CL/DC	120	Clear	2 3/8	CC-8	1700	2000	CD/1	12	
			S1920	100Q/F/DC	120	Frost	2 3/8	CC-8	1530	2000	Box	12	
			S4361	100Q/CL/DC	120	Clear	2 3/8	CC-2V	1600	2000	Box	10	2
150	T4.5	E11	S3108	150Q/CL/MC	120	Clear	2 11/16	CC-8	2700	2000	Box	12	
			S3486	150Q/CL/MC	120	Clear	2 11/16	CC-8	2700	2000	CD/1	12	
			S1917	150Q/F/MC	120	Frost	2 11/16	CC-8	2430	2000	Box	12	
	E14		S3133	150Q/CL/E14	120	Clear	3	CC-8	2700	2000	Box	12	
			S3492	150Q/CL/E14	120	Clear	3	CC-8	2700	2000	CD/1	12	
			S3122	150Q/CL/DC	120	Clear	2 11/16	CC-8	2700	2000	Box	12	
	DC Bay.		S3489	150Q/CL/DC	120	Clear	2 11/16	CC-8	2700	2000	CD/1	12	
			S1921	150Q/F/DC	120	Frost	2 11/16	CC-8	2430	2000	Box	12	
			S3109	250Q/CL/MC	120	Clear	3 1/8	CC-8	4200	2000	Box	12	
250	T4.5	E11	S3487	250Q/CL/MC	120	Clear	3 1/8	CC-8	4200	2000	CD/1	12	
			S1918	250Q/F/MC	120	Frost	3 1/8	CC-8	3780	2000	Box	12	
			S3134	250Q/CL/E14	120	Clear	3 5/16	CC-8	4200	2000	Box	12	
	E14		S3493	250Q/CL/E14	120	Clear	3 5/16	CC-8	4350	2000	CD/1	12	
			S3123	250Q/CL/DC	120	Clear	2 13/16	CC-8	4200	2000	Box	12	
			S3490	250Q/CL/DC	120	Clear	2 13/16	CC-8	4200	2000	CD/1	12	
	DC Bay.		S1922	250Q/F/DC	120	Frost	2 13/16	CC-8	3780	2000	Box	12	
			S3181	500Q/CL	120	Clear	3 7/16	CC-8	8500	2000	Box	12	
			S3182	500Q/F	120	Frost	3 7/16	CC-8	7650	2000	Box	12	
500	T4	E11	S4363 ▲	500Q/MC/EYX	120	Frost	3 3/4	CC-8	10100	2000	Box	12	3
			S1983	500Q/CL	120	Clear	3 3/4	CC-8	8500	2000	Box	12	
			S1984	500Q/F	120	Frost	3 3/4	CC-8	7650	2000	Box	12	
		DC Bay.											



Specialty Single Ended Lamps

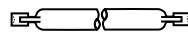
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
5	T2 3/4	BA9s	VJ020 ▲	64111	12	Clear	1 ¼	C-6	50	240	Sleeve	10	10
55	T2 1/2	P14.5s	S7968	55W/12V H1	120	Clear	2 7/16	C-8	1000	350	Sleeve	10	11

Linear Double Ended Lamps

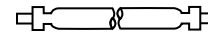
Double Ended J-Style

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton	Notes
75	T3	R7s	S3199	75T3Q/CL/78MM	120	Clear	3 1/8	C-8	1050	1500	Box	12	
			S3183	75T3Q/CL/78MM	130	Clear	3 1/8	C-8	1050	1500	Box	12	
100	T3	R7s	S3146	100T3Q/CL/78MM	120	Clear	3 1/8	C-8	1650	1500	Box	12	
			S3480	100T3Q/CL/78MM	120	Clear	3 1/8	C-8	1650	1500	CD/1	12	
			S3422	100T3Q/CL/78MM/2PK	120	Clear	3 1/8	C-8	1650	1500	CD/2	12	
			S3166	100T3Q/CL/118MM	120	Clear	4 11/16	C-8	1650	1500	Box	12	
			S3431	100T3Q/CL/118MM	120	Clear	4 11/16	C-8	1650	1500	CD/1	12	
150	T3	R7s	S3135	150T3Q/CL/S/78MM	120	Clear	3 1/8	C-8	2400	1500	Box	12	
			S3481	150T3Q/CL/S/78MM	120	Clear	3 1/8	C-8	2400	1500	CD/1	12	2
			S3423	150T3Q/CL/S/78MM/2PK	120	Clear	3 1/8	C-8	2400	1500	CD/2	12	
			S3142	150T3Q/CL/L/118MM	120	Clear	4 11/16	C-8	2400	1500	Box	12	
			S3494	150T3Q/CL/L/118MM	120	Clear	4 11/16	C-8	2400	1500	CD/1	12	
200	T3	R7s	S3145	200T3Q/CL/78MM	120	Clear	3 1/8	C-8	3400	1500	Box	12	
			S3482	200T3Q/CL/78MM	120	Clear	3 1/8	C-8	3400	1500	CD/1	12	
			S3136	200T3Q/CL/78MM	120	Clear	4 11/16	C-8	3400	1500	Box	12	
			S3495	200T3Q/CL/78MM	120	Clear	4 11/16	C-8	3400	1500	CD/1	12	
250	T3	R7s	S3184	250T3Q/CL/78MM	120	Clear	3 1/8	C-8	4500	1500	Box	12	
			S3426	250T3Q/CL/78MM	120	Clear	3 1/8	C-8	4500	1500	CD/1	12	

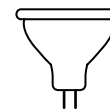
HALOGEN



T3
R7s



T3
Flat Blade/
Pin Blade



MR8
GZ4

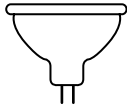
Double Ended J-Style (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton	Notes
300	T3	R7s	S3104	300T3Q/CL	120	Clear	4 11/16	C-8	5300	1500	Box	12	
			S3496	300T3Q/CL	120	Clear	4 11/16	C-8	5300	1500	CD/1	12	
			S3430	300T3Q/CL/2PK	120	Clear	4 11/16	C-8	5300	1500	CD/2	12	
			S3410	300T3Q/CL/3PK	120	Clear	4 11/16	C-8	5300	1500	CD/3	12	
			S1925	300T3Q/CL	130	Clear	4 11/16	C-8	5300	1500	Box	12	
			Flat Blade	S3180	300T3Q/CL	120	Clear	5 13/16	C-8	5300	1500	Box	12
			S3429	300T3Q/CL	120	Clear	5 13/16	C-8	5300	1500	CD/1	12	
500	T3	R7s	S3105	500T3Q/CL	120	Clear	4 11/16	C-8	9500	1500	Box	12	
			S3497	500T3Q/CL	120	Clear	4 11/16	C-8	9500	1500	CD/1	12	2
			S3433	500T3Q/CL/2PK	120	Clear	4 11/16	C-8	9500	1500	CD/2	12	
			S3411	500T3Q/CL/3PK	120	Clear	4 11/16	C-8	9500	1500	CD/3	12	
			S1926	500T3Q/CL/130V	130	Clear	4 11/16	C-8	9500	1500	Box	12	
			S2228	500T3Q/CL/RS/130V	130	Clear	4 11/16	C-8	9500	1500	Box	12	
			S3185	500T3Q/CL/240V	240	Clear	4 11/16	C-8	9000	1500	Box	12	
	Flat Blade		S1923	500T3Q/CL	120	Clear	5 13/16	C-8	9500	1500	Box	12	
900	T2.5	R7s	S2456	Q900T3/CL/HIR/277V	277	Clear	10 1/16	C-8	31000	2000	Box	6	
1000	T3	R7s	S4198	1000T3Q/CL	120	Clear	10 1/16	C-8	18000	1500	Box	480/12	
			S4199	1000T3Q/CL/240V	240	Clear	10 1/16	C-8	18000	1500	Box	480/12	
1500	T3	R7s	S3106	1500T3Q/CL/240V	240	Clear	10 1/16	C-8	30000	1500	Box	480/12	
			S4169	1500T3Q/CL	120	Clear	10 1/16	C-8	32000	1500	Box	480/12	

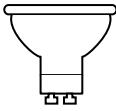
MR8, MR11, MR16 Lamps

MR8 Bi Pin Base 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
10	MR8	GU4	S4646	10MR8/NSP	NSP 9	-	12	Y	N	-	2000	C-6	1 ¼	Box	12
			S4645	10MR8/NFL	NFL 23	-	12	Y	N	-	2000	C-6	1 ¼	Box	12



MR11
GZ4



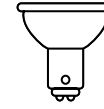
MR11
GU10

MR11 Bi Pin Base 6, 12 & 24 Volt

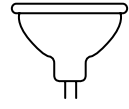
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
5	MR11	GZ4	S4628	5MR11/NFL/6V	NFL 30	–	6	Y	N	1000	2000	C-6	1 ¼	Box	12
			S3194	5MR11/NSP	NSP 9	–	12	N	N	130	2000	C-6	1 ¼	Box	12
10	MR11	GZ4	S4629	10MR11/NFL/6V	NFL 30	–	6	Y	N	150	2000	C-6	1 ¼	Box	12
			S3195	10MR11/SP	SP 12	–	12	N	N	380	2000	C-6	1 ¼	Box	12
			S3444	10MR11/FL/30/12V	FL30	–	12	N	N	150	2000	C-6	1 ¼	CD/1	12
20	MR11	GZ4	S3150	20MR11/NSP	NSP 9	FTB	12	N	N	1500	2000	C-6	1 ¼	Box	12
			S3152	20MR11/SP	SP 12	FTC	12	N	N	1000	2000	C-6	1 ¼	Box	12
			S3464	20MR11/SP	SP 12	FTC	12	N	Y	1000	2000	C-6	1 ¼	CD/1	12
			S1990	20MR11/SP/C/24V	SP 12	FTC/C/24	24	Y	Y	1750	2000	C-6	1 ¼	Box	12
			S3154	20MR11/NFL	NFL 24	FTD	12	N	N	500	2000	C-6	1 ¼	Box	12
			S3465	20MR11/NFL	NFL 24	FTD	12	N	Y	500	2000	C-6	1 ¼	CD/1	12
			S3424	20MR11/NFL/2PK	NFL 24	FTD	12	N	Y	700	2000	C-6	1 ¼	CD/2	12
			S1950	20MR11/NFL/C	NFL 24	FTD/C	12	Y	N	450	2000	C-6	1 ¼	Box	12
			<i>SOFT RAY</i> S4124	20MR11/FL/FR/C	FL 36	–	12	Y	Y	450	2000	C-6	1 ¼	Box	12
35	MR11	GZ4	S3151	35MR11/NSP	NSP 9	FTE	12	N	N	2500	2000	C-6	1 ¼	Box	12
			S1991	35MR11/NSP/C/24V	NSP 9	FTE/C/24	24	Y	Y	4500	2000	C-6	1 ¼	Box	12
			S3153	35MR11/SP	SP 12	FTF	12	N	N	2500	2000	C-6	1 ¼	Box	12
			S3466	35MR11/SP	SP 12	FTF	12	N	Y	2500	2000	C-6	1 ¼	CD/1	12
			S3155	35MR11/NFL	NFL 24	FTH	12	N	N	800	2000	C-6	1 ¼	Box	12
			S3467	35MR11/NFL	NFL 24	FTH	12	N	Y	800	2000	C-6	1 ¼	CD/1	12
			S3425	35MR11/NFL/2PK	NFL 24	FTH	12	N	Y	1550	2000	C-6	1 ¼	CD/2	12
			S1951	35MR11/NFL/C	NFL 24	FTH/C	12	Y	N	720	2000	C-6	1 ¼	Box	12
			<i>SOFT RAY</i> S1989	35MR11/NFL/C/24V	NFL 24	FTH/C/24	24	Y	Y	1250	2000	C-6	1 ¼	Box	12
			<i>SOFT RAY</i> S4125	35MR11/FL/FR/C	FL 36	–	12	Y	Y	720	2000	C-6	1 ¼	Box	12

MR11 GU10 Base Frosted Back with Lens 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR11	GU10	S4195	20MR11/FL	FL 30	FTD	120	N	N	110	1000	C-6	1 ¼	Box	12
35	MR11	GU10	S4196	35MR11/FL	FL 24	FTH	120	N	N	300	1000	C-6	1 ¼	Box	12



MR11
DC Bay.



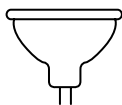
MR16
GU5.3/
GX5.3

MR11 DC Bay. Base 12 Volt

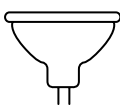
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR11	DC Bay.	S1954	20MR11/SP/DC	SP 12	FST/C	12	Y	Y	1750	2000	C-6	1 5/8	Box	12
			S1952	20MR11/NFL/DC	NFL 24	FSV/C	12	Y	Y	450	2000	C-6	1 5/8	Box	12
35	MR11	DC Bay.	S1955	35MR11/SP/DC	SP 12	GDY/C	12	Y	Y	2550	2000	C-6	1 5/8	Box	12
			S1953	35MR11/NFL/DC	NFL 24	GDZ/C	12	Y	Y	720	2000	C-6	1 5/8	Box	12

MR16 Bi Pin 12 & 24 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton	Notes
10	MR16	GU5.3/GX5.3	S4185	10MR16/NFL	NFL 38	–	12	N	Y	300	2000	C-8	1 7/8	CD/1	12	
20	MR16	GU5.3/GX5.3	S1957	20MR16/NSP	NSP 9	ESX	12	N	Y	2200	2000	C-8	1 7/8	Box	12	
			S3460	20MR16/NSP	NSP 9	ESX	12	N	Y	2200	2000	C-8	1 7/8	CD/1	12	
			S1967	20MR16/NSP/C	NSP 9	ESX/C	12	Y	Y	2000	2000	C-8	1 7/8	Box	12	
			S1995	20MR16/NSP/C/24V	NSP 9	ESX/C	24	Y	Y	2000	2000	C-8	1 7/8	Box	12	
			S1956	20MR16/FL	FL 36	BAB	12	N	Y	500	2000	C-6	1 7/8	Box	12	
			S3461	20MR16/FL	FL 36	BAB	12	N	Y	500	2000	C-6	1 7/8	CD/1		
			S1966	20MR16/FL/C	FL 36	BAB/C	12	Y	Y	450	2000	C-6	1 7/8	Box	12	
35	MR16	GU5.3/GX5.3	S1992	20MR16/FL/C/24V	FL 36	BAB/C	24	Y	Y	405	2000	C-8	1 7/8	Box	12	
			<i>SOFT RAY</i> S4120	20MR16/FL/FR/C	FL 36	–	12	Y	Y	450	2000	C-6	1 7/8	Box	12	5
			S4354	20MR16/Frost TFR	–	–	12	N	Y	500	2000	C-6	1 7/8	Box	12	
			S1958	35MR16/NSP	NSP 9	FRB	12	N	Y	4000	2000	C-6	1 7/8	Box	12	
			S4364	35MR16/NSP/C	NSP 9	FRB/C	12	Y	Y	4000	2000	C-6	1 7/8	Box	12	
35	MR16	GU5.3/GX5.3	S1996	35MR16/NSP/C/24V	NSP 9	FRB/C	24	Y	Y	3600	2000	C-6	1 7/8	Box	12	
			S1959	35MR16/FL	FL 36	FMW	12	N	Y	925	2000	C-6	1 7/8	Box	12	
			S3451	35MR16/FL	FL 36	FMW	12	N	Y	925	2000	C-6	1 7/8	CD/1	–	
			S4365	35MR16/FL/C	FL 36	FMW/C	12	Y	Y	810	2000	C-6	1 7/8	Box	12	
			S1993	35MR16/FL/C/24V	FL 36	FMW/C	24	Y	Y	1000	2000	C-6	1 7/8	Box	12	
			<i>SOFT RAY</i> S4121	35MR16/FL/FR/C	FL 36	–	12	Y	Y	810	2000	C-6	1 7/8	Box	12	5
			S4355	35MR16/Frost TFR	–	–	12	N	Y	925	2000	C-6	1 7/8	Box	12	



MR16
GU5.3/
GX5.3



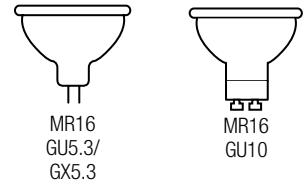
MR11
GZ4

MR16 Bi Pin 12 & 24 Volt (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton Notes	
50	MR16	GU5.3/GX5.3	S1961	50MR16/NSP	NSP 9	EXT	12	N	Y	7000	2000	C-6	1 7/8	Box	12	
			S3462	50MR16/NSP	NSP 9	EXT	12	N	Y	7000	2000	C-6	1 7/8	CD/1	12	
			S3170	50MR16/NSP/C	NSP 9	EXT/C	12	Y	Y	6500	2000	C-8	1 7/8	Box	12	
			S1962	50MR16/NFL	NFL 18	EXZ	12	N	Y	4400	2000	C-6	1 7/8	Box	12	
			S3143	50MR16/NFL25/C	NFL 25	EXZ	12	Y	Y	2800	2000	AX	1 7/8	Box	20	
			S1960	50MR16/FL	FL 36	EXN	12	N	Y	1600	2000	C-8	1 7/8	Box	12	
			S3463	50MR16/FL	FL 36	EXN	12	N	Y	1600	2000	C-8	1 7/8	CD/1	12	
			S3169	50MR16/FL/C	FL 36	EXN/C	12	Y	Y	1500	2000	C-8	1 7/8	Box	12	
			S1994	50MR16/FL/C/24V	FL 36	EXN/C	24	Y	Y	1845	2000	C-8	1 7/8	Box	12	
			<i>SOFTRAY</i>	S4122	50MR16/FL/FR/C	FL 36	-	12	Y	Y	1500	2000	C-6	1 7/8	Box	12
	S1963	50MR16/WFL	WFL 60	FNV	12	N	Y	600	2000	C-6	1 7/8	Box	12			
	S4356	50MR16/Frost TFR	-	-	12	Y	Y	765	2000	C-6	1 7/8	Box	12 5			
65	MR16	GU5.3/GX5.3	S1965	65MR16/NSP	NSP 9	FPA	12	N	Y	7100	2000	C-6	1 7/8	Box	12	
			S1969	65MR16/NSP/C	NSP 9	FPA	12	Y	Y	9500	2000	C-8	1 7/8	Box	12	
			S1964	65MR16/FL	FL 36	FPB	12	N	Y	2000	2000	C-6	1 7/8	Box	12	
			S1968	65MR16/FL/C	FL 36	FPB	12	Y	Y	1800	2000	C-6	1 7/8	Box	12	
			<i>SOFTRAY</i>	S4123	65MR16/FL/FR/C	FL 36	-	12	Y	Y	880	2000	C-6	1 7/8	Box	12
			75	MR16	GU5.3/GX5.3	S4187	75MR16/FL/C	FL 38	EYC	12	Y	Y	1650	2000	C-6	1 7/8
S4188	75MR16/SP/C	SP 9	EYF			12	Y	Y	8700	2000	C-6	1 7/8	Box	12		

MR11 Bi Pin Coated Lensed Reflector 12 Volt (Black or Silver)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR11	GZ4	S4170	20MR11/FTD/S/C	NFL 30	FTD	12	Y	700	3000	AX	1 ¼	Box	12
			S4173	20MR11/FTD/B/C	NFL 30	FTD	12	Y	700	3000	AX	1 ¼	Box	12
35	MR11	GZ4	S4172	35MR11/FTH/S/C	NFL 30	FTH	12	Y	1250	3000	AX	1 ¼	Box	12
			S4174	35MR11/FTH/B/C	NFL 30	FTH	12	Y	1250	3000	AX	1 ¼	Box	12



MR16 Bi Pin Coated Lensed Reflector 12 Volt (Black or Silver)

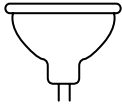
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Finish	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	GU5.3/GX5.3	S4175	20MR16/BAB/S/C	FL 38	BAB	12	Silver	Y	700	3000	AX	1 7/8	Box	12
			S4178	20MR16/BAB/B/C	FL 38	BAB	12	Black	Y	700	3000	AX	1 7/8	Box	12
35	MR16	GU5.3/GX5.3	S4176	35MR16/FMW/S/C	FL 38	FMW	12	Silver	Y	1250	3000	AX	1 7/8	Box	12
			S4179	35MR16/FMW/B/C	FL 38	FMW	12	Black	Y	1250	3000	AX	1 7/8	Box	12
50	MR16	GU5.3/GX5.3	S4177	50MR16/EXN/S/C	FL 38	EXN	12	Silver	Y	1250	3000	AX	1 7/8	Box	12
			S4180	50MR16/EXN/B/C	FL 38	EXN	12	Black	Y	1250	3000	AX	1 7/8	Box	12

MR16 GU10 Coated Lensed Reflector 120 Volt (Black, Silver or Aluminized)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Finish	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	GU10	S4190	20MR16/BAB/ALU/GU10	FL 38	BAB	120	Alu.	Y	700	3000	AX	1 7/8	Box	12
35	MR16	GU10	S4181	35MR16/FMW/S/GU10	FL 38	FMW	120	Silver	Y	1250	3000	CC-8	1 7/8	Box	12
			S4183	35MR16/FMW/B/GU10	FL 38	FMW	120	Black	Y	1250	3000	CC-8	1 7/8	Box	12
			S4192	35MR16/FMW/ALU/GU10	FL 38	BAB	120	Alu.	Y	1250	3000	AX	1 7/8	Box	12
50	MR16	GU10	S4182	50MR16/EXN/S/GU10	FL 38	FMW	120	Silver	Y	1700	3000	CC-8	1 7/8	Box	12
			S4184	50MR16/EXN/B/GU10	FL 38	FMW	120	Black	Y	1700	3000	CC-8	1 7/8	Box	12
			S4194	50MR16/EXN/ALU/GU10	FL 38	BAB	120	Alu.	Y	1700	3000	AX	1 7/8	Box	12

MR16 Bi Pin Aluminized Reflector 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton	Notes
20	MR16	GU5.3/GX5.3	S2603 ▲	20MR16/B/NSP	NSP 10	ESX	12	N	Y	4650	4000	AX	1 3/4	Box	20	6
			S2601 ▲	20MR16/B/FL	FL 35	BAB	12	N	Y	625	4000	AX	1 3/4	Box	20	6
35	MR16	GU5.3/GX5.3	S2605 ▲	35MR16/B/FL	FL 35	FMW	12	N	Y	1300	4000	AX	1 3/4	Box	20	6
50	MR16	GU5.3/GX5.3	S2610 ▲	50MR16/B/SP	SP 11	EXT	12	N	Y	10500	4000	AX	1 3/4	Box	20	6
			S2609 ▲	50MR16/B/NFL	NFL 25	EXZ	12	N	Y	3000	4000	AX	1 3/4	Box	20	6
			S2607 ▲	50MR16/B/FL	FL 35	EXN	12	N	Y	1900	4000	AX	1 3/4	Box	20	6



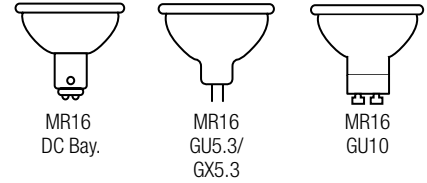
MR16
GU5.3/
GX5.3

MR16 Bi Pin Hard Coated Dichroic Reflector 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton	Notes
20	MR16	GU5.3/GX5.3	S2616 ▲	20MR16/T/SP/C	SP 10	ESX	12	Y	Y	5000	4000	AX	1 ¾	Box	20	7
			S2615 ▲	20MR16/T/FL/C	FL 40	BAB	12	Y	Y	700	4000	AX	1 ¾	Box	20	7
			S2617 ▲	20MR16/T/WFL/C	WFL 60	–	12	Y	Y	350	4000	AX	1 ¾	Box	20	7
35	MR16	GU5.3/GX5.3	S2620 ▲	35MR16/T/SP/C	SP 10	FRB	12	Y	Y	8300	4000	AX	1 ¾	Box	20	7
			S2619 ▲	35MR16/T/NFL/C	NFL 25	–	12	Y	Y	3100	4000	AX	1 ¾	Box	20	7
			S2618 ▲	35MR16/T/FL/C	FL 40	FMW	12	Y	Y	1250	4000	AX	1 ¾	Box	20	7
			S2621 ▲	35MR16/T/WFL/C	WFL 60	–	12	Y	Y	650	4000	AX	1 ¾	Box	20	7
50	MR16	GU5.3/GX5.3	S2624 ▲	50MR16/T/SP/C	SP 10	EXT	12	Y	Y	11500	4000	AX	1 ¾	Box	20	7
			S2623 ▲	50MR16/T/NFL/C	NFL 25	EXZ	12	Y	Y	3200	4000	AX	1 ¾	Box	20	7
			S2622 ▲	50MR16/T/FL/C	FL 40	EXN	12	Y	Y	2000	4000	AX	1 ¾	Box	20	7
			S2625 ▲	50MR16/T/WFL/C	WFL 60	FNV	12	Y	Y	1000	4000	AX	1 ¾	Box	20	7

MR16 Bi Pin Energy Saver 12 Volt with Infrared Reflective Coating

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton	Notes
20	MR16	GU5.3/GX5.3	S2632 ▲	20MR16/IR/SP	SP 10	12	Y	Y	6000	4000	AX	1 ¾	Box	20	8
			S2631 ▲	20MR16/IR/NFL	NFL 25	12	Y	Y	2300	4000	AX	1 ¾	Box	20	8
			S2630 ▲	20MR16/IR/FL	FL 40	12	Y	Y	1000	4000	AX	1 ¾	Box	20	8
			S2633 ▲	20MR16/IR/WFL	WFL 60	12	Y	Y	450	4000	AX	1 ¾	Box	20	8
37	MR16	GU5.3/GX5.3	S2636 ▲	37MR16/IR/SP	SP 10	12	Y	Y	12500	4000	AX	1 ¾	Box	20	8
			S2635 ▲	37MR16/IR/NFL	NFL 25	12	Y	Y	4400	4000	AX	1 ¾	Box	20	8
			S2634 ▲	37MR16/IR/FL	FL 40	12	Y	Y	2200	4000	AX	1 ¾	Box	20	8
			S2637 ▲	37MR16/IR/WFL	WFL 60	12	Y	Y	1100	4000	AX	1 ¾	Box	20	8
50	MR16	GU5.3/GX5.3	S2640 ▲	50MR16/IR/SP	SP 10	12	Y	Y	15000	4000	AX	1 ¾	Box	20	8
			S2639 ▲	50MR16/IR/NFL	NFL 25	12	Y	Y	5700	4000	AX	1 ¾	Box	20	8
			S2638 ▲	50MR16/IR/FL	FL 40	12	Y	Y	2850	4000	AX	1 ¾	Box	20	8
			S2641 ▲	50MR16/IR/WFL	WFL 60	12	Y	Y	1430	4000	AX	1 ¾	Box	20	8



MR16 DC Bay. 12 Volt

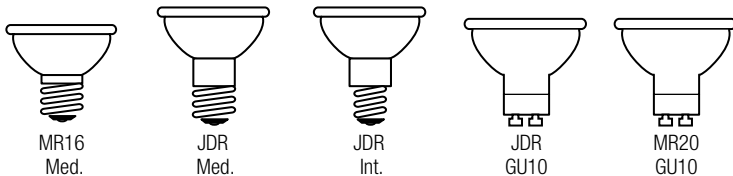
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	DC Bay.	S1971	20MR16/DC/NSP	NSP 9	GEU	12	Y	Y	4100	2000	C-8	1 7/8	Box	12
			S1970	20MR16/DC/FL	FL 36	GES	12	Y	Y	450	2000	C-6	1 7/8	Box	12
50	MR16	DC Bay.	S1973	50MR16/DC/NSP	NSP 9	GBT	12	Y	Y	6500	2000	C-8	1 7/8	Box	12
			S1972	50MR16/DC/FL	FL 36	GBW	12	Y	Y	1500	2000	C-8	1 7/8	Box	12
65	MR16	DC Bay.	S1975	65MR16/DC/NSP	NSP 9	-	12	Y	Y	9500	2000	C-8	1 7/8	Box	12
			S1974	65MR16/DC/FL	FL 36	-	12	Y	Y	10000	2000	C-8	1 7/8	Box	12

MR16 Bi Pin 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	GU5.3/GX5.3	S1976	20MR16/FL/120V	FL 36	120	Y	Y	220	2000	CC-8	1 7/8	Box	12
		G8	S3445	20MR16/FL/120V	FL 36	120	Y	Y	220	2000	CC-8	1 7/8	CD/1	12
			S4626	20MR16/FL/120V	FL 36	120	Y	N	220	2000	CC-8	1 7/8	Box	12
35	MR16	GU5.3/GX5.3	S1977	35MR16/FL/120V	FL 36	120	Y	Y	440	2000	CC-8	1 7/8	Box	12
		G8	S4627	35MR16/FL/120V	FL 36	120	Y	N	440	2000	CC-8	1 7/8	Box	12
50	MR16	GU5.3/GX5.3	S1978	50MR16/FL/120V	FL 36	120	Y	Y	1000	2000	CC-8	1 7/8	Box	12
		G8	S3446	50MR16/FL/120V	FL 36	120	Y	Y	1000	2000	CC-8	1 7/8	CD/1	12
			S4618	50MR16/FL/120V	FL 36	120	Y	N	1000	2000	CC-8	1 7/8	Box	12

MR16 GU10 (Twist Base) 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	GU10	S3515	20MR16/GU10/FL	FL 36	120	Y	Y	200	2000	CC-8	1 7/8	Box	12
			S3500	20MR16/GU10/FL	FL 36	120	Y	Y	200	2000	CC-8	1 7/8	CD/1	12
			<i>SOFTRAY</i>	S4127	20MR16/GU10/FL/FR	FL 36	120	Y	Y	200	2000	CC-8	1 7/8	Box
35	MR16	GU10	S3516	35MR16/GU10/FL	FL 36	120	Y	Y	400	2000	CC-8	1 7/8	Box	12
			S3501	35MR16/GU10/FL	FL 36	120	Y	Y	400	2000	CC-8	1 7/8	CD/1	12
			<i>SOFTRAY</i>	S4128	35MR16/GU10/FL/FR	FL 36	120	Y	Y	400	2000	CC-8	1 7/8	Box
50	MR16	GU10	S3517	50MR16/GU10/FL	FL 36	120	Y	Y	900	2000	CC-8	1 7/8	Box	12
			S3502	50MR16/GU10/FL	FL 36	120	Y	Y	900	2000	CC-8	1 7/8	CD/1	12
			<i>SOFTRAY</i>	S4129	50MR16/GU10/FL/FR	FL 36	120	Y	Y	900	2000	CC-8	1 7/8	Box



MR16 & JDR Screw Base 120 Volt

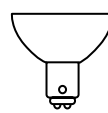
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	MR16	Med.	S4623	20MR16/FL/MED	FL 36	120	Y	Y	700	2000	CC-8	1 7/8	Box	12
35	MR16	Med.	S4624	35MR16/FL/MED	FL 36	120	Y	Y	1250	2000	CC-8	1 7/8	Box	12

MR16 & JDR Screw Base 120 Volt

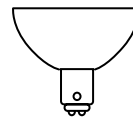
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
50	MR16	Med.	S4625	50MR16/FL/MED	FL 36	120	Y	Y	1700	2000	CC-8	2	Box	12
	JDR	Med.	S3139	50JDR/FL	FL 36	120	Y	Y	950	2000	CC-8	2 5/8	Box	12
75	JDR	Int.	S3115	75JDR/N/FL	FL 36	120	Y	Y	1200	2000	CC-8	2 3/4	Box	12
			S3434	75JDR/N/FL	FL 36	120	Y	Y	1650	2000	CC-8	2 5/8	CD/1	12
	Med.	S3113	75JDR/FL	FL 36	120	Y	Y	1200	2000	CC-8	2 5/8	Box	12	
		S3438	75JDR/FL	FL 36	120	Y	Y	1200	2000	CC-8	2 5/8	CD/1	12	
100	JDR	Int.	S3116	100JDR/N/FL	FL 36	120	Y	Y	1950	2000	CC-8	2 3/4	Box	12
			S3435	100JDR/N/FL	FL 36	120	Y	Y	1950	2000	CC-8	2 7/8	CD/1	12
	Med.	S3114	100JDR/FL	FL 36	120	Y	Y	2000	2000	CC-8	2 5/8	Box	12	
		S3439	100JDR/FL	FL 36	120	Y	Y	1950	2000	CC-8	2 7/8	CD/1	12	

MR20 & JDR GU10 (Twist Base) 120 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
50	JDR	GU10	S3519	50JDR-C/GU10/FR	FL 50	120	Y	Y	1600	2000	CC-8	2	Box	12
75	MR20	GU10	S3518	75MR20/GU10/FL	FL 50	120	Y	Y	1600	2000	CC-8	2	Box	12



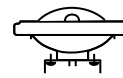
ALR12
DC Bay.



ALR18
DC Bay.



AR70
DC Bay.



AR111
G53

Aluminum Reflector Lamps

ALR Closed Aluminum Reflector 12 Volt

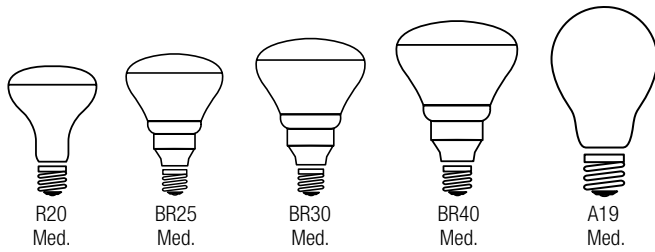
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	ANSI	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Master/Inner Carton	
20	ALR12	DC Bay.	S2642 † ▲	20ALR12/NSP/CLR	NSP 6	GBD	12	Y	Y	6400	2000	C-8	1 3/8	Box	50	
			S2643 ▲	20ALR12/SP/FRST	SP 18	GBE	12	Y	Y	1000	2000	C-8	1 3/8	Box	50	
			S2644 ▲	20ALR12/FL/FRST	FL 32	GBF	12	Y	Y	350	2000	C-8	1 3/8	Box	50	
			Shatter Proof	S3937	20ALR12/FL/FRST	FL 32	GBF	12	Y	Y	350	2000	C-8	1 3/8	Box	50
				S4189	20ALR12/FL/FRST	FL 32	GBF	12	Y	Y	350	2000	C-8	1 3/8	Box	200/10
50	ALR18	DC Bay.	S2645 ▲	50ALR18/NFL/FRST	NFL 22	GBK	12	Y	Y	2000	2000	C-8	2 1/4	Box	50	

AR70 Aluminum Reflector 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
20	AR70	DC Bay.	S2842 ■	20AR70/SP8	SP 8	12	N	Y	7700	3000	C-8	1 15/16	Box	10
			S4681 ▲	20AR70/FL25	FL 25	12	N	Y	900	3000	C-8	1 15/16	Box	10
50	AR70	DC Bay.	S4682 ▲	50AR70/SP8	SP 8	12	N	Y	12500	3000	C-8	1 15/16	Box	10
			S4683 ▲	50AR70/FL25	FL 25	12	N	Y	2600	3000	C-8	1 15/16	Box	10

AR111 Aluminum Reflector 6 & 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Lens	UV Block	CBCP	Avg. Rated Hours	Filament	M.O.L. Inches	Pkg. Type	Carton
35	AR111	G53	S4684 ▲	35AR111/SSP4	SSP 4	12	N	Y	40000	3000	C-8	2 3/8	Box	6
			S4686 ▲	35AR111/SP8	SP 8	12	N	Y	14000	3000	C-8	2 5/16	Box	6
			S4687 ▲	35AR111/FL25	NFL 25	12	N	Y	2500	3000	C-8	2 5/16	Box	6
50	AR111	G53	S4688 ▲	50AR111/SSP4	SSP 4	12	N	Y	45000	3000	C-8	2 3/8	Box	6
			S4689 ▲	50AR111/SP8	SP 8	12	N	Y	20000	3000	C-8	2 1/4	Box	6
			S4690 ▲	50AR111/FL25	NFL 25	12	N	Y	4000	3000	C-8	2 5/16	Box	6
75	AR111	G53	S4691 ▲	75AR111/SP8	SP 8	12	N	Y	30000	3000	C-8	2 1/4	Box	6
			S4692 ▲	75AR111/FL25	NFL 25	12	N	Y	5300	3000	C-8	2 5/16	Box	6
100	AR111	G53	S4694 ▲	100AR111/SP8	SP 8	12	N	Y	48000	3000	C-8	2 1/4	Box	6
			S4695 ▲	100AR111/FL25	NFL 25	12	N	Y	8500	3000	C-8	2 5/16	Box	6



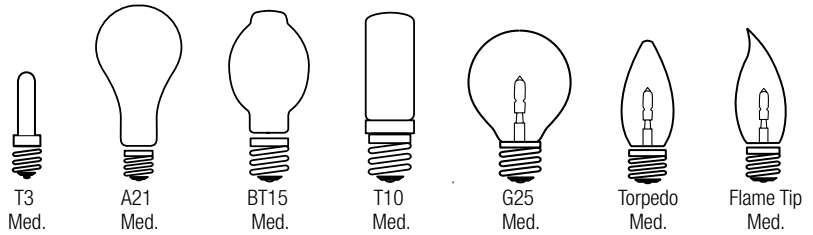
R20, BR25, BR30 & R40 Reflector 120 & 130 Volt – Halogen

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	M.O.L. Inches	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton
45	R20	Med.	S4514	45R20/FL/HAL	FL 70	120	Frost	4	560	2000	Sleeve	48/6
			S4414	45R20/FL/HAL/130V	FL 70	130	Frost	4	540	2000	Sleeve	48/6
	BR25		S2451	45BR25/FL/HAL/120V	FL 70	120	Frost	4 ¾	560	2000	Box	24/12
65	BR30	Med.	S4515	65BR30/FL/HAL	FL 80	120	Frost	5 3/8	920	2000	Sleeve	48/6
			S4415	65BR30/FL/HAL/130V	FL 80	130	Frost	6 ½	900	2000	Sleeve	48/6
	BR40	Med.	S4516	65BR40/FL/HAL	FL 90	120	Frost	6 ½	920	2000	Sleeve	24/6
			S4416	65BR40/FL/HAL/130V	FL 90	130	Frost	6 ½	900	2000	Sleeve	24/6

Halogen A19

Halogen/Excel A19 Replacements

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Finish	M.O.L. Inches	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton
29	A19	Med.	S2401	40W	29A19/HAL/ES/CL/120V/2PK	120	Clear	4 ½	430	1000	Box	12/2
			S2405	40W	29A19/HAL/ES/SW/120V/2PK	120	White	4 ½	430	1000	Box	12/2
43	A19	Med.	S2402	60W	43A19/HAL/ES/CL/120V/2PK	120	Clear	4 ½	750	1000	Box	12/2
			S2406	60W	43A19/HAL/ES/SW/120V/2PK	120	White	4 ½	750	1000	Box	12/2
			S2448	60W	43A19/HAL/ES/SW/120V/4PK	120	White	4 ½	750	1000	Box	12/4
53	A19	Med.	S2403	75W	53A19/HAL/ES/CL/120V/2PK	120	Clear	4 ½	1050	1000	Box	12/2
			S2407	75W	53A19/HAL/ES/SW/120V/2PK	120	White	4 ½	1050	1000	Box	12/2
			S2449	75W	53A19/HAL/ES/SW/120V/4PK	120	White	4 ½	1050	1000	Box	12/4
72	A19	Med.	S2404	100W	72A19/HAL/ES/CL/120V/2PK	120	Clear	4 ½	1490	1000	Box	12/2
			S2408	100W	72A19/HAL/ES/SW/120V/2PK	120	White	4 ½	1490	1000	Box	12/2
			S2450	100W	72A19/HAL/ES/SW/120V/4PK	120	White	4 ½	1490	1000	Box	12/4



Tubular and BT Shape

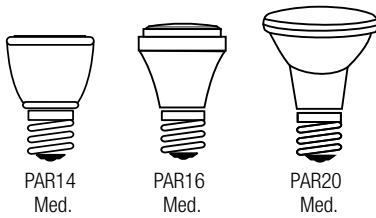
Med. Base Tubular and A Style Replacements

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
20	T3	Med.	S4308	KX20CL/3M/E26	120	Clear	2 ¾	200	3000	Box	10	1
			S4309	KX20FR/3M/E26	120	Frost	2 ¾	200	3000	Box	10	1
30/70/100	A21	Med.	S4505	30/100A/HAL	120	White	5 1/16	295/785/1080	4000	Sleeve	36/12	
40	T3	Med.	S4310	KX40CL/3M/E26	120	Clear	2 ¾	560	3000	Box	10	1
			S4311	KX40FR/3M/E26	120	Frost	2 ¾	560	3000	Box	10	1
43	BT15	Med.	S2452	43BT15/CL/120V/CD	120	Clear	4	750	1000	CD/1	24/6	
			S2453	43BT15/WH/120V/CD	120	White	4	750	1000	CD/1	24/6	
50/100/150	A21	Med.	S4506	50/150A/HAL	120	White	5 1/16	585/1400/1985	4000	Sleeve	36/12	
53	BT15	Med.	S2454	53BT15/WH/120V/CD	120	White	4	1050	1000	CD/1	24/6	
60	T3	Med.	S4312	KX60CL/3M/E26	120	Clear	2 ¾	960	3000	Box	10	1
			S4313	KX60FR/3M/E26	120	Frost	2 ¾	960	3000	Box	10	1
72	BT15	Med.	S2455	72BT15/WH/120V/CD	120	White	4	1490	1000	CD/1	24/6	
150	T10	Med.	S3474	150T10Q/CL	120	Clear	4	2600	2000	CD/1	12	
			S3478	150T10Q/F	120	Frost	4	2600	2000	CD/1	12	
			S3620 ▲	150T10Q/CL	230	Clear	4	2600	2000	CD/1	12	
250	T10	Med.	S3475	250T10Q/CL	120	Clear	4	4000	2000	CD/1	12	
			S3479	250T10Q/F	120	Frost	4	3600	2000	CD/1	12	

Decorative Halogen Lamps

Halogen/Excel Globe and Chandelier

Watts	Bulb Type	Base	Satco Prod. #	Incand. Equiv.	Lamp Code	Volts	Finish	M.O.L. Inches	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton
43	G25	Med.	S2437	60W	43G25/CL/120V	120	Clear	4 3/8	750	1000	Box	72/6
			S2438	60W	43G25/WH/120V	120	White	4 3/8	750	1000	Box	72/6
			S2441	60W	43G25/CL/120V/3PK	120	Clear	4 3/8	750	1000	Box	40/3
			S2442	60W	43G25/WH/120V/3PK	120	White	4 3/8	750	1000	Box	40/3
	Torpedo	Med.	S2443	60W	43ETC/HAL/120V/E26/CD	120	Clear	3 ½	750	1000	CD/2	120/12
			S2444	60W	43ETF/HAL/120V/E26/CD	120	Frost	3 ½	750	1000	CD/2	120/12
			S2445	60W	43ETW/HAL/120V/E26/CD	120	White	3 ½	750	1000	CD/2	120/12
			S2457	60W	43ETC/HAL/120V/E26 1/BX	120	Clear	3 ½	750	1000	Box	500/25
	Flame Tip	Med.	S2446	60W	43EFC/HAL/120V/E26/CD	120	Clear	4 ¾	750	1000	CD/2	120/12
S2447			60W	43EFF/HAL/120V/E26/CD	120	Frost	4 ¾	750	1000	CD/2	120/12	



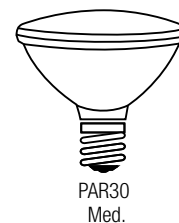
Halogen PAR Lamps

PAR14 and PAR16

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton Notes
35	PAR14	Med.	S4658 ▲	35PAR14/CAP/FL	WFL 50	120	Clear	85	2 1/16	CC-8	300	2000	Box	6
45	PAR16	Med.	S2200	45PAR16/HAL/NFL	NFL 30	120	Clear	1250	3 3/16	CC-8	360	2500	Box	15
			S2300	45PAR16/HAL/NFL	NFL 30	130	Clear	1250	3 3/16	CC-8	360	2500	Box	15
60	PAR16	Med.	S2202	60PAR16/HAL/NSP	NSP 10	120	Clear	4700	3 3/16	CC-8	550	2500	Box	15
			S4902 ▲	60PAR16/CAP/NSP	NSP 10	120	Clear	5000	2 7/8	CC-8	650	2000	Box	15
			S2302	60PAR16/HAL/NSP	NSP 10	130	Clear	4700	3 3/16	CC-8	550	2500	Box	15
			S4903 ▲	60PAR16/CAP/NSP	NSP 10	130	Clear	5000	2 7/8	CC-8	650	2000	Box	15
			S2201	60PAR16/HAL/NFL	NFL 30	120	Clear	2000	3 3/16	CC-8	550	2500	Box	15
			S4900 ▲	60PAR16/CAP/NFL	NFL 30	120	Clear	1300	2 7/8	CC-8	650	2000	Box	15
			S2301	60PAR16/HAL/NFL	NFL 30	130	Clear	2000	3 3/16	CC-8	550	2500	Box	15
			S4901 ▲	60PAR16/CAP/NFL	NFL 30	130	Clear	1300	2 7/8	CC-8	650	2000	Box	15
75	PAR16	Med.	S2204	75PAR16/HAL/NSP	NSP 10	120	Clear	7000	3 3/16	CC-8	800	2500	Box	15
			S4906 ▲	75PAR16/CAP/NSP	NSP 10	120	Clear	7500	2 7/8	CC-8	900	2000	Box	15
			S4907 ▲	75PAR16/CAP/NSP	NSP 10	130	Clear	7500	2 7/8	CC-8	900	2000	Box	15
			S2203	75PAR16/HAL/NFL	NFL 30	120	Clear	2750	3 3/16	CC-8	800	2500	Box	15
			S4904 ▲	75PAR16/CAP/NFL	NFL 30	120	Clear	1900	2 7/8	CC-8	900	2000	Box	15
			S2303	75PAR16/HAL/NFL	NFL 30	130	Clear	2750	3 3/16	CC-8	800	2500	Box	15
			S4905 ▲	75PAR16/CAP/NFL	NFL 30	130	Clear	1900	2 7/8	CC-8	900	2000	Box	15
			<i>SOFT RAY</i> S4109	75PAR16/HAL/FL/Frost	FL 38	120	Frost	1000	3 3/16	CC-8	725	2500	Box	15 5

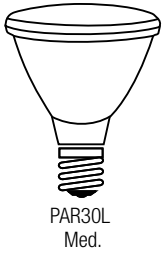
PAR20

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
39	PAR20	Med.	S2231	39PAR20/HAL/XEN/NSP/120V	NSP 10	120	Clear	4700	3 1/4	CC-8	530	1500	Box	15	
			Y16103 ▲	39PAR20/HAL/SP10/120V	SP 10	120	Clear	3700	3 1/4	CC-8	475	1500	Box	10	
			Y16108 ▲	39PAR20/HAL/SP10/130V	SP 10	130	Clear	3700	3 1/4	CC-8	475	1500	Box	10	
			S2328	39PAR20/HAL/XEN/NFL/130V	NFL 30	130	Clear	1300	3 1/4	CC-8	530	2000	Box	15	
			S2232	39PAR20/HAL/XEN/NFL/120V	NFL 34	120	Clear	1300	3 1/4	CC-8	530	1500	Box	15	
			S2267	39PAR20/HAL/XEN/NFL/120V 2PK	NFL 34	120	Clear	1300	3 1/4	CC-8	530	1500	Box	8-2pks	
			Y16104 ▲	39PAR20/HAL/FL30/120V	FL 30	120	Clear	1000	3 1/4	CC-8	475	1500	Box	10	
			Y16109 ▲	39PAR20/HAL/FL30/130V	FL 30	130	Clear	1000	3 1/4	CC-8	475	1500	Box	10	
			<i>SOFT RAY</i> S4130	39PAR20/HAL/XEN/FL/FR/120V	FL 42	120	Frost	500	3 1/4	CC-8	500	1500	Box	15	5
			<i>SOFT RAY</i> S4208	39PAR20/HAL/XEN/FL/FR/130V	FL 42	130	Frost	500	3 1/4	CC-8	500	2000	Box	15	5



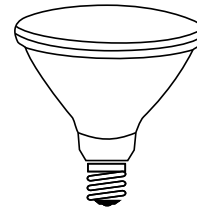
PAR30 Short Neck

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes	
39	PAR30	Med.	S2233	39PAR30/HAL/XEN/NSP/120V	NSP 9	120	Clear	6500	3 5/8	CC-8	530	1500	Box	15		
			Y16117 ▲	39PAR30/HAL/SP10/120V	SP 10	120	Clear	6100	3 5/8	CC-8	550	1500	Box	10		
			Y16121 ▲	39PAR30/HAL/SP10/130V	SP 10	130	Clear	6100	3 5/8	CC-8	550	1500	Box	10		
			S2234	39PAR30/HAL/XEN/NFL/120V	NFL 34	120	Clear	1350	3 5/8	CC-8	530	1500	Box	15		
			Y16118 ▲	39PAR30/HAL/NFL25/120V	NFL 25	120	Clear	1700	3 5/8	CC-8	550	1500	Box	10		
			S2330	39PAR30/HAL/XEN/NFL/130V	NFL 34	130	Clear	1350	3 5/8	CC-8	530	2000	Box	15		
			Y16122 ▲	39PAR30/HAL/NFL25/130V	NFL 25	130	Clear	1700	3 5/8	CC-8	550	1500	Box	10		
			S2335	39PAR30/HAL/XEN/WFL/130V	WFL 50	130	Clear	750	3 5/8	CC-8	530	2000	Box	15		
			Y16119 ▲	39PAR30/HAL/WFL50/120V	WFL 50	120	Clear	600	3 5/8	CC-8	550	1500	Box	10		
			Y16123 ▲	39PAR30/HAL/WFL50/130V	WFL 50	130	Clear	600	3 5/8	CC-8	550	1500	Box	10		
			<i>SOFT RAY</i>	S4131	39PAR30/HAL/XEN/FL/FR/120V	FL 42	120	Frost	550	3 5/8	CC-8	500	1500	Box	15	5
			<i>SOFT RAY</i>	S4209	39PAR30/HAL/XEN/FL/FR/130V	FL 42	130	Frost	550	3 5/8	CC-8	500	2000	Box	15	5
				S2235	39PAR30/HAL/XEN/WFL/120V	WFL 50	120	Clear	750	3 5/8	CC-8	530	1500	Box	15	
60	PAR30	Med.	S2236	60PAR30/HAL/XEN/NSP/120V	NSP 9	120	Clear	10500	3 5/8	CC-8	1090	1500	Box	15		
			Y16127 ▲	60PAR30/HAL/S/SP10/120V	SP 10	120	Clear	12000	3 5/8	CC-8	1070	1500	Box	10		
			S2237	60PAR30/HAL/XEN/NFL/120V	NFL 34	120	Clear	2300	3 5/8	CC-8	1090	1500	Box	15		
			Y16128 ▲	60PAR30/HAL/S/NFL25/120V	NFL 25	120	Clear	3300	3 5/8	CC-8	1070	1500	Box	10		
			S2268	60PAR30/HAL/XEN/NFL/120V 2PK	NFL 34	120	Clear	2300	3 5/8	CC-8	1090	1500	Box	8-2pks		
			S2238	60PAR30/HAL/XEN/WFL/120V	WFL 50	120	Clear	950	3 5/8	CC-8	1090	1500	Box	15		
			Y16129 ▲	60PAR30/HAL/S/WFL50/120V	WFL 50	120	Clear	1300	3 5/8	CC-8	1070	1500	Box	10		

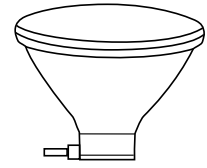


PAR30 Long Neck

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton			
39	PAR30	Med.	S2239	39PAR30L/HAL/XEN/NSP/120V	NSP 9	120	Clear	6500	4 1/2	CC-8	530	1500	Box	15			
			Y16153 ▲	39PAR30LN/HAL/SP10/120V	SP 10	120	Clear	6100	4 5/8	CC-8	550	1500	Box	10			
			Y16159 ▲	39PAR30LN/HAL/SP10/130V	SP 10	130	Clear	6100	4 5/8	CC-8	550	1500	Box	10			
			S2240	39PAR30L/HAL/XEN/NFL/120V	NFL 34	120	Clear	1350	4 1/2	CC-8	530	1500	Box	15			
			Y16154 ▲	39PAR30LN/HAL/NFL25/120V	NFL 25	120	Clear	1700	4 5/8	CC-8	550	1500	Box	10			
			S2332	39PAR30L/HAL/XEN/NFL/130V	NFL 36	130	Clear	1350	4 1/2	CC-8	530	2000	Box	15			
			Y16160 ▲	39PAR30LN/HAL/NFL25/130V	NFL 25	130	Clear	1700	4 5/8	CC-8	550	1500	Box	10			
			<i>SOFT RAY</i> S4132	39PAR30L/HAL/XEN/FL/FR/120V	FL 42	120	Frost	550	4 1/2	CC-8	500	1500	Box	15			
			<i>SOFT RAY</i> S4210	39PAR30L/HAL/XEN/FL/FR/130V	FL 42	130	Frost	550	4 1/2	CC-8	500	2000	Box	15			
			S2241	39PAR30L/HAL/XEN/WFL/120V	WFL 50	120	Clear	750	4 1/2	CC-8	530	1500	Box	15			
			Y16156 ▲	39PAR30LN/HAL/WFL50/120V	WFL 50	120	Clear	600	4 5/8	CC-8	550	1500	Box	10			
			S2336	39PAR30L/HAL/XEN/WFL/130V	WFL 50	130	Clear	750	4 1/2	CC-8	530	2000	Box	15			
			Y16161 ▲	39PAR30LN/HAL/WFL50/130V	WFL 50	130	Clear	600	4 5/8	CC-8	550	1500	Box	10			
			60	PAR30	Med.	S2242	60PAR30L/HAL/XEN/NSP/120V	NSP 9	120	Clear	10500	4 1/2	CC-8	1090	1500	Box	15
						Y16166 ▲	60PAR30LN/HAL/S/SP10/120V	SP 10	120	Clear	12000	4 5/8	CC-8	1070	1500	Box	10
S2243	60PAR30L/HAL/XEN/NFL/120V	NFL 34				120	Clear	2300	4 1/2	CC-8	1090	1500	Box	15			
S2269	60PAR30L/HAL/XEN/NFL/120V 2PK	NFL 34				120	Clear	2300	4 1/2	CC-8	1090	1500	Box	8-2pks			
Y16167 ▲	60PAR30LN/HAL/S/NFL25/120V	NFL 25				120	Clear	3300	4 5/8	CC-8	1070	1500	Box	10			
S2244	60PAR30L/HAL/XEN/WFL/120V	WFL 50				120	Clear	950	4 1/2	CC-8	1090	1500	Box	15			
Y16168 ▲	60PAR30LN/HAL/S/WFL50/120V	WFL 50				120	Clear	1300	4 5/8	CC-8	1070	1500	Box	10			



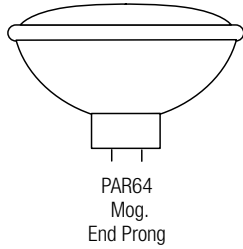
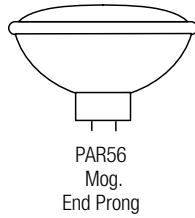
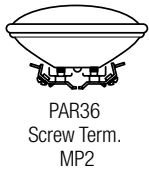
PAR38
Med. Sk.



PAR38
Med. Side Prong
MSPG

PAR38

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	Finish	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton	Notes
39	PAR38	Med. Sk.	S2245	39PAR38/HAL/XEN/NSP/120V	NSP 9	120	Clear	5000	5 5/16	CC-8	530	1500	Box	15	
			Y16728 ▲	39PAR38/HAL/SP10/120V	SP 10	120	Clear	7700	5 5/16	CC-8	550	1500	Box	10	
			Y16732 ▲	39PAR38/HAL/SP10/130V	SP 10	130	Clear	7700	5 5/16	CC-8	550	1500	Box	10	
			S2246	39PAR38/HAL/XEN/FL/120V	FL 30	120	Clear	1100	5 5/16	CC-8	530	1500	Box	15	
			Y16729 ▲	39PAR38/HAL/NFL25/120V	NFL 25	120	Clear	2100	5 5/16	CC-8	550	1500	Box	10	
			S2334	39PAR38/HAL/XEN/NFL/130V	FL 30	130	Clear	1100	5 5/16	CC-8	530	2000	Box	15	
			Y16733 ▲	39PAR38/HAL/NFL25/130V	NFL 25	130	Clear	2100	5 5/16	CC-8	550	1500	Box	10	
			<i>SOFT RAY</i> S4133	39PAR38/HAL/XEN/FL/FR/120V	FL 42	120	Frost	550	5 5/16	CC-8	500	1500	Box	15	5
			<i>SOFT RAY</i> S4211	39PAR38/HAL/XEN/FL/FR/130V	FL 42	130	Frost	550	5 5/16	CC-8	500	2000	Box	15	5
50	PAR38	Med. Sk.	Y16734 ▲	50PAR38/HAL/S/SP10/120V	SP 10	120	Clear	11900	5 5/16	CC-8	850	1500	Box	10	
			Y16735 ▲	50PAR38/HAL/S/NFL25/120V	NFL 25	120	Clear	3300	5 5/16	CC-8	850	1500	Box	10	
60	PAR38	Med. Sk.	S2247	60PAR38/HAL/XEN/NSP/120V	NSP 9	120	Clear	12000	5 5/16	CC-8	1090	1500	Box	15	
			Y16737 ▲	60PAR38/HAL/S/SP10/120V	SP 10	120	Clear	14900	5 5/16	CC-8	1070	1500	Box	10	
			S2248	60PAR38/HAL/XEN/FL/120V	FL 30	120	Clear	2500	5 5/16	CC-8	1090	1500	Box	15	
			Y16738 ▲	60PAR38/HAL/S/NFL25/120V	NFL 25	120	Clear	4100	5 5/16	CC-8	1070	1500	Box	10	
			S2249	60PAR38/HAL/XEN/FL/2PK/120V	FL 30	120	Clear	2500	5 5/16	CC-8	1090	1500	Box	8	
70	PAR38	Med. Sk.	S2256	70PAR38/HAL/XEN/NSP/120V	NSP 9	120	Clear	14000	5 5/16	CC-8	1380	1500	Box	15	
			Y16742 ▲	70PAR38/HAL/S/SP10/120V	SP 10	120	Clear	18200	5 5/16	CC-8	1305	1500	Box	10	
			S2257	70PAR38/HAL/XEN/FL/120V	FL 30	120	Clear	3000	5 5/16	CC-8	1380	1500	Box	15	
			Y16743 ▲	70PAR38/HAL/S/NFL25/120V	NFL 25	120	Clear	5100	5 5/16	CC-8	1305	1500	Box	10	
80	PAR38	Med. Sk.	S2258	80PAR38/HAL/XEN/NSP/120V	NSP 9	120	Clear	20000	5 5/16	CC-8	1600	1500	Box	15	
			Y16747 ▲	80PAR38/HAL/S/SP10/120V	SP 10	120	Clear	21600	5 5/16	CC-8	1545	1500	Box	10	
			S2259	80PAR38/HAL/XEN/FL/120V	FL 30	120	Clear	4500	5 5/16	CC-8	1600	1500	Box	15	
			Y16748 ▲	80PAR38/HAL/S/NFL25/120V	NFL 25	120	Clear	6000	5 5/16	CC-8	1545	1500	Box	10	
			S2260	80PAR38/HAL/XEN/FL/2PK/120V	FL 30	120	Clear	4500	5 5/16	CC-8	1600	1500	Box	8	
			Y16751 ▲	80PAR38/HAL/S/WFL50/120V	WFL 50	120	Clear	2300	5 5/16	CC-8	1545	1500	Box	10	
90	PAR38	MSPG	S4674 ▲	90PAR38/CAP/3WSP	WSP 12	120	Clear	14300	4 5/16	CC-8	1310	2500	Box	15	9
			S4675 ▲	90PAR38/CAP/3FL	FL 30	120	Clear	3500	4 5/16	CC-8	1310	2500	Box	15	9



PAR36 12 Volt

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	CBCP	M.O.L. Inches	Filament	Avg. Rated Hours	Pkg. Type	Carton
36	PAR36	MP2	S4807 ▲	36PAR36/CAP/VNSP	VNSP 5	12	17000	2 3/4	CC-8	4000	Box	12
			S4808 ▲	36PAR36/CAP/NSP	NSP 13	12	3500	2 3/4	CC-8	4000	Box	12
			S4809	36PAR36/CAP/WFL	WFL 32	12	1000	2 3/4	CC-8	4000	Box	12
50	PAR36	MP2	S4806 ▲	50PAR36/CAP/NSP	NSP 6	12	25000	2 3/4	CC-8	4000	Box	12

PAR56 and PAR64

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Beam Pattern	Volts	CBCP	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Carton
300	PAR56	Mog. End Pr.	S4810 ▲	300PAR56/MFL	MFL 22	120	24000	5	CC-13	3850	2000	Box	12
			S4811 ▲	300PAR56/WFL	WFL 37	120	11000	5	CC-13	3850	2000	Box	12
500	PAR56	Mog. End Pr.	S4668 ▲	500PAR56Q/NSP	NSP 15	120	78500	5	CC-6	–	4000	Box	12
			S4669 ▲	500PAR56Q/MFL	MFL 30	120	40000	5	CC-6	–	4000	Box	12
			S4670 ▲	500PAR56Q/WFL	WFL 45	120	19500	5	CC-6	–	4000	Box	12
1000	PAR64	Mog. End Pr.	S4671 ▲	1000PAR64Q/NSP	NSP 20	120	135000	6	CC-6	–	4000	Box	6
			S4672 ▲	1000PAR64Q/MFL	MFL 30	120	82000	6	CC-6	–	4000	Box	6
			S4673 ▲	1000PAR64Q/WFL	WFL 60	120	23000	6	CC-6	–	4000	Box	6

General Halogen Notes

▲ = Product by one of the Primary lamp manufacturers

† = To be discontinued when inventory is depleted due to legislation requirements.

CD/1 = Carded or Clamshell – 1 lamp per card

CD/2 = Carded or Clamshell – 2 lamps per card

CD/4 = Carded or Clamshell – 4 lamps per card

Open Fixture Warning

Unless otherwise stated, all non-enclosed halogen lamps carry the following warning, A suitable protective shield, screening technique, or both must be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation. Enclosed Halogen lamps include PAR and BR lamps, A, T10 Double Envelope, and BT15 lamps, Lensed MR11 and MR16 lamps, and Ball Lites.

Incandescent Notes

- Krypton/Xenon filled lamps provide bright white light similar to Halogen, without a UV hazard. These lamps are fully dimmable without performance loss.
- Extra tall lamp, with a porcelain spacer designed to create distance between the heat of the filament and the fixture socket. These lamps are primarily used in high-end Euro. import fixtures.

- Commercial grade product.
- Suitable for use in unshielded fixtures. Consult most recent luminaire standards for your area to determine luminaire requirements.
- These lamps feature a frosted reflector and frosted integral cover glass, designed for decorative glass pendant fixtures. They provide light in all directions, without the striations of backlight color common to MR16 lamps.
- Features an aluminized reflector, creating consistent color over the life of the lamp. Heat is transmitted out the front of the lamp.
- Features a hard coated dichroic reflector, creating consistent color over the life of the lamp. Heat is transmitted through the back of the reflector.
- Features MR16 IR technology, increasing light output, or saving energy. The hard coated dichroic reflector creates consistent color over the life of the lamp. Heat is transmitted through the back of the reflector.
- High Performance PAR lamps, feature a spiral reflector/lens system providing a smoother uniform beam pattern, with superior beam control and sharp cutoff of light.
- Primarily used in automotive and linear lighting applications.
- Primarily used in automotive applications. Also used in Tizio desk lamps manufactured prior to 1993.



Nuvo Lighting's Laguna two-tier, nine light chandelier in Aged Bronze with white glass. Nuvo item number 60-5929. www.nuvolighting.com

Enduring solutions.

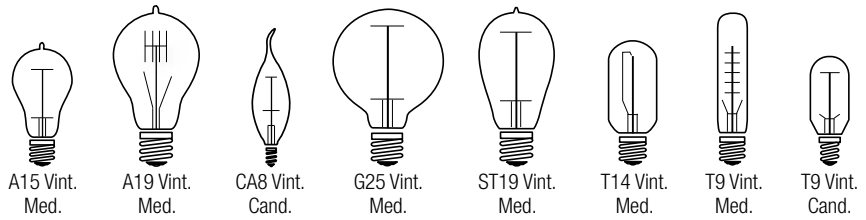
Incandescent lamps represent the original lighting technology, remaining virtually unchanged since their invention in the mid-19th century, and the lighting technology Satco was founded upon. This is the technology most everyone has become familiar with and the baseline comparison for all other lighting technologies. As the incandescent bulb becomes more and more regulated, Satco remains on the cutting edge of new lighting technologies. Still, we remain well-stocked with incandescent lamps in a multitude of wattages, base sizes, and shapes for every application.

Incandescent lamp features:

- High lumen output
- Up to 5,000 hour life
- Virtually every size and style imaginable
- Wattages from 3 to 500 Watts
- Durable vibration and rough service products
- Colored and special application types

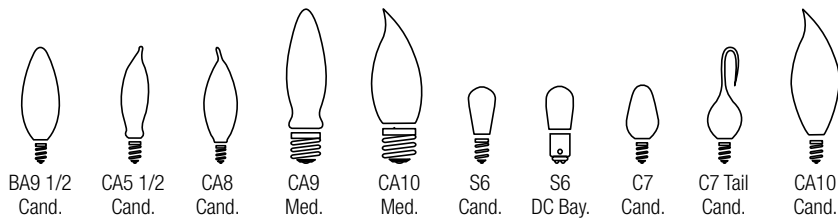


Nuvo Lighting's Neval five light chandelier in Brushed Nickel with Satin White Glass. Nuvo item number 60-5485. See the www.nuvolighting.com website.



Vintage Style Incandescent Lamps

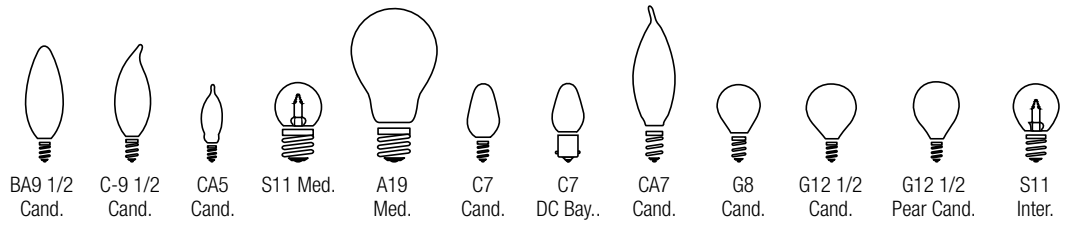
Bulb Type	Watts	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton
A15	40	Med.	S2424	40A15/CL/11S/120V/Vint.	120	Clear	3 5/8	Cage Style	160	3000	Box	50/10
A19	25	Med.	S2411	25A19/CL/120V/Vint.	120	Clear	4 1/2	Quad Loop	100	3000	Box	48/6
	40	Med.	S2412	40A19/CL/120V/Vint.	120	Clear	4 1/2	Quad Loop	160	3000	Box	48/6
	60	Med.	S2419	60A19/CL/120V/Vint.	120	Clear	4 1/2	Quad Loop	240	3000	Box	48/6
CA8	25	Cand.	S2418	25CFC/7S/120V/Vint.	120	Clear	5	Deco Carbon	100	3000	Box	50/10
G25	40	Med.	S2425	40G25/CL/15S/120V/Vint.	120	Clear	4 3/4	Cage Style	160	3000	Box	48/6
ST19	40	Med.	S2413	40ST19/CL/15S/120/Vint.	120	Clear	5 3/16	Cage Style	160	3000	Box	48/6
			S2414	40ST19/CL/9S/120V/Vint.	120	Clear	5 3/16	Hairpin	160	3000	Box	48/6
	60	Med.	S2423	60ST19/CL/15S/120V/Vint.	120	Clear	5 3/16	Cage Style	240	3000	Box	48/6
T14	40	Med.	S2416	40T14/CL/32S/120V/Vint.	120	Clear	4 1/4	Spiral	160	3000	Box	50/10
			S2417	40T14/CL/15S/120V/Vint.	120	Clear	4 1/4	Cage Style	160	3000	Box	50/10
T9	20	Med.	S2415	20T9/CL/120V/Vint.	120	Clear	5 1/2	Hairpin	80	3000	Box	48/6
	40	Cand.	S2420	40T9/GLD/9S/E12/120V/Vint.	120	Clear Gold	3 1/2	Cage Style	160	3000	Box	50/10
		Med.	S2426	40T9/CL/120V/Vint.	120	Clear	5 1/2	Hairpin	160	3000	Box	50/10
	60	Med.	S2421	40T9/CL/12S/120V/Vint.	120	Clear	7 5/16	Hairpin	160	3000	Box	50/10
			S2422	60T9/CL/12S/120V/Vint.	120	Clear	7 5/16	Hairpin	240	3000	Box	50/10



Incandescent Lamps

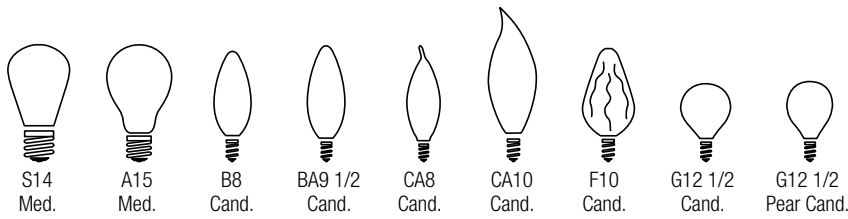
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	
3	BA9 1/2	Cand.	S3659	3BA9 1/2/Flicker	120	Clear	3 1/2	Neon	–	1000	Box	500/25	
			S3759	3BA9 1/2/Flicker	120	Clear	3 1/2	Neon	–	1000	CD/1	120/12	
	CA5 1/2	Cand.	S3661	3CA5 1/2/ Flicker	120	Clear	3 1/4	Neon	–	1000	Box	500/25	
			S3761	3CA5 1/2/ Flicker	120	Clear	3 1/4	Neon	–	1000	CD/1	120/12	
	CA8	Cand.	S3656	3CA8/Flicker	120	Clear	3 7/8	Neon	–	1000	Box	500/25	
			S3756	3CA8/Flicker	120	Clear	3 7/8	Neon	–	1000	CD/1	120/12	
	BA9 1/2	Med.	S3660	3BA9 1/2/Flicker	120	Clear	4 9/16	Neon	–	1000	Box	500/25	
	CA9	Med.	S3760	3CA9/Flicker	120	Clear	4 9/16	Neon	–	1000	CD/1	120/12	
	CA10	Med.	S3657	3CA10/Flicker	120	Clear	4 1/16	Neon	–	1000	Box	500/25	
			S3757	3CA10/Flicker	120	Clear	4 1/16	Neon	–	1000	CD/1	120/12	
	S6	Cand.	S4567 ■	3S6/5	130	Clear	1 7/8	C-6	10	1500	Sleeve/10	10	
	4	C7	Cand.	S3680	4C7	120	Clear	2 1/8	C-7A	16	3000	Bulk	2000/50
S4724				4C7	120	Clear	2 1/8	C-7A	16	3000	CD/4	48/12	
S3681				4C7/W	120	White	2 1/8	C-7A	8	3000	Bulk	2000/50	
5	C7	Cand.	S4520 ■	5C7	120	Silicone Tail	2 1/2	C-7A	10	1000	CD/2	144/12	
6	S6	Cand.	S4568 ■	6S6/6V	6	Clear	1 7/8	C-6	40	1500	Sleeve/10	10	
			S4569 ■	6S6/12V	12	Clear	1 7/8	C-6	40	1500	Sleeve/10	10	
			S4570 ■	6S6/24V	24	Clear	1 7/8	C-6	40	1500	Sleeve/10	10	
			S4571 ■	6S6/48V	48	Clear	1 7/8	C-6	40	1500	Sleeve/10	10	
			S3900	6S6	130	Clear	1 7/8	C-7A	30	2500	Sleeve/10	120/10	
			S4717	6S6	130	Clear	1 7/8	C-7A	30	2500	CD/2	120/12	
			DC Bay.	S3901	6S6/DC	130	Clear	1 7/8	C-7A	30	2500	Sleeve/10	120/10
			Cand.	S4572 ■	6S6/230V	230	Clear	1 7/8	C-7A	25	1500	Sleeve/10	10
7	C7	Cand.	S3691	7C7	120	Clear	2 1/8	C-7A	35	3000	Bulk	2000/25	
			S3791	7C7	120	Clear	2 1/8	C-7A	35	3000	CD/2	400/20	
			S4725	7C7	120	Clear	2 1/8	C-7A	35	3000	CD/4	48/12	
			S3902	7C7	130	Clear	1 7/8	C-7A	35	2500	Sleeve/10	120/10	
			S3692	7C7/W	120	White	2 1/8	C-7A	28	3000	Bulk	2000/25	
			S3792	7C7/W	120	White	2 1/8	C-7A	28	3000	CD/2	400/20	
			S4726	7C7/W	120	White	2 1/8	C-7A	28	3000	CD/4	48/12	
			CA10	Cand.	S3866	7CA10/12V	12	Clear	4 1/4	CC-2V	65	1500	Box

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



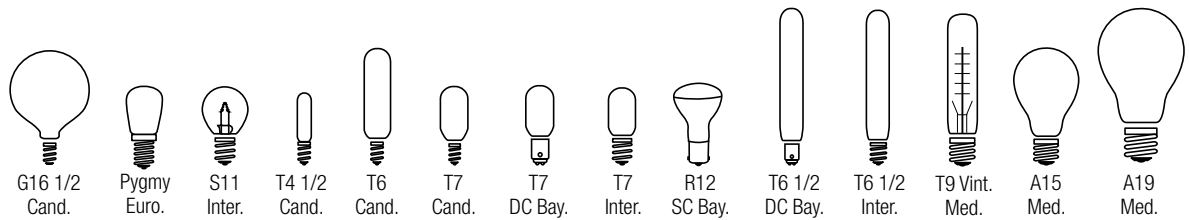
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7.5	BA9 1/2	Cand.	S4994	7 1/2BA9 1/2	120	Clear	3 1/2	C-7A	37	3000	Bulk	500/25
	C-9 1/2	Cand.	S4988	7 1/2C-9 1/2	120	Clear	3 1/2	C-7A	37	3000	Bulk	500/25
	CA5	Cand.	S3241	7 1/2CA5	120	Clear	2 7/8	C-7A	40	1500	Box	2000/50
			S3242	7 1/2CA5/F	120	Frost	2 7/8	C-7A	35	1500	Box	2000/50
			S3243	7 1/2CA5/FY	120	Yellow	2 7/8	C-7A	35	1500	Box	2000/50
	S11	Med.	S3606	7 1/2S11	120	Clear	2 1/4	C-7A	40	2500	Sleeve	1000/25
			S3794	7 1/2S11	120	Clear	2 1/4	C-7A	40	2500	CD/1	240/20
			S3607	7 1/2S11/W	120	Gloss White	2 1/4	C-7A	20	2500	Sleeve	1000/25
			S3795	7 1/2S11/W	120	Gloss White	2 1/4	C-7A	20	2500	CD/1	240/20
			S3608	7 1/2S11/B	120	Cer. Blue	2 1/4	C-7A	-	2500	Sleeve	1000/25
			S4508	7 1/2S11/B	120	Cer. Blue	2 1/4	C-7A	-	2500	CD/1	120/10
			S3609	7 1/2S11/G	120	Cer. Green	2 1/4	C-7A	-	2500	Sleeve	1000/25
			S4509	7 1/2S11/G	120	Cer. Green	2 1/4	C-7A	-	2500	CD/1	120/10
			S3610	7 1/2S11/O	120	Cer. Orange	2 1/4	C-7A	-	2500	Sleeve	1000/25
			S4510	7 1/2S11/O	120	Cer. Orange	2 1/4	C-7A	-	2500	CD/1	120/10
			S3611	7 1/2S11/R	120	Cer. Red	2 1/4	C-7A	-	2500	Sleeve	1000/25
	S4511	7 1/2S11/R	120	Cer. Red	2 1/4	C-7A	-	2500	CD/1	120/10		
	S4512	7 1/2S11/Y	120	Cer. Yellow	2 1/4	C-7A	-	2500	CD/1	120/10		
	10	C7	Cand.	S3903	10C7	130	Clear	2 1/8	C-7A	60	2500	Sleeve/10
DC Bay.			S3904	10C7/DC	130	Clear	2 1/8	C-7A	60	2500	Sleeve/10	120/10
CA7		Cand.	S3272	10CA7	120	Clear	3	C-7A	80	1500	Box	1000/25
			S3276	10CA7/F	120	Frost	3	C-7A	70	1500	Box	1000/25
G8		Cand.	S3864	10G8/W	120	Gloss White	1 7/8	C-7A	50	1500	Box	1000/25
G12 1/2 Pear		Cand.	S3844	10G12 1/2	120	Clear	2 3/8	C-7A	60	1500	Box	500/25
			S3830	10G12 1/2/W	120	Satin White	2 3/8	C-7A	50	1500	Box	500/25
G12 1/2		Cand.	S3836	10G12 1/2/A	120	Trans. Amber	2 3/8	C-7A	-	1500	Box	500/25
			S3834	10G12 1/2/B	120	Trans. Blue	2 3/8	C-7A	-	1500	Box	500/25
			S3835	10G12 1/2/G	120	Trans. Green	2 3/8	C-7A	-	1500	Box	500/25
			S3837	10G12 1/2/PK	120	Trans. Pink	2 3/8	C-7A	-	1500	Box	500/25
			S3833	10G12 1/2/R	120	Trans. Red	2 3/8	C-7A	-	1500	Box	500/25
S11		Inter.	S3621	10S11/N	120	Clear	2 3/8	C-7A	80	1500	Box	600/10
	S3622		10S11/N/F	120	Frost	2 3/8	CC-2V	80	1500	Box	600/10	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



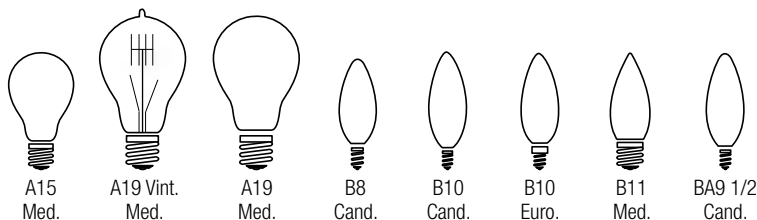
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton
11	S14	Med.	S3965	11S14	130	Clear	3 ½	CC-9	80	2500	Sleeve/4	120/4
			S4565	11S14	130	Clear	3 ½	CC-9	80	2500	CD/1	120/10
			S3966	11S14/F	130	Frost	3 ½	CC-9	65	2500	Sleeve/4	120/4
			S4566	11S14/F	130	Frost	3 ½	CC-9	65	2500	CD/1	120/10
			S3963	11S14/B	130	Cer. Blue	3 ½	CC-9	–	2500	Sleeve/4	120/4
			S4563	11S14/B	130	Cer. Blue	3 ½	CC-9	–	2500	CD/1	120/10
			S3962	11S14/G	130	Cer. Green	3 ½	CC-9	–	2500	Sleeve/4	120/4
			S4562	11S14/G	130	Cer. Green	3 ½	CC-9	–	2500	CD/1	120/10
			S3964	11S14/O	130	Cer. Orange	3 ½	CC-9	–	2500	Sleeve/4	120/4
			S4564	11S14/O	130	Cer. Orange	3 ½	CC-9	–	2500	CD/1	120/10
			S3961	11S14/R	130	Cer. Red	3 ½	CC-9	–	2500	Sleeve/4	120/4
			S4561	11S14/R	130	Cer. Red	3 ½	CC-9	–	2500	CD/1	120/10
			S3960	11S14/Y	130	Cer. Yellow	3 ½	CC-9	–	2500	Sleeve/4	120/4
			S4560	11S14/Y	130	Cer. Yellow	3 ½	CC-9	–	2500	CD/1	120/10
15	A15	Med.	S3948	15A15	130	Clear	3 ½	C-9	100	2500	Sleeve/2	120/2
			S3949	15A15/F	130	Frost	3 ½	C-9	100	2500	Sleeve/2	120/2
	B8	Cand.	S3345	15B8/Petite	130	Clear	3	C-7A	114	1500	Box	500/25
			S3230	15BA9 1/2	120	Clear	3 ½	C-7A	114	1500	Box	500/25
					120	Frost	3 ½	C-7A	114	1500	Box	500/25
	BA9 1/2	Cand.	A3620	15BA9 1/2	130	Clear	3 ½	C-7A	114	2500	Box	500/25
			S3273	15CA8	120	Clear	3 5/8	C-7A	100	1500	Box	500/25
					120	Clear	3 5/8	C-7A	100	1500	CD/2	120/10
					130	Clear	3 5/8	C-7A	95	2500	Box	500/25
	CA8	Cand.	S3277	15CA8/F	120	Frost	3 5/8	C-7A	95	1500	Box	500/25
			S3777	15CA8/F	120	Frost	3 5/8	C-7A	95	1500	CD/2	120/10
			A3677	15CA8/F	130	Frost	3 5/8	C-7A	90	2500	Box	500/25
			CA10	Cand.	S3867	15CA10/12V	12	Clear	4 ¼	CC-2V	150	1500
	S3360	15F10			120	Clear	3 1/16	C-7A	110	1500	Box	500/25
					120	Clear	3 1/16	C-7A	110	1500	CD/2	120/12
	F10	Cand.	S3361	15F10/W	120	White	3 1/16	C-7A	90	1500	Box	500/25
			S2761	15F10/W	120	White	3 1/16	C-7A	90	1500	CD/2	120/2
			G12 1/2	Cand.	S3845	15G12 1/2	120	Clear	2 3/8	C-7A	100	1500
	G12 1/2 Pear	Cand.			S3879	15G12 1/2/W	120	Satin White	2 3/8	C-7A	100	1500
			S3750	15G12 1/2/W	120	Satin White	2 3/8	C-7A	100	1500	CD/2	120/10

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



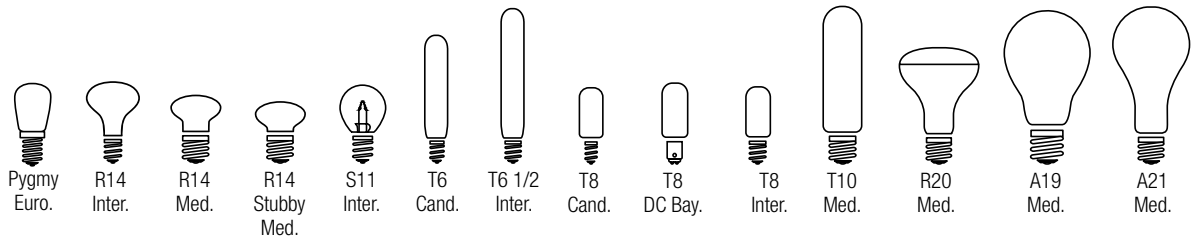
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
15	G16 1/2	Cand.	S3821	15G16 1/2	120	Clear	3	C-7A	114	1500	Box	500/25	
			S3726	15G16 1/2	120	Clear	3	C-7A	114	1500	CD/2	120/10	
			S3824	15G16 1/2/W	120	Satin White	3	C-7A	94	1500	Box	500/25	
			S3752	15G16 1/2/W	120	Satin White	3	C-7A	94	1500	CD/2	120/10	
			A3921	15G16 1/2	130	Clear	3	C-7A	98	2500	Box	500/25	
			A3924	15G16 1/2/W	130	Satin White	3	C-7A	83	2500	Box	500/25	
	Pygmy	Euro.	S7939	15T8/120V/E14	120	Clear	2 ¼	C-5A	100	1000	Box	25	
			S7941	15T8/220V/E14	220	Clear	2 ¼	C-5A	100	1000	Box	25	
			S7945	15E14/130V/Oven	130	Clear	2	-	-	10000	Box	1000/50	
	S11	Inter.	S3628	15S11/N	120	Clear	2 3/8	C-7A	100	1500	Box	600/10	
	T4 1/2	Cand.	S3913	15T4 1/2/C	130	Clear	1 ½	C-7A	90	1000	Sleeve/10	10	5
	T6	Cand.	S3315	15T6/F	120	Frost	4	C-5A	90	2500	Sleeve	500/25	5
			S3715	15T6/F	120	Frost	4	C-5A	90	2500	CD/2	72/6	5
			S3910	15T6	130	Clear	3 1/16	C-5A	95	2500	Sleeve/10	120/10	
			S3912	15T6/145V	145	Clear	3 1/16	C-5A	90	2000	Sleeve/10	120/10	
			S4727	15T6/145V	145	Clear	3 1/16	C-5A	90	2000	CD/1	120/10	
	T7	Cand.	S3905	15T7C	130	Clear	2 ¼	C-5A	95	2500	Sleeve/10	120/10	
			S4718	15T7C	130	Clear	2 ¼	C-5A	95	2500	CD/1	120/12	
S3906			15T7/DC	130	Clear	2 ¼	C-5A	95	2500	Sleeve/10	120/10		
DC Bay.		S4719	15T7/DC	130	Clear	2 ¼	C-5A	95	2500	CD/1	120/12		
		Inter.	S3911	15T7/N	130	Clear	2 ¼	C-5A	95	2500	Sleeve/10	120/10	
			S4722	15T7/N	130	Clear	2 ¼	C-5A	95	2500	CD/1	120/12	
20	R12	SC Bay.	S1383	1383	13	-	2 5/8	C-6	-	300	Box	10	
			Shatter Proof	S3618	1383/TF	13	-	2 5/8	C-6	-	300	Box	10
	T6 1/2	DC Bay.	S3297	20T6 1/2DC	130	Clear	5 3/8	C-6	150	1500	Box	500/25	
			S3298	20T6 1/2DC/F	130	Frost	5 3/8	C-6	140	1500	Box	500/25	
		Inter.	S3280	20T6 1/2N	130	Clear	5 3/8	C-6	150	1500	Box	500/25	
			S3281	20T6 1/2N/F	130	Frost	5 3/8	C-6	140	1500	Box	500/25	
T9	Med.	S2415	20T9/CL/120V/Vint.	120	Clear	5 ½	Hairpin	80	3000	Box	48/6		
25	A15	Med.	S3814	25A15/CL	130	Clear	3 ½	C-9	150	2500	Box	500/25	
			S3815	25A15/F	130	Frost	3 ½	C-9	150	2500	Box	500/25	
			Shatter Proof	S4880	25A15/TF	130	Frost	3 ½	C-9	120	2500	Box	500/25
	A19	Med.	S5010	25A19/F/12V	12	Frost	4 1/8	C-6	250	1500	Box	120/6	
			S5020	25A19/F/34V	34	Frost	4 1/8	C-6	250	1500	Box	120/6	
S6040	25A19/CL	120	Clear	4 1/8	C-9	185	1500	2pk	120				
S3940	25A19/CL	130	Clear	4 1/8	CC-6	170	2500	2pk	120				

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



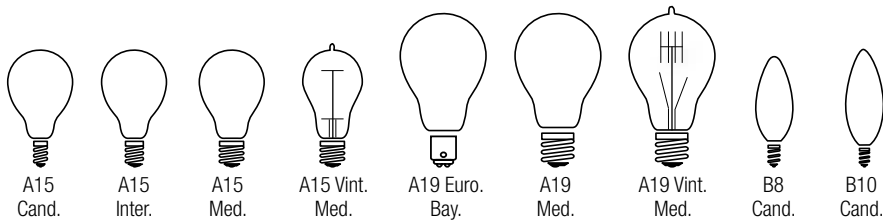
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes	
25	A19	Med.	S3950	25A19/F	130	Frost	4 1/8	CC-6	180	2500	2pk	120		
			S6050	25A19/F	120	Frost	4 1/8	C-9	180	1500	2pk	120		
			S2411	25A19/CL/120V Vint.	120	Clear	4 1/2	Quad Loop	100	3000	Box	48/6		
			S6092	25A/B	130	Cer. Blue	4 1/8	C-9	-	1000	Sleeve	24/12		
			S6091	25A/G	130	Cer. Green	4 1/8	C-9	-	1000	Sleeve	24/12		
			S6090	25A/R	130	Cer. Red	4 1/8	C-9	-	1000	Sleeve	24/12		
			S6093	25A/Y	130	Cer. Yellow	4 1/8	C-9	-	1000	Sleeve	24/12		
			S6082	25A/TB	130	Trans. Blue	4 1/8	C-9	-	2000	Sleeve	24/12		
			S6081	25A/TG	130	Trans. Green	4 1/8	C-9	-	2000	Sleeve	24/12		
			S6080	25A/TR	130	Trans. Red	4 1/8	C-9	-	2000	Sleeve	24/12		
				S6083	25A/TY	130	Trans. Yellow	4 1/8	C-9	-	2000	Sleeve	24/12	
		B8	Cand.	S3346	25B8/Petite	130	Clear	3	CC-2V	212	1500	Box	500/25	
		B10	Cand.	S3386	25B10/220V	220	Clear	3 3/4	CC-2F	200	1000	Box	500/25	
			Euro.	S3393	25B10/220V	220	Clear	3 3/4	CC-2F	200	1000	Box	500/25	
		B11	Med.	S3231	25B11	120	Clear	3 7/8	CC-2V	210	1500	Box	500/25	
				S3731	25B11	120	Clear	3 7/8	CC-2V	210	1500	CD/2	120/10	
				S3234	25B11/F	120	Frost	3 7/8	CC-2V	200	1500	Box	500/25	
				S3734	25B11/F	120	Frost	3 7/8	CC-2V	200	1500	CD/2	120/10	
				S3237	25B11/W	120	White	3 7/8	CC-2V	150	1500	Box	500/25	
				S3737	25B11/W	120	White	3 7/8	CC-2V	150	1500	CD/2	120/10	
	A3631			25B11	130	Clear	3 7/8	CC-2V	210	2500	Box	500/25		
	A3634			25B11/F	130	Frost	3 7/8	CC-2V	200	2500	Box	500/25		
	A3637			25B11/W	130	White	3 7/8	CC-2V	160	2500	Box	500/25		
					S3282	25BA9 1/2	120	Clear	3 1/2	CC-2V	212	1500	Box	500/25
			S3782	25BA9 1/2	120	Clear	3 1/2	CC-2V	212	1500	CD/2	120/10		
			S4995	KR25BA9 1/2	120	Clear	3 7/8	CC-2V	212	2500	Box	500/25	1	
			A3682	25BA9 1/2	130	Clear	3 1/2	CC-2V	193	2500	Box	500/25		
			S3285	25BA9 1/2/F	120	Frost	3 1/2	CC-2V	212	1500	Box	500/25		
			S3785	25BA9 1/2/F	120	Frost	3 1/2	CC-2V	212	1500	CD/2	120/10		
			A3685	25BA9 1/2/F	130	Frost	3 1/2	CC-2V	193	2500	Box	500/25		
			S3288	25BA9 1/2/W	120	Gloss White	3 1/2	CC-2V	180	1500	Box	500/25		
			S3788	25BA9 1/2/W	120	Gloss White	3 1/2	CC-2V	180	1500	CD/2	120/10		
			A3688	25BA9 1/2/W	130	Gloss White	3 1/2	CC-2V	163	2500	Box	500/25		
			S3813	25BA9 1/2/A	120	Trans. Amber	3 1/2	CC-2V	-	1500	Box	500/25		
			S3218	25BA9 1/2/B	120	Trans. Blue	3 1/2	CC-2V	-	1500	Box	500/25		
			S3219	25BA9 1/2/R	120	Trans. Red	3 1/2	CC-2V	-	1500	Box	500/25		

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton
25	Pygmy	Euro.	S7940	25T8/120V/E14	120	Clear	2 ¼	C-5A	180	1000	Box	25
			S7942	25T8/220V/E14	220	Clear	2 ¼	C-5A	200	1000	Box	25
	R14	Inter.	S3205	25R14N	120	Frost	2 5/8	CC-2V	135	1500	Box	500/25
			S4700	25R14N	120	Frost	2 5/8	CC-2V	135	1500	CD/1	120/10
	Med.		S3604	25R14	120	Frost	2 5/8	CC-2V	135	1500	Box	500/25
			S4704	25R14	120	Clear	2 5/8	CC-2V	135	1500	CD/1	120/10
	R14 Stubby		S3601	25R14	120	Clear	2 ¼	CC-2V	135	1500	Box	500/25
	S11	Inter.	S3630	25S11/N	–	Clear	2 3/8	CC-2V	210	1500	Box	600/10
			S3718	25S11/CL/E17/CD	120	Clear	2 ½	CC-2V	220	1500	CD/1	120/10
	T6	Cand.	S3714	25T6/CL/E12/CD	120	Clear	3 1/8	C-5A	180	2000	CD/1	120/10
	T6 1/2	DC Bay.	S3248	25T6 1/2/DC	130	Clear	5 3/8	C-8	180	1500	Box	500/25
			S3711	25T6 1/2/DC	130	Clear	5 3/8	C-8	180	1500	CD/1	120/10
			S3249	25T6 1/2/DC/F	130	Frost	5 3/8	C-8	170	1500	Box	500/25
			S3713	25T6 1/2/DC/F	130	Frost	5 3/8	C-8	170	1500	CD/1	120/10
		Inter.	S3222	25T6 1/2N	130	Clear	5 3/8	C-8	180	1500	Box	500/25
			S3709	25T6 1/2N	130	Clear	5 3/8	C-8	180	1500	CD/1	120/10
			S3223	25T6 1/2N/F	130	Frost	5 3/8	C-8	170	1500	Box	500/25
			S3708	25T6 1/2N/F	130	Frost	5 3/8	C-8	170	1500	CD/1	120/10
	T8	Cand.	S3907	25T8/C	130	Clear	2 5/8	C-5A	190	2500	Sleeve/10	120/10
			S3909	25T8/DC	130	Clear	2 5/8	C-5A	190	2500	Sleeve/10	120/10
DC Bay.		S4721	25T8/DC	130	Clear	2 5/8	C-5A	190	2500	CD/1	120/12	
		Inter.	S3908	25T8/N	130	Clear	2 5/8	C-5A	190	2500	Sleeve/10	120/10
S4720	25T8/N		130	Clear	2 5/8	C-5A	190	2500	CD/1	120/12		
T10	Med.	S3250	25T10	120	Clear	5	C-5V	200	2000	Box	500/25	
		S3700	25T10	120	Clear	5	C-5V	200	2000	CD/1	120/10	
		S3251	25T10/F	120	Frost	5	C-5V	200	2000	Box	500/25	
		S3701	25T10/F	120	Frost	5	C-5V	200	2000	CD/1	120/10	
30	R20	Med.	S3210	30R20	120	Frost	4	CC-9	185	2000	Sleeve	96/12
			S2810	30R20	130	Frost	4	CC-9	185	2000	Sleeve	96/12
30/70/100	A19	Med.	S1824	30/100A19/W Reduced Size	120	White	4 1/8	CC-8	280/680/960	2500	Sleeve	36/12
	A21	Med.	S1820	30/100A21/W	120	White	5 1/16	CC-2V/C-9	280/680/960	2500	Sleeve	36/12

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



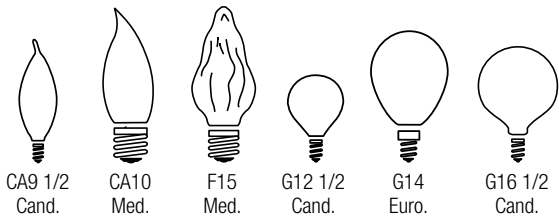
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes	
40	A15	Cand.	S2740	40A15/CL/E12	120	Clear	3 3/8	C-9	420	1000	CD/2	120/10		
			S4160	40A15/CL/E12	130	Clear	3 3/8	C-9	420	1000	Box	500/25		
			S2741	40A15/F/E12	120	Frost	3 3/8	C-9	420	1000	CD/2	120/10		
			S4161	40A15/F/E12	130	Frost	3 3/8	C-9	420	1000	Box	500/25		
			Inter.	S2744	40A15/CL/E17	120	Clear	3 3/8	C-9	420	1000	CD/2	120/10	
				S4164	40A15/CL/E17	130	Clear	3 3/8	C-9	420	1000	Box	500/25	
				S2745	40A15/F/E17	120	Frost	3 3/8	C-9	420	1000	CD/2	120/10	
				S4165	40A15/F/E17	130	Frost	3 3/8	C-9	420	1000	Box	500/25	
			Med.	S3989	40A15/230V ECONOBRITE	230	White	3 1/2	C-9	280	2500	Box	500/25	
				S3720	40A15/CL	130	Clear	3 1/2	C-9	290	2500	CD/1	240/20	
	S3810	40A15/CL		130	Clear	3 1/2	C-9	290	2500	Box	500/25			
	S3721	40A15/F		130	Frost	3 1/2	C-9	280	2500	CD/1	240/20			
	S3811	40A15/F		130	Frost	3 1/2	C-9	280	2500	Box	500/25			
	S4881	40A15/TF		130	Frost	3 1/2	C-9	265	2500	Box	500/25	4		
	A19	Med.	S2424	40A15/CL/11S/120V/Vint.	130	Clear	3 5/8	Cage Style	160	3000	Box	50/10		
			S4076	40A19/W/230V	230	White	4 1/8	C-9	327	1000	Box	120		
			S3941	40A19/CL/VS	130	Clear	4 1/8	C-9	300	2500	2pk	120		
			S2412	40A19/CL/120V/Vint.	120	Clear	4 1/2	Quad Loop	160	3000	Box	48/6		
			S4981	40A/B	130	Cer. Blue	4 1/8	C-9	-	2000	Sleeve	24/12		
			S4982	40A/G	130	Cer. Green	4 1/8	C-9	-	2000	Sleeve	24/12		
S4980			40A/R	130	Cer. Red	4 1/8	C-9	-	2000	Sleeve	24/12			
S4983			40A/Y	130	Cer. Yellow	4 1/8	C-9	-	2000	Sleeve	24/12			
S3859			40A/Bug	130	Yellow	4 1/8	C-9	-	2000	2pk	24			
B8			Cand.	S3347	40B8/Petite	130	Clear	3	CC-2V	384	1500	Box	500/25	
B10	Cand.	S2971 n	40B10/VLX	120	Full Spec.	3 7/8	CC-2V	370	2000	CD/1	50/10	3		
		S3387	40B10/220V	220	Clear	3 3/4	CC-2F	330	1000	Box	500/25			
		S3385	40B10/F/220V	220	Frost	3 3/4	CC-2F	330	1000	Box	500/25			

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



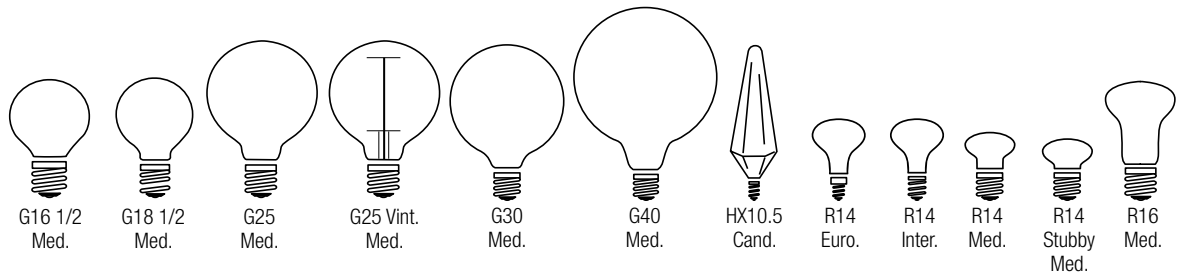
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes	
40	B10	Euro.	S3394	40B10/220V	220	Clear	3 ¾	CC-2F	330	1000	Box	500/25		
	B10/B11	Med.	S3232	40B11	120	Clear	3 7/8	CC-2V	370	1500	Box	500/25		
			S3732	40B11	120	Clear	3 7/8	CC-2V	370	1500	CD/2	120/10		
			A3632	40B11	130	Clear	3 7/8	CC-2V	370	2500	Box	500/25		
			S4740	40B10/FAN	120	Clear	3 7/8	CC-2V	300	2000	CD/2	120/12		
			S4742	40B10/FAN/F	120	Frost	3 7/8	CC-2V	300	2000	CD/2	120/12		
			S3235	40B11/F	120	Frost	3 7/8	CC-2V	360	1500	Box	500/25		
			S3735	40B11/F	120	Frost	3 7/8	CC-2V	360	1500	CD/2	120/10		
			A3635	40B11/F	130	Frost	3 7/8	CC-2V	360	2500	Box	500/25		
			S3238	40B11/W	120	White	3 7/8	CC-2V	330	1500	Box	500/25		
			S3738	40B11/W	120	White	3 7/8	CC-2V	330	1500	CD/2	120/10		
			A3638	40B11/W	130	White	3 7/8	CC-2V	320	2500	Box	500/25		
			S3384	40B11/220V	220	Clear	3 7/8	CC-2F	330	1000	Box	500/25		
		BA9 1/2	Cand.	S3283	40BA9 1/2	120	Clear	3 ½	CC-2V	384	1500	Box	500/25	
				S3783	40BA9 1/2	120	Clear	3 ½	CC-2V	384	1500	CD/2	120/10	
				S4996	KR40BA9 1/2	120	Clear	3 7/8	CC-2V	380	2500	Box	500/25	1
				A3683	40BA9 1/2	130	Clear	3 ½	CC-2V	384	2500	Box	500/25	
				S3286	40BA9 1/2/F	120	Frost	3 ½	CC-2V	384	1500	Box	500/25	
				S3786	40BA9 1/2/F	120	Frost	3 ½	CC-2V	384	1500	CD/2	120/10	
				A3686	40BA9 1/2/F	130	Frost	3 ½	CC-2V	384	2500	Box	500/25	
				S3289	40BA9 1/2/W	120	White	3 ½	CC-2V	328	1500	Box	500/25	
				S3789	40BA9 1/2/W	120	White	3 ½	CC-2V	328	1500	CD/2	120/10	
				A3689	40BA9 1/2/W	130	White	3 ½	CC-2V	328	2500	Box	500/25	
				S3725	40BA9 1/2/DIA	120	Crystal	3 7/8	CC-2V	370	1500	CD/2	120/10	
				S3818	40BA9 1/2/A	120	Trans. Amber	3 ½	CC-2V	–	1500	Box	500/25	
			Euro.	S3391	40BA9 1/2	120	Clear	3 ½	CC-2V	370	1500	Box	500/25	
				S4712	40BA9 1/2	120	Clear	3 ½	CC-2V	370	1500	CD/2	120/10	
				S3381	40BA9 1/2/F	120	Frost	3 ½	CC-2V	370	1500	Box	500/25	
			S4715	40BA9 1/2/F	120	Frost	3 ½	CC-2V	370	1500	CD/2	120/10		
	C11	Cand.	S3404	40C11	120	Satin Spun	4	C-7A	316	4000	Box	500/25		
			S2704	40C11	120	Satin Spun	4	C-7A	316	4000	CD/1	120/12		
	C15	Med.	S3414	40C15	120	Satin Spun	4 ½	C-7A	316	4000	Box	300/25		
			S2714	40C15	120	Satin Spun	4 ½	C-7A	316	4000	CD/1	120/12		
			S3416	40C15/A	120	Amber Spun	4 ½	C-7A	–	4000	Box	300/25		
			S2716	40C15/A	120	Amber Spun	4 ½	C-7A	–	4000	CD/1	120/12		

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



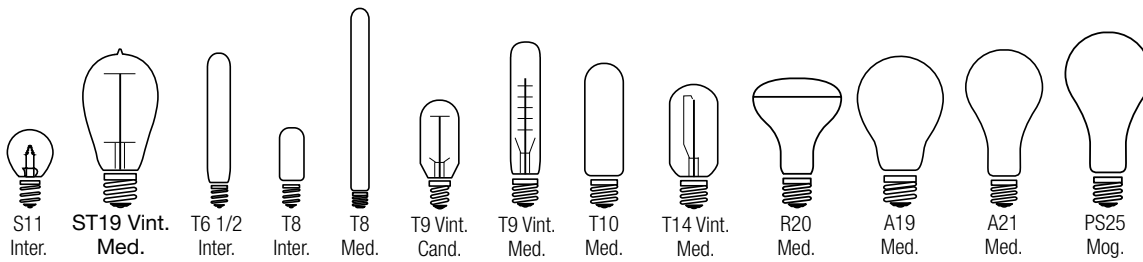
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes	
40	CA9 1/2	Cand.	S3275	40CA9 1/2	120	Clear	3 7/8	CC-2V	370	1500	Box	500/25		
			S3775	40CA9 1/2	120	Clear	3 7/8	CC-2V	370	1500	CD/2	120/10		
			S4466	KR40CA9 1/2	120	Clear	3 15/16	CC-2V	380	2500	Box	500/25	1	
			A3675	40CA9 1/2	130	Clear	3 15/16	CC-2V	370	2500	Box	500/25		
			S3279	40CA9 1/2/F	120	Frost	3 15/16	CC-2V	384	1500	Box	500/25		
			S3779	40CA9 1/2/F	120	Frost	3 15/16	CC-2V	384	1500	CD/2	120/10		
	CA10	Med.	A3679	40CA9 1/2/F	130	Frost	3 15/16	CC-2V	350	2500	Box	500/25		
			S3265	40CA10	120	Clear	4 1/4	CC-2V	370	1500	Box	500/25		
			S3765†	40CA10	120	Clear	4 1/4	CC-2V	370	1500	CD/2	120/10		
			A3665	40CA10	130	Clear	4 1/4	CC-2V	360	2500	Box	500/25		
			S3268	40CA10/F	120	Frost	4 1/4	CC-2V	360	1500	Box	500/25		
			S3768	40CA10/F	120	Frost	4 1/4	CC-2V	360	1500	CD/2	120/10		
	F15	Med.	A3668	40CA10/F	130	Frost	4 1/4	CC-2V	360	2500	Box	500/25		
			S3367	40F15	120	Clear	4 1/2	CC-9	350	1500	Box	300/25		
			S2767	40F15	120	Clear	4 1/2	CC-9	350	1500	CD/2	120/12		
			S2768	40F15/W	120	White	4 1/2	CC-9	320	1500	CD/2	120/12		
			S3368	40F15/W	120	White	4 1/2	CC-9	320	1500	Box	300/25		
			S3369	40F15/AU	120	Aurora	4 1/2	CC-9	335	1500	Box	300/25		
	G12 1/2	Cand.	S2769	40F15/AU	120	Aurora	4 1/2	CC-9	335	1500	CD/2	120/12		
			S3370	40F15/A	120	Amber	4 1/2	CC-9	–	1500	Box	300/25		
			S2770	40F15/A	120	Amber	4 1/2	CC-9	–	1500	CD/2	120/12		
S3847			40G12 1/2	120	Clear	2 3/8	C-7A	370	1500	Box	500/25			
G14			Euro.	S3397	40G14	130	Clear	3 1/8	CC-9	370	1500	Box	500/25	
				S4707	40G14	130	Clear	3 1/8	CC-9	370	1500	CD/2	120/10	
	S3398	40G14/W		130	Gloss White	3 1/8	CC-9	330	1500	Box	500/25			
	S4708	40G14/W		130	Gloss White	3 1/8	CC-9	330	1500	CD/2	120/10			
G16 1/2	Cand.	S3823	40G16 1/2	120	Clear	3	CC-2V	384	1500	Box	500/25			
		S3728	40G16 1/2	120	Clear	3	CC-2V	384	1500	CD/2	120/10			
		A3923	40G16 1/2	130	Clear	3	CC-2V	360	2500	Box	500/25			
		S3754	40G16 1/2/W	120	Satin White	3	CC-2V	348	1500	CD/2	120/10			
		S3826	40G16 1/2/W	120	Satin White	3	CC-2V	348	1500	Box	500/25			
		A3926	40G16 1/2/W	130	Satin White	3	CC-2V	325	2500	Box	500/25			
		S3261	40G16 1/2/W	120	Gloss White	3	CC-2V	348	1500	Box	500/25			
		S2974 ■	40G16 1/2/VLX	120	Full Spectrum	3	CC-2V	370	2000	CD/1	50/10	3		
S3245	40G16 1/2/SL	120	Silver Crown	3	CC-2V	384	1500	Box	500/25					

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



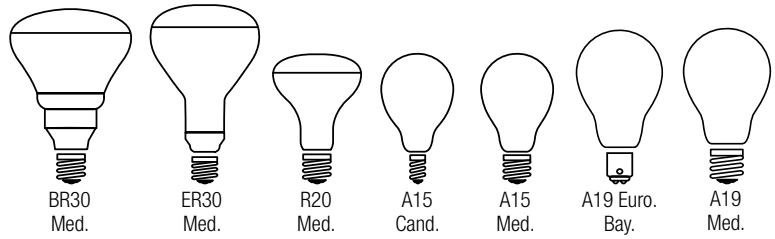
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
40	G16 1/2	Med.	S3839	40G16 1/2	120	Clear	3 1/4	CC-2V	370	1500	Box	500/25	
			S4539	40G16 1/2	120	Clear	3 1/4	CC-2V	370	1500	CD/1	120/10	
			S3842	40G16 1/2/W	120	Gloss White	3 1/4	CC-2V	330	1500	Box	500/25	
			S4542	40G16 1/2/W	120	Gloss White	3 1/4	CC-2V	330	1500	CD/1	500/25	
	G18 1/2	Med.	S3888	40G18 1/2	120	Clear	3 1/2	C-9	340	1500	Box	250/25	
			S3828	40G18 1/2/W	120	Gloss White	3 1/2	C-9	300	1500	Box	250/25	
	G25	Med.	S3448	40G25	120	Clear	4 3/8	CC-9	360	3000	Box	72/6	
			S4048	40G25/3PK	120	Clear	4 3/8	CC-9	360	3000	3pk	40/3	
			A3648	40G25	130	Clear	4 3/8	CC-6	360	3000	Box	72/6	
			A3644	40G25/220V	220	Clear	4 3/8	CC-9	212	2500	Box	72/6	
			S3441	40G25/W	120	Gloss White	4 3/8	CC-6	320	3000	Box	72/6	
			S4041	40G25/W/3PK	120	Gloss White	4 3/8	CC-6	320	3000	3pk	40/3	
			A3641	40G25/W	130	Gloss White	4 3/8	CC-6	320	3000	Box	72/6	
			A3645	40G25/W/220V	220	Gloss White	4 3/8	CC-9	187	2500	Box	72/6	
			S2425	40G25/CL/15S/120V/Vint.	120	Clear	4 3/4	Cage Style	160	3000	Box	48/6	
			S3861	40G25/SL	120	Silver Crown	4 3/8	C-9	280	1500	Box	72/6	
	G30	Med.	S3652	40G30	120	Clear	5 1/8	CC-9	340	2500	Box	72/6	
			S3671	40G30/W	120	Gloss White	5 1/8	CC-9	300	2500	Box	72/6	
	G40	Med.	S3011	40G40	120	Clear	3/4	C-9	300	4000	Box	24/6	
			S3001	40G40/W	120	Gloss White	6 3/4	C-9	280	4000	Box	24/6	
HX10.5	Cand.	S3745	40HX10 1/2	120	Clear	4 1/2	C-7A	360	1500	CD/2	120/12		
R14	Euro.	S3396	40R14/E14	130	Clear	2 5/8	CC-2V	280	1500	Box	500/25		
		S4706	40R14/E14	130	Frost	2 5/8	CC-2V	280	1500	CD/1	120/10		
	Inter.	S3215	40R14N	120	Clear	2 5/8	CC-2V	300	1500	Box	500/25		
		S4701	40R14N	120	Clear	2 5/8	CC-2V	280	1500	CD/1	120/10		
	Med.	S3605	40R14	120	Clear	2 5/8	CC-2V	280	1500	Box	500/25		
		S4705	40R14	120	Clear	2 5/8	CC-2V	280	1500	CD/1	120/10		
R14 Stubby	Med.	S3602	40R14	120	Clear	2 1/4	CC-2V	280	1500	Box	500/25		
R16	Med.	S3214	40R16	120	Frost	3 7/16	C-9	330	1500	Box	500/25		
		S4702	40R16	120	Frost	3 7/16	C-9	330	1500	CD/1	120/10		
R50	Euro.	S3619	40R50/E14	1250	Frost	3 7/16	C-9	300	1000	Box	500/25		

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



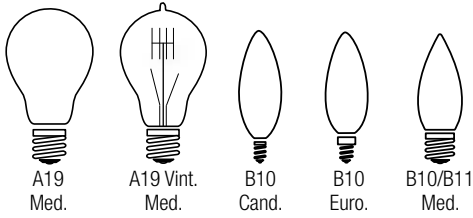
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
40	S11	Inter.	S3629	40S11/N	120	Clear	2 3/8	CC-2V	370	1500	Box	600/10	
			S3729	40S11/N	-	Clear	2 3/8	CC-2V	370	1500	CD/1	240/20	
	ST19	Med.	S2413	40ST19/CL/15S/120V/Vint.	120	Clear	5 1/4	Hairpin	160	3000	Box	48/6	
			S2414	40ST19/CL/9S/120V/Vint.	120	Clear	5 1/4	Hairpin	160	3000	Box	48/6	
	T6 1/2	Inter.	S3224	40T6 1/2/N	130	Clear	5 3/8	C-8	350	1500	Box	500/25	
			S3710	40T6 1/2/N	130	Clear	5 3/8	C-8	350	1500	CD/1	120/10	
			S3225	40T6 1/2/N/F	130	Frost	5 3/8	C-8	340	1500	Box	500/25	
			S3712	40T6 1/2/N/F	130	Frost	5 3/8	C-8	340	1500	CD/1	120/10	
	T8	Inter.	S3917	40T8N	130	Clear	2 5/8	CC-2V	360	2000	CD/1	120/10	
			S2977 ■	40T8	130	Clear	12	C-8	265	2000	Box	10	
	T9	Cand.	S2420	40T9/GOLD/9S/E12/120V/Vint.	120	Clear Gold	3 1/2	Cage Style	160	3000	Box	50/10	
			S2421	40T9/CL/12S/120V/Vint.	120	Clear	7 5/16	Hairpin	160	3000	Box	50/10	
			S2426	40T9/CL/120V/Vint.	120	Clear	5 1/2	Hairpin	160	3000	Box	50/10	
	T10	Med.	S3252	40T10	120	Clear	5	C-5V	280	2000	Box	500/25	
			S3702	40T10	120	Clear	5	C-5V	280	2000	CD/1	120/10	
			S3253	40T10/F	120	Frost	5	C-5V	280	2000	Box	500/25	
			S3703	40T10/F	120	Frost	5	C-5V	280	2000	CD/1	120/10	
	T14	Med.	S2417	40T14/CL/15S/120V/Vint.	120	Clear	4 5/16	Cage Style	160	3000	Box	50/10	
			S2416	40T14/CL/32S/120V/Vint.	120	Clear	4 5/16	Spiral	160	3000	Box	50/10	
	45	R20	Med.	S3229	45R20	120	Frost	4	CC-9	330	2000	Sleeve	96/12
S3849				45R20	130	Frost	4	CC-9	330	2000	Sleeve	96/12	
S8519				45R20/5M	130	Frost	4	C-9	280	5000	Sleeve	60/12	
50	A19	Med.	S5011	50A19/F/12V	12	Frost	4 1/8	C-6	540	1500	Box	120/6	
			S5021	50A19/F/34V	34	Frost	4 1/8	C-6	540	1500	Box	120/6	
			S3969	50A/RS	130	Frost	4 1/8	C-11/5	380	2500	2pk	24	
50/100/150	A21	Med.	S1821	50/150A21/W	120	White	5 5/16	CC-2V/C-9	520/1050/1570	2500	Sleeve	36/12	
			S4823 ■	50/150A21/VLX	120	Full Spectrum	5 5/16	C-9	350/910/1260	5000	Box	50/10	3
	PS25	Mog.	S1825	50/150PS25/F	120	Frost	6 3/4	CC-2V/C-9	550/1300/1850	2000	Box	36/12	
50/200/250	A21	Med.	S1823	50/250A21/W	120	White	5 5/16	C-9	640/3300/3940	1500	Sleeve	12	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



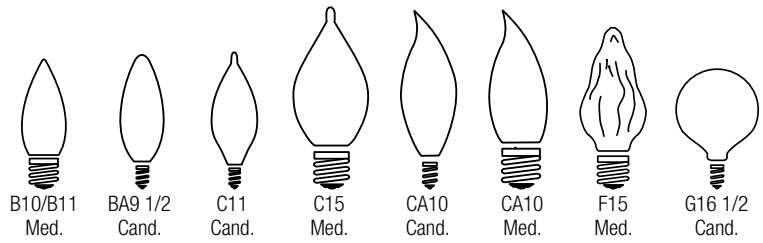
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
50	BR30	Med.	S3259	50BR30/FL	120	Frost	5 3/8	CC-9	360	2000	Sleeve	96/12	
	ER30	Med.	S4956	50ER30	130	Frost	6 1/8	CC-6	310	2000	Sleeve	24	
Shatter Proof	R20	Med.	S4886	50R20/TF	120	Frost	4	CC-9	300	2000	Sleeve	96/12	4
			S3203	50R20/A	130	Amber	4	CC-9	–	2000	Sleeve	96/12	
			S3202	50R20/B	130	Blue	4	CC-9	–	2000	Sleeve	96/12	
			S3201	50R20/G	130	Green	4	CC-9	–	2000	Sleeve	96/12	
			S3212	50R20/PK	130	Pink	4	CC-9	–	2000	Sleeve	96/12	
			S3200	50R20/R	130	Red	4	CC-9	–	2000	Sleeve	96/12	
			S2850	50R20/GRO	120	Plant	4	C-9	–	2000	Box	96/12	
			60	A15	Cand.	S4162	60A15/CL/E12	130	Clear	3 3/8	C-9	700	1000
S2742	60A15/CL/E12S	120	Clear			3 3/8	C-9	700	1000	CD/2	120/10		
	A15	Med.	S4163	60A15/F/E12	130	Frost	3 3/8	C-9	700	1000	Box	500/25	
			S2743	60A15/F/E12S	120	Frost	3 3/8	C-9	700	1000	CD/2	120/10	
			S3870 †	60A15/CL	130	Clear	3 1/2	C-9	580	2500	Box	500/25	
			S3739 †	60A15/CL	130	Clear	3 1/2	C-9	580	2500	CD/1	240/20	
			S3871 †	60A15/F	130	Frost	3 1/2	C-9	570	2500	Box	500/25	
			S3740 †	60A15/F	130	Frost	3 1/2	C-9	570	2500	CD/1	240/20	
Shatter Proof			S4882	60A15/TF	130	Frost	3 1/2	C-9	570	2500	Box	500/25	4
	A19	Med.	S4077	60A19/W/230V	230	White	4 1/8	C-9	570	1000	Box	120	
			S3942	60A19/CL/VS	130	Clear	4 1/8	C-9	580	2500	2pk	120	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



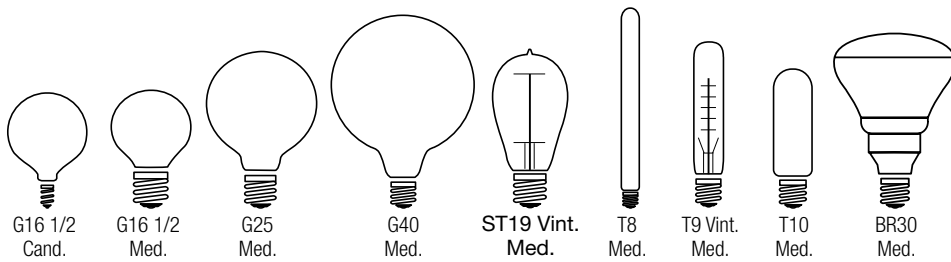
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes		
60	A19	Med.	S3952	60A19/F/VS	130	Frost	4 1/8	C-9	580	2500	2pk	120			
			S8522	60A19/RS	130	Frost	4 1/8	C-11/5	440	5000	4pk	120			
			Shatter Proof S3927	60A/RS/TF/2PK	130	Frost	4 1/8	C-9	520	5000	2pk	12/2	4		
			Shatter Proof S3930	60A/RS/TF	130	Frost	4 1/8	C-9	520	5000	Box	12	4		
			S3955	60A/SL	130	Silver Crown	4 1/8	C-9	580	1500	Box	24			
			S2419	60A19/CL/120V/Vint.	120	Clear	4 1/2	Quad Loop	240	3000	Box	48/6			
			S4985	60A/B	130	Cer. Blue	4 1/8	C-9	–	2000	Sleeve	24/12			
			S4986	60A/G	130	Cer. Green	4 1/8	C-9	–	2000	Sleeve	24/12			
			S4984	60A/R	130	Cer. Red	4 1/8	C-9	–	2000	Sleeve	24/12			
			S4987	60A/Y	130	Cer. Yellow	4 1/8	C-9	–	2000	Sleeve	24/12			
			S3938	60A/Bug	130	Yellow	4 1/8	C-9	–	2000	2pk	24			
			B10	Cand.	S3284	60B10	120	Clear	3 3/4	CC-2V	672	1500	Box	500/25	
					S3784	60B10	120	Clear	3 3/4	CC-2V	672	1500	CD/2	120/10	
					S4997	KR60B10	120	Clear	3 7/8	CC-2V	720	2500	Box	500/25	1
					A3684	60B10	130	Clear	3 3/4	CC-2V	642	2500	Box	500/25	
					S3287	60B10/F	120	Frost	3 3/4	CC-2V	672	1500	Box	500/25	
					S3787	60B10/F	120	Frost	3 3/4	CC-2V	672	1500	CD/2	120/10	
A3687	60B10/F	130			Frost	3 3/4	CC-2V	642	2500	Box	500/25				
S3290	60B10/W	120			White	3 3/4	CC-2V	630	1500	Box	500/25				
S3790	60B10/W	120			White	3 3/4	CC-2V	630	1500	CD/2	120/10				
A3690	60B10/W	130			White	3 3/4	CC-2V	564	2500	Box	500/25				
S3388	60B10/220V	220			Clear	3 3/4	CC-2F	650	1000	Box	500/25				
Euro.	S3392	60B10			120	Clear	3 3/4	CC-2V	650	1500	Box	500/25			
	S4713	60B10			120	Clear	3 3/4	CC-2V	650	1500	CD/2	120/10			
	S3382	60B10/F			120	Frost	3 3/4	CC-2V	650	1500	Box	500/25			
	S4716	60B10/F			120	Frost	3 3/4	CC-2V	650	1500	CD/2	120/10			

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



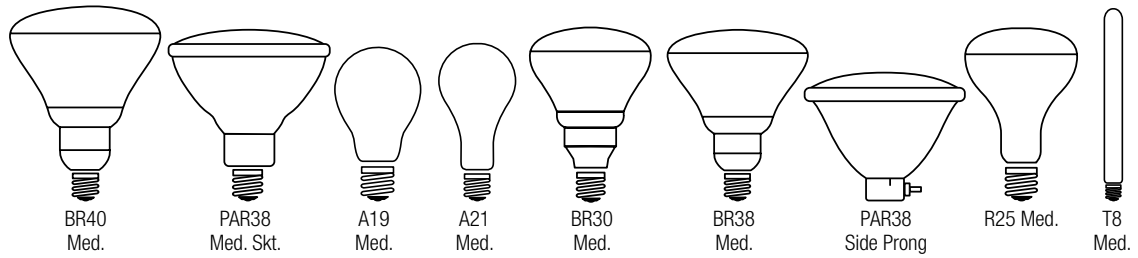
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
60	B10/B11	Med.	S7010	60B11/TF Shatter Proof	130	Frost	3 7/8	CC-2V	600	2500	Box	500/25	
	BA9 1/2	Cand.	S3819	60BA9 1/2/A	120	Trans. Amber	3 ½	CC-2V	–	1500	Box	500/25	
	C11	Cand.	S3405	60C11	120	Satin Spun	4	C-7A	606	1500	Box	500/25	
			S2705	60C11	120	Satin Spun	4	C-7A	606	4000	CD/2	120/12	
	C15	Med.	S2715	60C15	120	Satin Spun	4 ½	C-9	606	4000	CD	500/25	
			S3415	60C15	120	Satin Spun	4 ½	C-9	606	4000	Box	120/12	
	CA10	Cand.	S3262	60CA10	120	Clear	4 ¼	CC-2V	650	1500	Box	500/25	
			S3762	60CA10	120	Clear	4 ¼	CC-2V	650	1500	CD/2	120/10	
			S4467	KR60CA10	120	Clear	4 ¼	CC-2V	720	2500	Box	500/25	1
			A3662	60CA10	130	Clear	4 ¼	CC-2V	642	2500	Box	500/25	
			S3263	60CA10/F	120	Frost	4 ¼	CC-2V	640	1500	Box	500/25	
	F15	Med.	S3763	60CA10/F	120	Frost	4 ¼	CC-2V	640	1500	CD/2	120/10	
			A3663	60CA10/F	130	Frost	4 ¼	CC-2V	635	2500	Box	500/25	
			S3376	60F15/VS	120	Clear	4 ½	C-9	620	1500	Box	300/25	
	G16 1/2	Cand.	S3378	60F15/AU	120	Aurora	4 ½	CC-9	–	1500	Box	300/25	
			S3377	60F15/A	120	Amber	4 ½	CC-9	–	1500	Box	300/25	
	G16 1/2	Cand.	S3771	60G16 1/2	120	Clear	3	CC-2V	672	1500	CD/2	120/10	
			S3831	60G16 1/2	120	Clear	3	CC-2V	672	1500	Box	500/25	
			A3931	60G16 1/2	130	Clear	3	CC-2V	642	2500	Box	500/25	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



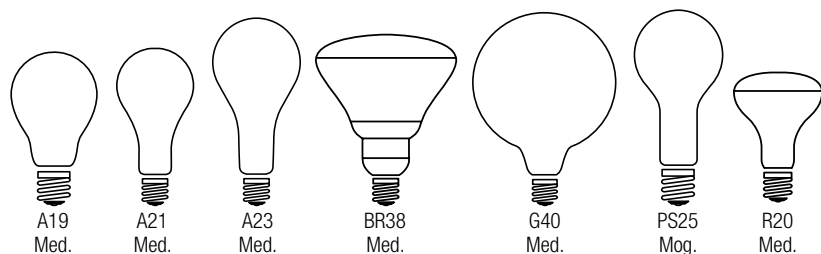
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
60	G16 1/2	Cand.	S3772	60G16 1/2/W	120	Satin White	3	CC-2V	630	1500	CD/2	120/10	
			S3832	60G16 1/2/W	120	Satin White	3	CC-2V	630	1500	Box	500/25	
			A3932	60G16 1/2/W	130	Satin White	3	CC-2V	564	2500	Box	500/25	
			S3271	60G16 1/2/W	120	Gloss White	3	CC-2V	630	1500	Box	500/25	
			S3246	60G16 1/2/SL	120	Silver Crown	3	CC-2V	672	1500	Box	500/25	
		Med.	S4543 †	60G16 1/2/W	120	Gloss White	3 1/4	CC-2V	550	1500	CD/1	500/25	
		G25	Med.	S3862	60G25/SL	120	Silver Crown	4 3/8	C-9	540	1500	Box	72/6
		G40	Med.	S3012	60G40	120	Clear	6 3/4	C-9	580	4000	Box	24/6
	S3002			60G40/W	120	Gloss White	6 3/4	C-9	550	4000	Box	24/6	
		ST19	Med.	S2423	60ST19/CL/15S/120V/Vint.	120	Clear	5 3/16	Cage Style	240	3000	Box	48/6
		T8	Med.	S2978	60T8	130	Clear	12	C-8	425	2000	Box	10
		T9	Med.	S2422	60T9/CL/12S/120V/Vint.	120	Clear	7 5/16	Hairpin	230	3000	Box	50/10
		T10	Med.	S3896 †	60T10	120	Clear	5	C-5V	500	2000	Box	500/25
	S3704 †			60T10	120	Clear	5	C-5V	500	2000	CD/1	120/10	
S3899 †	60T10/F			120	Frost	5	C-5V	500	2000	Box	500/25		
S3705 †	60T10/F			120	Frost	5	C-5V	500	2000	CD/1	120/10		
			S2880	60T10/CLR/120/TF/PFA	120	Clear	5	C-5	500	2000	Box	200/25	
65	BR30	Med.	S2808	65BR30/FL	120	Frost	5 3/8	CC-9	685	2000	Box	48/12	
			S2817	65BR30/FL/2PK	120	Frost	5 3/8	CC-9	620	2000	2pk	60/2	
			S3408	65BR30/FL	130	Frost	5 3/8	CC-9	620	2000	Box	48/12	
			S8520	65BR30/FL	130	Frost	5 3/8	C-9	530	5000	Box	60	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



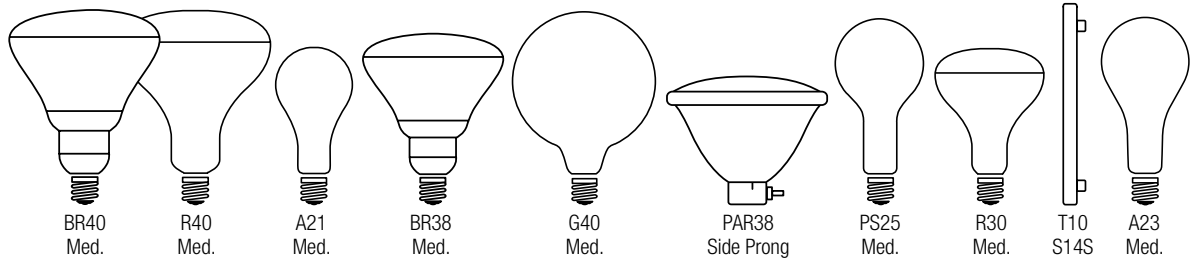
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
65	BR30	Med.	S3417	65BR30/FL/2PK	130	Frost	5 3/8	CC-9	620	2000	2pk	60/2	
	Shatter Proof		S4887	65BR30/TF	120	Frost	5 3/8	C-9	685	2000	Sleeve	48/12	4
	BR40	Med.	S2853	65BR40/FL	120	Frost	6 1/2	CC-6	580	2500	Sleeve	24	
			S4453	65BR40/FL	130	Frost	6 1/2	CC-6	540	2500	Sleeve	24	
			S8521	65BR40/FL	130	Frost	6 1/2	C-9	510	5000	Box	24	
	PAR38	Side Prong	S4800 ▲	65PAR/3FL/MINE	120	Clear	4 5/16	CC-6	765	2000	Box	12	
69	A21	Med.	S2996 ▲	69A21/TS/8M	130	Clear	4 7/16	C-9	640	8000	Sleeve	24	2
75	A19	Med.	S3970	75A/RS	130	Frost	4 1/8	C-11/5	710	2500	2pk	24	
			S8517	75A/RS	130	Frost	4 1/8	C-11/5	590	5000	4pk	120	
	Shatter Proof		S3928	75A/RS/TF/2PK	130	Frost	4 1/8	C-9	680	5000	2pk	12/2	4
	Shatter Proof		S3931	75A/RS/TF	130	Frost	4 1/8	C-9	680	5000	Box	12	4
			S4078	75A19/W/230V	230	White	4 1/8	CC-2F	808	1000	Box	120	
			S3920	75A/BlackLight	120	Black Light	4 1/8	C-9	–	480	Box	96/6	
	A21	Med.	S5012	75A21/F/12V	12	Frost	5 5/16	C-6	720	1500	Box	120/6	
			S5022	75A21/F/34V	34	Frost	5 5/16	C-6	720	1500	Box	120/6	
			S3934	75A21/IF	130	Frost	5 5/16	C-9	680	5000	Sleeve	120/6	
	Shatter Proof		S3972	75A21/TF	130	Frost	5 5/16	C-9	700	2500	Box	24	4
	BR30	Med.	S3239	75BR30/A	130	Amber	5 3/8	C-9	–	2000	Sleeve	96/12	
			S3228	75BR30/B	130	Blue	5 3/8	C-9	–	2000	Sleeve	96/12	
			S3227	75BR30/G	130	Green	5 3/8	C-9	–	2000	Sleeve	96/12	
			S3213	75BR30/PK	130	Pink	5 3/8	C-9	–	2000	Sleeve	96/12	
			S3240	75BR30/R	130	Red	5 3/8	C-9	–	2000	Sleeve	96/12	
	BR38	Med.	S5000	75BR38/FL/230V	230	Clear	5 5/16	CC-9	700	2000	Box	12	
	R25	Med.	S2851	75R25/GRO	120	Plant	4 3/4	C-9	–	2000	Box	96/12	
	T8	Med.	S2979	75T8	130	Clear	12	C-8	584	2000	Box	10	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



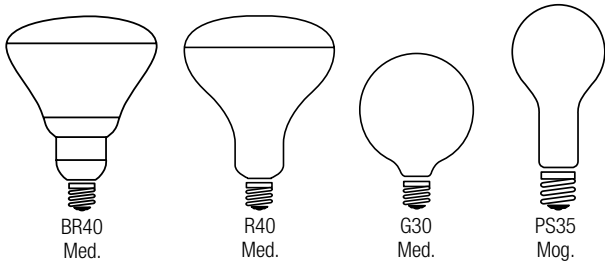
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes	
100	A19	Med.	S4079	100A19/W/230V	230	White	4 1/8	C-9	1178	1000	Box	120		
			S6010	100A/LHT	130	Frost	4 1/8	C-9	1200	2000	Sleeve	120/6		
				S3971†	100A/RS	130	Frost	4 1/8	C-11/5	1100	2500	2pk	24	
				S8518†	100A/RS	130	Frost	4 1/8	C-11/5	900	5000	4pk	120	
		Shatter Proof		S3929	100A/RS/TF/2PK	130	Frost	4 1/8	C-9	960	5000	2pk	12/2	4
		Shatter Proof		S3932	100A/RS/TF	130	Frost	4 1/8	C-9	960	5000	Box	12	4
				S3956	100A/SL	130	Silver Crown	4 1/8	C-9	960	1500	Box	24	
				S3939	100A/Bug	130	Yellow	4 1/8	C-9	–	2000	2pk	24	
		A21	Med.	S5013	100A21/F/12V	12	Frost	5 5/16	C-6	980	1500	Box	120/6	
				S5023	100A21/F/34V	34	Frost	5 5/16	C-6	980	1500	Box	120/6	
				S3935	100A21/F/VS	130	Frost	5 5/16	C-7A/5	1030	5000	Sleeve	130	
		Shatter Proof		S3973	100A21/TF	130	Frost	5 5/16	C-9	1000	2500	Box	24	4
		A23	Med.	S3936	100A23/F/VS	130	Frost	6 1/16	C-7A/5	1030	5000	Sleeve	120/6	
		BR38	Med.	S4424	100BR38/R	120	Red	5 5/16	CC-9	–	2000	Box	6	
				S4425	100BR38/A	120	Amber	5 5/16	CC-9	–	2000	Box	6	
				S4426	100BR38/Y	120	Yellow	5 5/16	CC-9	–	2000	Box	6	
				S4427	100BR38/G	120	Green	5 5/16	CC-9	–	2000	Box	6	
				S4428	100BR38/B	120	Blue	5 5/16	CC-9	–	2000	Box	6	
				S4429	100BR38/PK	120	Pink	5 5/16	CC-9	–	2000	Box	6	
				S5002	100BR38/R/230V	230	Red	5 5/16	CC-9	–	2000	Box	6	
			S5003	100BR38/A/230V	230	Amber	5 5/16	CC-9	–	2000	Box	6		
			S5004	100BR38/Y/230V	230	Yellow	5 5/16	CC-9	–	2000	Box	6		
			S5005	100BR38/G/230V	230	Green	5 5/16	CC-9	–	2000	Box	6		
			S5006	100BR38/B/230V	230	Blue	5 5/16	CC-9	–	2000	Box	6		
			S5007	100BR38/PK/230V	230	Pink	5 5/16	CC-9	–	2000	Box	6		
	G40	Med.	S3013	100G40	120	Clear	6 3/4	C-9	1150	4000	Box	24/6		
			S3003	100G40/W	120	Gloss White	6 3/4	C-9	1050	4000	Box	24/6		
100/200/300	PS25	Mog.	S1822	100/300W	120	White	6 3/4	CC-6/C-9	1385/3540/4925	1200	Sleeve	12		
		Mog.	S1826	100/300PS25/F	120	Frost	6 3/4	CC-6/CC-6	1300/2800/4100	2000	Sleeve	12		
100	R20	Med.	S7002	100R20FL/POOL	12	Frost	3 9/16	CC-6	1000	2000	Box	100/10		
			S7001	100R20FL/POOL	130	Frost	3 9/16	CC-6	970	2000	Box	100/10		

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
120	BR40	Med. Skt.	S7011	120BR40/TF	130	Frost	6 ½	C-9	1150	5000	Box	24	
	PAR38	Side Prong	S4802 ▲	120PAR/3FL/MINE	120	Clear	4 5/16	CC-6	1740	2000	Box	12	
			S4803 ▲	120PAR/3SP/MINE	120	Clear	4 5/16	CC-6	1740	2000	Box	12	
125	R40	Med.	S4750	125R40/1	120	Clear Heat	6 ½	C-11	–	6000	Box	12	
			S4756	125R40/1/CL/2PK	120	Clear Heat	6 ½	C-11	–	6000	Box	12	
135	A21	Med.	S2999 ▲	135A21/TS/8M/SS	120	Clear	4 7/16	C-11V	1750	8000	Sleeve	24	2
150	A21	Med.	S3946	150A21/CL/120V	120	Clear	5 1/16	CC-6	2670	750	Box	24	
			S3945	150A21/FR/120V	120	Frost	5 1/16	CC-6	2670	750	Box	24	
Shatter Proof			S4883	150A21/TF	130	Frost	5 1/16	C-9	1750	2500	Box	24	4
	BR38	Med.	S5001	150BR38/FL/230V	230	Clear	5 5/16	CC-9	1550	2000	Box	12	
	G40	Med.	S3014	150G40	120	Clear	6 ¾	C-9	1700	4000	Box	24/6	
S3004			150G40/W	120	Gloss White	6 ¾	C-9	1550	4000	Box	24/6		
Shatter Proof	PS25	Med.	S3017	150PS25/TF	130	Frost	6 15/16	C-9	2200	5000	Box	24	4
	R30	Med.	S2852	150R30/GRO	120	Plant	5 15/16	C-9	–	2000	Box	96/12	
175	BR38	Med.	S4751	175BR38/HR	120	Red Heat	5 15/16	C-9	–	5000	Box	12	
			S4752	175BR38/HC	120	Clear	5 5/16	C-9	–	5000	Box	12	
200	A23	Med.	S3958	200A23/CL/120V	120	Clear	6 1/16	CC-6	2900	2500	Box	24	
			S3957	200A23/FR/120V	120	Frost	6 1/16	CC-6	2780	2500	Box	24	
250	R40	Med.	S4999	250R40/1	120	Clear Heat	6 ½	C-9	–	6000	Sleeve	12	
			S4755	250R40/1/CL/2PK	120	Clear Heat	6 ½	C-9	–	6000	Box	12	
Shatter Proof			S4885	250R40/1/TF	120	Clear Heat	6 7/8	C-9	–	6000	Sleeve	12	4
	BR40	Med.	S4757	250BR40/1/CL/3PK	120	Clear Heat	6 ½	CC-9	–	6000	Box	24/3	
Shatter Proof			S4758	250BR40/1/CL/TF/3PK	120	Clear Heat	6 ½	CC-9	–	6000	Box	24/3	
			S4998	250R40/HR	120	Red Heat	6 ½	C-9	–	6000	Sleeve	12	
Shatter Proof			S4754	250R40/HR/2PK	120	Red Heat	6 ½	C-9	–	6000	Box	12	
			S4884	250R40/HR/TF	120	Red Heat	6 7/8	C-9	–	6000	Sleeve	12	4
300	BR40	Med.	S7004	300BR40FL/POOL	12	Frost	6 ½	CC-9/1	2960	2000	Box	24/12	
			S4353 ▲	300BR/FL	120	Flood	6 ½	CC-2V	3030	2000	Sleeve	24	
			S7003	300BR40FL/POOL	130	Frost	6 ½	CC-9/1	2485	2000	Box	24/12	
	PS25	Med.	S4959	300M/CL	130	Clear	6 15/16	C-9	3600	5000	Box	24	
			S4960	300M/IF	130	Frost	6 15/16	C-9	3600	5000	Box	24	
	PS35	Mog.	S4961	300PS35/CL	130	Clear	9 3/8	C-9	3600	2500	Box	12	
			S4962	300/PS35/IF	130	Frost	9 3/8	C-9	3600	2500	Box	12	
			S7982	300PS35/SB/IF	130	Silver Bowl Inside Frost	9 3/8	C-9	–	1000	Box	24	

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.



Watts		Bulb Type	Base	Satco Prod. #	Lamp Code	Volts	Finish	M.O.L. Inches	Filament	Initial Lumens	Avg. Rated Hours	Pkg. Type	Master/Inner Carton	Notes
375	Shatter Proof	R40	Med.	S7012	375R40/TF	120	Clear Heat	7 5/8	C-11	–	5000	Box	12	4
		R40	Med.	S4366	375R40/1	120	Clear Heat	7 5/8	C-11	–	5000	Box	12	
400		BR40	Med.	S7006	400BR40FL/POOL	120	Frost	6 ½	CC-9/1	4000	2000	Box	24/12	
		G30	Med.	S7005	400G30/CL/POOL	120	Clear	5	CC-9/1	6000	2000	Box	100/10	
500		BR40	Med.	S7007	500BR40FL/POOL	130	Frost	6 ½	CC-9/1	5500	2000	Box	24/12	
		PS35	Mog.	S3015	500PS35/CL	130	Clear	9 3/8	CC-8	8000	5000	Box	24	
		Shatter Proof		S3016	500PS35/TF	130	Clear	9 3/8	CC-8	8000	5000	Box	24	4

NOTE: When using a 130 Volt lamp on a 120 Volt line, life is extended approximately 2.5 times and lumens are reduced approximately 20%.

General Incandescent Notes

- = Product by a manufacturer other than Satco
- ▲ = Product by one of the Primary lamp manufacturers
- † = To be discontinued when inventory is depleted.
- CD/1** = Carded or Clamshell – 1 lamp per card
- CD/2** = Carded or Clamshell – 2 lamps per card
- CD/4** = Carded or Clamshell – 4 lamps per card

Incandescent Notes

- 1 Krypton decorative bulbs create a brilliant sparkle, similar to the look of halogen. Additionally, Krypton bulbs last longer than conventional incandescent bulbs, maintaining their lumen output for the full course of their life.
- 2 While these very long life lamps were originally designed for traffic signals, we offer them primarily as an extraordinarily long life product. Per Title 20 Section 1605.3(m) of the California code of regulations, these lamps may not be sold or offered for sale in the state of California for use in traffic signals.

- 3 These Natural Spectrum light bulbs contain Neodymium, a rare earth element that filters out the excessive yellow part of the spectrum to which our eY are most sensitive. Made of hand blown glass, these incredible bulbs are the closest replication of natural sunlight available in an incandescent. These bulbs last up to five times longer than ordinary bulbs, show colors more accurately, increase the contrast between black and white, and reduce glare, eyestrain, and fatigue. While other manufacturers use a film that can degrade from the heat of the incandescent filament, the Neodymium in these lamps are integral to the glass, and therefore will last for the life of the bulb.
- 4 **Shatter Proof** lamps are designed for any application where the bulbs are at risk of being broken. The rubber coating will contain the glass particles should the lamp break, keeping it from falling into food, or anywhere else. Many jurisdictions now require the use of coated lamps in all food preparation, and service areas.
- 5 Designed primarily for picture light applications.



The largest lighting problems, solved.

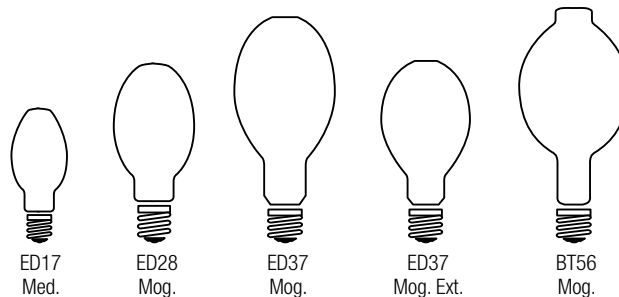
High Intensity Discharge, or HID lamps, as they are commonly called, are a lighting mainstay for commercial applications, indoors or out. Our Hygrade™ brand covers all the HID technologies; mercury vapor, metal halide, and high pressure sodium. Manufactured to the highest quality standards, our HID lamps are in-service in virtually every state, in every type of business. Satco Hygrade high intensity discharge lamps are perfect for large indoor or outdoor open areas such as parking lots, street lighting, warehouses, anywhere high lumen output is critical.

HID lamp features:

- Energy saving pulse start
- Protected MH for open rated fixtures
- Available from 50 to 1500 Watts
- High quality, rugged Arc tubes and frames
- Hydroponic line including Metal Halide to High Pressure Sodium conversion lamps
- Long life – up to 24,000 hours
- Full range of color temperatures from 1800K to 12000K



HID



Metal Halide Lamps – Protected/Pulse Start* (Med. Base)

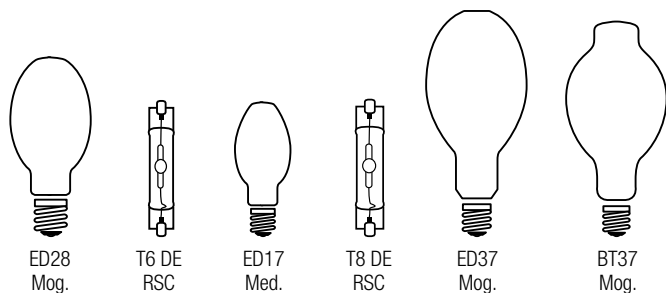
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
50	ED17	Med.	S5854	MP50/ED17/U/PS	Clear	Y	Y	M110/0	4000	65	6000	3800	Univ.	5	7/16 12
			S4847	MP50/C/ED17/U/PS	Coated	Y	Y	M110/0	3000	70	10000	3300	Univ.	5	7/16 12
70	ED17	Med.	S5856	MP70/ED17/U/PS	Clear	Y	Y	M98/0	4000	65	10000	6000	Univ.	5	7/16 12
			S4849	MP70/C/ED17/U/PS	Coated	Y	Y	M98/0	3700	70	15000	5300	Univ.	5	7/16 12
100	ED17	Med.	S5858	MP100/ED17/U/PS	Clear	Y	Y	M90/0	4000	65	10000	9500	Univ.	5	7/16 12
			S4851	MP100/C/ED17/U/PS	Coated	Y	Y	M90/0	3700	70	15000	8100	Univ.	5	7/16 12
150	ED17	Med.	S5860	MP150/ED17/U/PS	Clear	Y	Y	M102/0	4000	65	10000	14000	Univ.	5	7/16 12
			S4853	MP150/C/ED17/U/PS	Coated	Y	Y	M102/0	3700	70	10000	13500	Univ.	5	7/16 12
175	ED17	Med.	S5863	MP175/ED17/U/PS	Clear	Y	Y	M152/0	4200	65	15000	10800	Univ.	5	7/16 12

* High Output lamps for use in open or enclosed fixtures.

Metal Halide Lamps – Protected/Pulse Start* (Mog. Base)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
200	ED28	Mog.	S5881	MP200/ED28/PS/BU/4K	Clear	Y	Y	M136/0	4200	65	15000	20000	BU+/- 15	8	5/1612
250	ED28	Mog.	S5882	MP250/ED28/PS/BU/4K	Clear	Y	Y	M153/0	4200	65	15000	23500	BU+/- 15	8	5/1612
320	ED28	Mog.	S5883	MP320/ED28/PS/BU/4K	Clear	Y	Y	M154/0	4200	65	20000	31000	BU+/- 15	8	5/1612
			S4254	MP320/C/ED28/PS/BU	Coated	Y	Y	M154/0	3700	70	20000	29000	BU+/- 15	8	5/1612
350	ED37	Mog.	S4256	MP350/ED37/V/UVS/UPS/4K/EX39	Clear	Y	Y	M131/0	4000	65	20000	33000	Vert+/- 15	11 ½	12
			S4257	MP350/ED37/C/V/UVS/UPS/4K/EX39	Coated	Y	Y	M131/0	3700	70	20000	33000	Vert+/- 15	11 ½	12
400	ED37	Mog.	S4259	MP400/ED37/C/BU/UVS/UPS/4K/EX39	Coated	Y	Y	M155/0	3700	70	20000	40000	BU+/- 15	11 ½	12
			S5884	MP400/ED37/PS/BU/4K	Clear	Y	Y	M155/0	4200	65	20000	42000	BU+/- 15	11 ½	12
			Mog. Ext.	S5888	MP400/ED28/PS/BU/4K	Clear	Y	Y	M155/0	4200	65	20000	42000	BU+/- 15	8
1000	BT56	Mog.	S7882	MP1000/BT56/PS/BU/4K/EX39	Clear	Y	Y	M141/0	4200	68	12000	105000	BU+/- 15	15	3/8 12

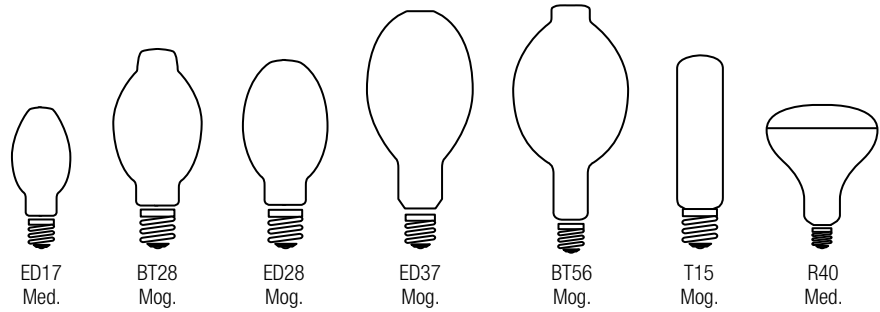
* High Output lamps for use in open or enclosed fixtures.



Metal Halide Lamps – Pulse Start*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
70	ED28	Mog.	S5830	MH70/ED28/U/4K	Clear	Y	N	M98/E	4200	65	15000	5600	Univ.	8 5/16	12
	T6 DE	RSC	S4864 ■	MH-DE70/42K	Clear	Y	N	M85/E	4200	65	10000	5500	HOR+/-15	13	25
100	ED28	Mog.	S5832	MH100/ED28/PS	Clear	Y	N	M90/E	4200	65	15000	8500	Univ.	8 5/16	12
125	ED28	Mog.	S5822	MH125/ED28/PS/HBU/4K	Clear	Y	N	M150/E	4200	65	15000	12000	Univ.	8 5/16	12
150	ED28	Mog.	S5834	MH150/ED28/U/4K	Clear	Y	N	M102/E	4200	65	15000	12000	Univ.	8 5/16	12
	T8 DE	RSC	S4866 ■	MH-DE150/3K	Clear	Y	N	M81/E	3000	70	10000	12500	HOR+/-15	5 7/16	12
			S4867 ■	MH-DE150/42K	Clear	Y	N	M81/E	4200	65	10000	12000	HOR+/-15	5 7/16	25
175	ED17	Med.	S4235	MS175/C/BU/UPS/ED17/4K/E26	Coated	Y	N	M152/E	3700	70	15000	16600	BU+/-15	5 7/16	12
	ED28	Mog.	S5824	MS175/ED28/PS/BU/4K	Clear	Y	N	M152/E	4200	65	16000	17000	Univ.	8 5/16	12
			S4237	MS175/C/BU/UPS/ED28/4K/E39	Coated	Y	N	M152/E	3700	70	16000	16600	BU+/-15	8 5/16	12
200	ED28	Mog.	S5838	MS200/ED28/PS/U/4K	Clear	Y	N	M136/E	4200	65	15000	19000	Univ.	8 5/16	12
250	ED28	Mog.	S5839	MS250/ED28/PS/U/4K	Clear	Y	N	M153/E	4000	65	15000	25000	Univ.	8 5/16	12
320	ED28	Mog.	S5841	MS320/ED28/PS/U/4K	Clear	Y	N	M154/E	4200	65	20000	33000	Univ.	8 5/16	12
			S4242	MS320W/ED28/C/UPS/V/4K/E39	Coated	Y	N	M154/E	3700	70	20000	32000	Vert+/-15	8 5/16	12
350	ED28	Mog.	S5825	MS350/ED28/PS/U/4K	Clear	Y	N	M131/E	4200	65	20000	37000	Univ.	8 5/16	12
	ED37	Mog.	S4244	MS350W/ED37/C/UPS/V/4K/E39	Coated	Y	N	M131/E	3700	70	20000	35000	Vert+/-15	11 1/2	12
400	ED37	Mog.	S4246	MS400W/ED37/C/UPS/V/4K/E39	Coated	Y	N	M155/E	3700	70	20000	42000	Vert+/-15	11 1/2	12
	ED28	Mog.	S5878	MS400/ED28/PS/U/4K	Clear	Y	N	M155/E	4200	65	20000	44000	Univ.	8 5/16	12
			S4248	MS400W/ED28/C/UPS/V/4K/E39	Coated	Y	N	M155/E	3700	70	20000	42000	Vert+/-15	8 5/16	12
750	BT37	Mog.	S4390 ▲	MS750/PS/BU-HOR/BT37	Clear	Y	N	M149/E	4000	65	16000	80000	BU+/-90	11 1/2	6
1000	BT37	Mog.	S4391	MS1000/BU/BT37/PS/4K/E39	Clear	Y	N	M141/E	4000	65	12000	115000	BU+/-15	11 1/2	12

* High Output lamps for use in enclosed fixtures only.



Metal Halide Lamps – Protected*

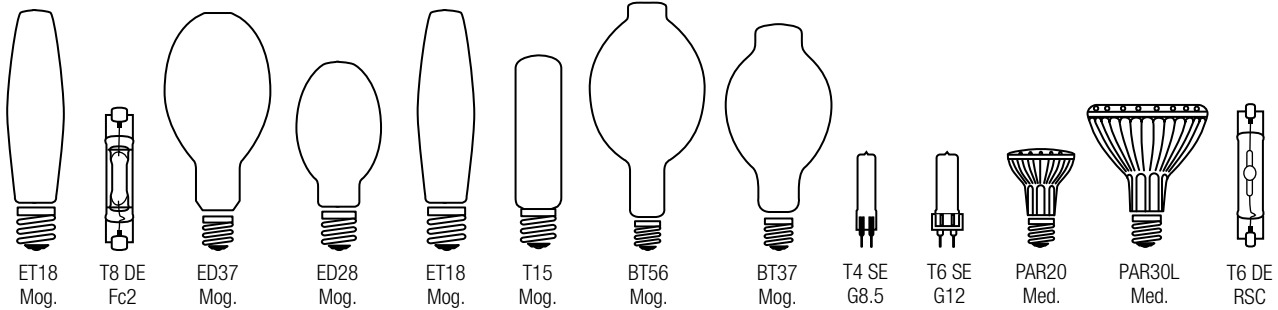
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
175	ED17	Med.	S5862	MP175/ED17/U	Clear	N	Y	M57/O	4000	65	12000	14000	Univ.	5 7/16	12
	BT28	Mog.	S4384 ▲	MP175/BU-ONLY	Clear	N	Y	M57/O	4000	65	10000	14400	BU+/-15	8 5/16	6
	ED28	Mog.	S5885	MP175/ED28/BU/4K	Clear	N	Y	M57/O	4200	65	10000	14400	BU+/-15	8 5/16	12
250	BT28	Mog.	S4386 ▲	MP250/BU-ONLY	Clear	N	Y	M58/O	4000	65	10000	23000	BU+/-15	8 5/16	6
			S5886	MP250/ED28/BU/4K	Clear	N	Y	M58/O	4200	65	10000	23000	BU+/-15	8 5/16	12
400	ED37	Mog.	S5887	MP400/ED37/BU/4K	Clear	N	Y	M59/O	3600	65	20000	40000	BU+/-15	11 1/2	12
			S4388 ■	MP400/BU-ONLY	Clear	N	Y	M59/O	3600	65	20000	40000	BU+/-15	11 1/2	6
1000	BT56	Mog.	S7921	MP1000/BT56/BU/4K/EX39	Clear	N	Y	M47/O	4000	65	12000	100000	BU+/-15	15 3/8	6

* Probe start lamps for use in open or enclosed fixtures.

Metal Halide Lamps – Standard*

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
70	ED17	Med.	S4857	MH70/C/U/ED17/4K/E26	Coated	Y	N	M98/E	3700	70	15000	5300	Univ.	5 7/16	12
100	ED28	Mog.	S5832	MH100/ED28/U/4K	Clear	N	N	M90/E	4200	65	15000	8500	Univ.	8 5/16	12
150	ED17	Med.	S4379	MH150/U/ED17/4K/E26/EM	Clear	N	N	M107/E	4000	65	10000	13500	Univ.	5 7/16	12
			S4861	MH150/C/U/ED17/4K/E26	Coated	Y	N	M102/E	3700	70	10000	12500	Univ.	5 7/16	12
175	BT28	Mog.	S4829 ▲	MH175/U	Clear	N	N	M57/E	4000	65	10000	14000	Univ.	8 5/16	6
	ED17	Med.	S4862 ▲	MH175/U/MED	Clear	N	N	M57/E	4000	65	10000	16000	Univ.	5 7/16	12
			S4863	MH175/C/U/ED17/4K/E26	Coated	N	N	M57/E	3700	70	10000	13300	Univ.	5 7/16	12
	ED28	Mog.	S5829	MH175/ED28/U/4K	Clear	N	N	M57/E	4200	65	10000	13600	Univ.	8 5/16	12
			S4830	MH175/ED28/C/U/4K/E39	Coated	N	N	M57/E	3700	70	10000	13300	Univ.	8 5/16	12
	T15	Mog.	S4840	MH175/HOR/T15/4K/E39	Clear	N	N	M57/E	4000	65	10000	14000	HOR+/-15	9 3/4	12
	R40	Med.	S4261 ■	MH175W/U/R40/FL70	Frosted	N	N	M57/E	4000	65	10000	6500	Univ.	6 1/2	6
250	ED28	Mog.	S5831	MH250/ED28/U/4K	Clear	N	N	M58/E	4000	65	12000	20000	Univ.	8 5/16	12
			S4832	MH250/C/U/ED28/E39	Coated	N	N	M58/E	3700	70	10000	21500	Univ.	8 5/16	12
	BT28	Mog.	S4831	MH250/U	Clear	N	N	M58/E	4000	65	10000	21000	Univ.	8 5/16	6
	T15	Mog.	S4841	MH250/HOR/T15/4K/E39	Clear	N	N	M58/E	4200	65	10000	20000	HOR+/-15	9 3/4	12

* Probe start lamps for use in open or enclosed fixtures.



Metal Halide Lamps – Standard* (continued)

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
250	ET18	Mog.	S4385 ▲	M250/U/ET18	Clear	N	N	M58/E	4000	65	10000	22000	Univ.	9 ¾	10
	T8 DE	Fc2	S4262 ■	MH-DE250W/3K/Fc2	Clear	N	N	M80/E	3000	70	10000	20000	HOR+/-45	6 7/16	25
			S4263 ■	MH-DE250W/42K/Fc2	Clear	N	N	M80/E	4200	70	10000	20000	HOR+/-45	6 7/16	25
400	ED37	Mog.	S5833	MH400/ED37/U/4K	Clear	N	N	M59/E	4000	65	15000	36000	Univ.	11 ½	12
			S4834	MH400/C/U/ED37/4K/E39	Coated	N	N	M59/E	3700	70	20000	34000	Univ.	11 ½	12
	ED28	Mog.	S5843	MH400/ED28/U/4K/E39	Clear	N	N	M59/E	4200	65	20000	36000	Univ.	8 5/16	12
			S4844	MH400/C/U/ED28/E39	Coated	N	N	M59/E	3700	65	20000	33900	Univ.	8 5/16	12
	ET18	Mog.	S4389 ▲	M400/U/ET18	Clear	N	N	M59/E	4000	65	20000	36000	Univ.	9 ¾	10
	T15	Mog.	S4842	MH400/HOR/T15/4K/E39	Clear	N	N	M59/E	4200	65	15000	36000	HOR+/-15	9 ¾	12
1000	BT56	Mog.	S5835	MH1000/BT56/U/4K	Clear	N	N	M47/E	4000	65	10000	105000	Univ.	15 3/8	6
			S4836 ■	MH1000/C/U/BT56/4K/E39	Coated	N	N	M47/E	3700	70	12000	105000	Univ.	15 3/8	6
	BT37	Mog.	S5845	MH1000/BT37/U/4K	Clear	N	N	M47/E	4200	65	15000	110000	Univ.	11 ½	12
	BT56	Mog.	S4835	MH1000/U	Clear	N	N	M47/S	4000	65	18000	110000	Univ.	15 3/8	6
1500	BT56	Mog.	S5837	MH1500/BT56/U/4K	Clear	N	N	M48/E	4200	65	3000	167000	Univ.	15 3/8	6
			S4839 ■	MH1500/U/XL	Clear	N	N	M48/E	4000	65	6000	170000	Univ.	15 3/8	6

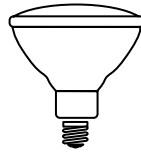
* Probe start lamps for use in open or enclosed fixtures.

Metal Halide Lamps – Ceramic

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
39	T4 SE	G8.5	S4286 ▲	CDM35/TC/830	Clear	Y	N	M130/E	3000	81	9000	3300	Univ.	3 5/16	12
	T6 SE	G12	S4288 ▲	CDM35/T6/830	Clear	Y	N	M130/E	3000	81	12000	3400	Univ.	3 5/16	12
	PAR20	Med.	S4284 ▲	CDM35PAR20/M/SP	Clear	Y	Y	M130/O	3000	81	9000	23000	Univ.	3 ¾	12
			S4285 ▲	CDM35PAR20/M/FL	Clear	Y	Y	M130/O	3000	81	9000	5000	Univ.	3 ¾	12
	PAR30	Med.	S4876 ▲	CDM35PAR30L/M/SP	Clear	Y	Y	M130/O	3000	81	9000	44000	Univ.	4 ¾	6
		S4877 ▲	CDM35PAR30L/M/FL	Clear	Y	Y	M130/O	3000	81	9000	7400	Univ.	4 ¾	6	
70	T4 SE	G8.5	S4287 ▲	CDM70/TC/830	Clear	Y	N	M139/E	3000	83	6000	6400	Univ.	3 5/16	12
	T6 SE	G12	S4289 ▲	CDM70/T6/830	Clear	Y	N	M139/E	3000	81	12000	6600	Univ.	3 5/16	12
			S4264 ▲	CDM70T6/942	Clear	Y	N	M139/E	4200	92	12000	6600	Univ.	3 5/16	12
	T6 DE	RSC	S4292 ▲	CDM70/TD/830	Clear	Y	N	M85/M139/E	3000	82	15000	6500	HOR+/-15	4 11/16	12



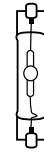
PAR30L
Med.



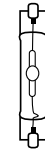
PAR38
Med.



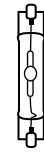
T6 SE
G12



T8 DE
RSC



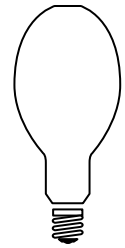
T7 DE
RSC



T6 DE
RSC



ED28
Mog.



ED37
Mog.

Metal Halide Lamps – Ceramic (continued)

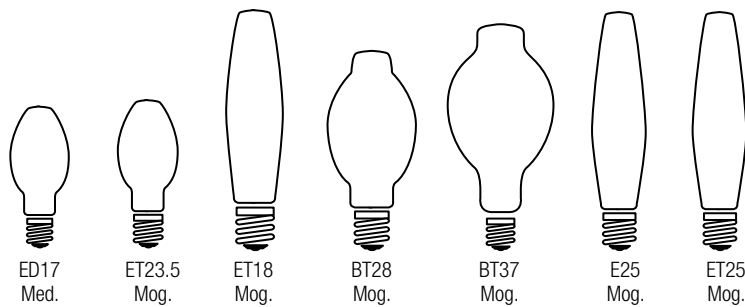
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
70	PAR30	Med.	S4878 ▲	CDM70/PAR30L/M/SP	Clear	Y	Y	M143/M96/0	3000	83	9000	68000	Univ.	4 ¾	12
			S4879 ▲	CDM70/PAR30L/M/FL	Clear	Y	Y	M143/M96/0	3000	83	9000	10000	Univ.	4 ¾	12
	PAR38	Med.	S4897 ▲	CDM70/PAR38/SP/3K	Clear	Y	Y	M143/M96/0	3000	82	10000	50000	Univ.	5 5/16	12
			S4812 ▲	CDM70/PAR38/SP/4K	Clear	Y	Y	M143/M96/0	4000	92	10000	42000	Univ.	5 5/16	12
			S4898 ▲	CDM70/PAR38/FL/3K	Clear	Y	Y	M143/M96/0	3000	82	10000	18000	Univ.	5 5/16	12
			S4813 ▲	CDM70/PAR38/FL/4K	Clear	Y	Y	M143/M96/0	4000	92	10000	16000	Univ.	5 5/16	12
100	PAR38	Med.	S4888 ▲	CDM100/PAR38/SP/3K	Clear	Y	Y	M140/M90/0	3000	85	12500	70000	Univ.	5 5/16	12
			S4814 ▲	CDM100/PAR38/SP/4K	Clear	Y	Y	M140/M90/0	4000	93	10000	25000	Univ.	5 5/16	12
			S4889 ▲	CDM100/PAR38/FL/3K	Clear	Y	Y	M140/M90/0	3000	86	12500	54000	Univ.	5 5/16	12
			S4869 ▲	CDM100/PAR38/FL/4K	Clear	Y	Y	M140/M90/0	4000	93	10000	54000	Univ.	5 5/16	12
150	T6 SE	G12	S4290 ▲	CDM150T6/830	Clear	Y	N	M142/E	3000	85	12000	14000	Univ.	4 5/16	12
			S4266 ▲	CDM150T6/942	Clear	Y	N	M142/E	4200	96	9000	12700	Univ.	4 5/16	25
	T8 DE	RSC	S4293 ▲	CDM150/TD/830	Clear	Y	N	M142/M81/M102/E	3000	88	15000	13250	HOR+/-15	5 7/16	12

Metal Halide Lamps – Double Ended

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
70	T6 DE	RSC	S4865 ■	MH-DE70/3K	Clear	Y	N	M85/E	3000	70	10000	5200	HOR+/-15	4 9/16	12

Metal Halide Lamps – Retrofit for High Pressure Sodium (HPS) Fixtures

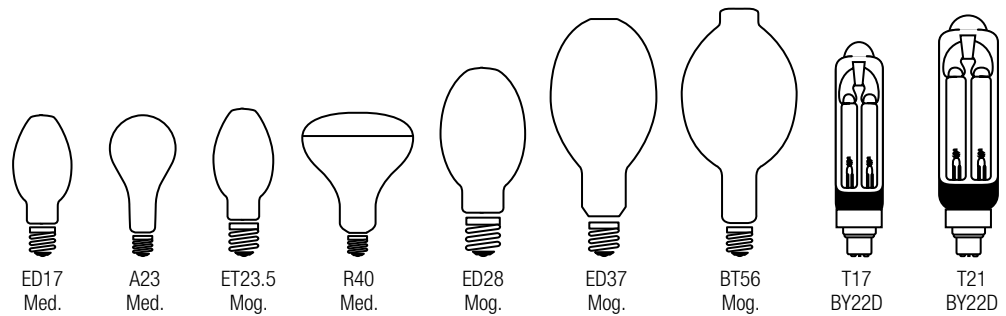
Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	Pulse Start	Open Rated	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
250	ED28	Mog.	S4268	MH250W/BU/LU/ED28/4K/E39 Retrofit for LU250	Clear	N	N	S50/E	4000	65	10000	18500	BU+/-15	8 5/16	12
400	ED37	Mog.	S4269	MH400W/BU/LU/ED37/4K/E39 Retrofit for LU400	Clear	N	N	S51/E	4000	65	20000	36000	BU+/-15	11 ½	12
			S4270	MH400W/C/BU/LU/ED37/4K/E39 Retrofit for LU400/D	Coated	N	N	S51/E	3700	70	20000	34000	BU+/-15	11 ½	12



High Pressure Sodium (HPS) Lamps

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	Burning Position	M.O.L. Inches	Carton
35	ED17	Med.	S3130	LU35/MED	Clear	S76	2100	22	16000	2250	Univ.	5 ⁷ / ₁₆	12
50	ED17	Med.	S3131	LU50/MED	Clear	S68	2100	22	24000	4000	Univ.	5 ⁷ / ₁₆	12
	ET23.5	Mog.	S1929	LU50	Clear	S68	2100	22	24000	3700	Univ.	7 ³ / ₄	12
70	ED17	Med.	S3127	LU70/MED	Clear	S62	2100	22	24000	6300	Univ.	5 ⁷ / ₁₆	12
			S5123 ▲	LU70/D/MED	Coated	S62	2100	22	24000	5800	–	5 ⁷ / ₁₆	20
	ET23.5	Mog.	S1930	LU70	Clear	S62	2100	22	24000	6300	Univ.	7 ³ / ₄	12
100	ED17	Med.	S3128	LU100/MED	Clear	S54	2100	22	24000	9500	Univ.	5 ⁷ / ₁₆	12
	ET23.5	Mog.	S1931	LU100	Clear	S54	2100	22	24000	9500	Univ.	7 ³ / ₄	12
			S5126 ▲	LU100/D	Coated	S54	2100	22	24000	8800	–	7 ³ / ₄	20
150	ED17	Med.	S3129	LU150/55/MED	Clear	S55	2100	22	24000	16000	Univ.	5 ⁷ / ₁₆	12
			S5127 ▲	LU150/55/D/MED	Coated	S55	2100	22	24000	14500	–	5 ¹¹ / ₁₆	20
	ET23.5	Mog.	S1932	LU150/55	Clear	S55	2100	22	24000	16000	–	7 ³ / ₄	12
			S5128 ▲	LU150/55/D	Coated	S55	2100	22	24000	14000	–	7 ³ / ₄	–
200	ET18	Mog.	S1927	LU200/ET18	Clear	S66	2100	22	24000	22000	Univ.	9 ¹¹ / ₁₆	12
250	ET18	Mog.	S1940	LU250	Clear	S50	2100	22	24000	28000	–	9 ⁵ / ₈	12
	BT28	Mog.	S5130 ▲	LU250/D	Coated	S50	2100	22	24000	26000	–	8 ¹⁵ / ₁₆	10
310	ET18	Mog.	S5131 ▲	LU310/ECO	Clear	S67	2100	22	24000	37000	–	9 ⁵ / ₈	20
400	ET18	Mog.	S1941	LU400	Clear	S51	2100	22	24000	51000	–	9 ⁵ / ₈	12
750	BT37	Mog.	S5133 ▲	LU750	Clear	S111	2100	22	24000	105000	–	11 ¹ / ₂	6
1000	E25	Mog.	S5124 ▲	LU1000	Clear	S52	2100	22	24000	130000	–	15 ⁵ / ₈	6
	ET25	Mog.	S1928	LU1000/ET25	Clear	S52	2100	22	24000	130000	Univ.	15 ⁵ / ₈	12

HIP

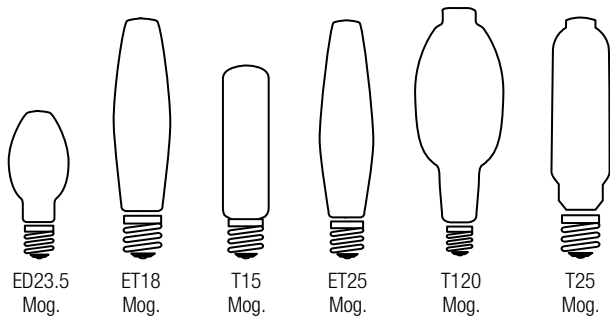


Mercury Vapor Lamps

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
75	ED17	Med.	S4475	H43AV-75DX	Coated	H43	3900	50	24000	2700	5	7/16 12
100	A23	Med.	S1933	H38MP-100DX	Coated	H38	3900	50	24000	4000	5	7/16 12
	ED17	Med.	S4377	H38AV-100DX	Coated	H38	3900	50	24000	4000	5	7/16 20
	ET23.5	Mog.	S1935	H38JA-100DX	Coated	H38	3900	50	24000	4000	7 ½	12
175	ED28	Mog.	S1934	H39KC-175DX	Coated	H39	3900	50	24000	7800	8 ¼	12
			S1936	H39KB-175	Clear	H39	4500	20	24000	7800	8 ¼	12
	R40	Med.	S4394	H39BP-175DX	Coated	H39	3900	50	24000	5700	7 ½	12
250	ED28	Mog.	S1937	H37KC-250DX	Coated	H37	3900	50	24000	11200	8 ¼	12
400	ED37	Mog.	S1938	H33GL-400DX	Coated	H33	3900	50	24000	22600	11	5/16 12
	ED28	Mog.	S1939	MV400/DX/ED28/H33/E39	Coated	H33	3900	50	24000	22600	8	5/16 12
1000	BT56	Mog.	S4396 ■ †	H36GW-1000DX	Coated	H36	3900	50	24000	58000	15	3/8 6
			S1998 †	H36GW-1000DX	Coated	H36	3900	50	24000	58000	15	3/8 6

SOX Low Pressure Sodium Lamps

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
18	T17	BY22D	S4870 ▲ †	SOX18	Clear	L69	1800	16000	1800	BU +/- 110	8 ½	12
35	T17	BY22D	S4871 ▲ †	SOX35	Clear	L70	1800	16000	4500	BU +/- 110	12 ¼	12
55	T17	BY22D	S4872 ▲ †	SOX55	Clear	L71	1800	16000	7300	BU +/- 110	16 ¾	12
90	T21	BY22D	S4873 ▲ †	SOX90	Clear	L72	1800	16000	13500	HOR +/- 20	20	13/16 12
135	T21	BY22D	S4874 ▲ †	SOX135	Clear	L73	1800	16000	22000	HOR +/- 20	30 ½	12
180	T21	BY22D	S4875 ▲ †	SOX180	Clear	L74RF	1800	16000	30000	HOR +/- 20	44	15/16 6



Hydroponic Lamps – High Pressure Sodium

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
150	ED23.5	Mog.	S5901	LU150/ED23.5/HO	Clear	S55	2000	20	24000	16000	7 ¾	12
250	ET18	Mog.	S5902	LU250/ET18/HO	Clear	S50	2000	20	32000	32000	9 5/8	12
400	ET18	Mog.	S5903	LU400/ET18/HO	Clear	S51	2000	20	32000	54500	9 5/8	12
600	T15	Mog.	S5904	LU600/T15/HO	Clear	S106	2000	20	32000	85000	11 1/16	24
1000	ET25	Mog.	S5905	LU1000/ET25/HO	Clear	S52	2000	20	32000	140000	15	12
1500	ET25	Mog.	S5906	LU1500/ET25/HO	Clear	Electric Ballast	2000	20	32000	200000	15 1/16	12

Hydroponic Lamps – High Pressure Sodium/Dual Arc tube

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
1000	ET25	Mog.	S5913	LU1000MH/DA	Clear	S52/Electric Ballast	3000	60	10000	90000	15 1/16	12

Hydroponic Lamps – Metal Halide

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
400	T15	Mog.	S5907	MS400/7500	Clear	M59/E	7500	65	10000	32000	9 ¾	24
			S5908	MS400/10000	Clear	M59/E	10000	85	10000	23000	9 ¾	24
1000	T120	Mog.	S5909	MS1000/7500	Clear	M47/E	7500	65	10000	92000	15 3/8	12
			S5910	MS1000/10000	Clear	M47/E	10000	85	10000	68000	15 3/8	12

Hydroponic Lamps – Metal Halide/Conversion

Watts	Bulb Type	Base	Satco Prod. #	Lamp Code	Finish	ANSI	Color Kelvin Temp.	CRI	Avg. Rated Hours	Initial Lumens	M.O.L. Inches	Carton
600	T25	Mog.	S5911	MH600/LU	Clear	S106	6500	65	10000	45000	11 ½	24
1000	T120	Mog.	S5912	MH1000/LU	Clear	S52	6500	65	10000	92000	15 3/8	12

NOTE: Compatible ballasts are on pages 115-117.

HID Notes

- = Product by a manufacturer other than Satco
- ▲ = Product by one of the Primary lamp manufacturers

Steps to choosing the correct Metal Halide lamp:

- 1 Determine the correct wattage.
- 2 Determine the base.
- 3 Choose the shape. ED and BT style lamps are generally interchangeable.
- 4 Determine the correct size, some wattages come in multiple sizes. For example, 400w lamps are standard ED37, but are also commonly available in an ED28 compact envelope.
- 5 Determine burning position, BU, BD, Vertical, Horizontal, or Universal.
- 6 Determine Pulse Start, or Probe Start. Pulse Start is standard on lower wattage lamps, (39 through 150 watts). Probe Start is standard on higher wattage lamps, (175 through 1500 watts), however Pulse Start technology is being used more and more on the higher wattages.
- 7 Determine whether the project is calling for the newer Ceramic Arc tube lamps. These lamps offer higher color rendering, and Lumen Output than the more traditional Quartz Arc tube lamps.
- 8 Determine whether fixture requires an Open Rated (Protected) lamp, or an Enclose Rated lamp.
- 9 All Metal Halide lamps and ballasts are identified with an ANSI code. It is best to make sure that the ANSI code matches between the ballast and lamp.

ANSI Codes

All HID lamps and ballasts are identified by an ANSI code. The purpose of these codes are to make sure that the lamp from one manufacturer is properly matched to any other manufacturers ballast, therefore resulting in safe operation, and produce the designed light output. Especially with the increasing complexities of metal halide product offerings, it is very important that the ballast and lamp ANSI codes are matched before use. The most recent changes to the ANSI lamp codes have added the E, S, and O letter designations. For example, a 400 watt probe start metal halide lamp will have an ANSI code of M59/E, M59/S, or M59/O. This should be used only on a ballast with an ANSI code of M59.

- E – Lamps must be used in enclosed luminaires which meet the requirements of UL1598.
- S – Lamps are considered “suitable” for open luminaire operation, only if operated in the vertical $\pm 15^\circ$ position. Lamps do not meet ANSI criteria for containment and must be turned off at least once per week for a minimum of 15 minutes if operated continuously. In addition these lamps must be group relamped before reaching rated lamp life.
- O – Lamps can be operated in open or enclosed luminaires within the manufacturer’s specified operating position limits. This type meets the ANSI criteria for containment rated operation. Special exclusionary sockets are available for these lamps to ensure that the wrong lamp type is not used.

Rated Life

The rated life of metal halide lamps is based on the point when 50% of the lamps have burned out, based on a burn cycle of 10 hours per start. Various operating conditions affect lamp life. One key factor is operating position. Lamps designated universal can be operated in any position. However, life expectancy and lumen output are sacrificed in certain positions. Published “rated life” for universal lamps is based on operation in the vertical position. “Rated life” for universal lamps operated horizontally is 75% of

the published rating. Shorter operating cycles also severely reduce life. At operating cycles shorter than 10 hours per start, life will shorten as follows:

- 5 hrs per start: Life is approx. 75% of rating
- 2.5 hrs per start: Life is approx. 55% of rating

Initial Lumen Listings

Rated initial lumens are based on measurements at 100 hours of use, and are based on specified burning position. The measures listed for universal position lamps are based on a vertical burning position; horizontal usage decreases the output by 25 to 30%. For specifics on any particular lamp, call Satco customer service (800-43-SATCO).

▲WARNING:

It is the responsibility of the purchaser to read all safety warnings on the lamp package before use. For more information, call Satco customer service (800-43-SATCO).

Measured vs Perceived Light Levels of HID Lamp

Studies on nighttime visibility demonstrate experimentally that the human eyes is sensitive to different colors of light based on various lighting levels, thus impacting the “true” or “effective” lumen output of a lamp. Recent research shows that the color of a light source has a significant effect on nighttime visibility, which is important since most road accidents happen at night. It is also well known that the eye responds to color differently based on the amount of light available.

While lumens are the standard measurement of light output, light is actually defined as energy evaluated by the eye. Standard lumen measurements are based on the light output response of a person only during high light levels (photopic light), typical of daylight and interior lighting. Light meters measure photopic light as seen by the central region of the eye. When light levels are very low, like starlight, the viewing conditions are referred to as scotopic. Under these conditions, the eyes visual response changes dramatically. Sensitivity to yellow and red light is greatly reduced, while response to blue light is vastly increased. Since lamp lumen measurements have been determined using photopic measurements, the lumen values do not accurately measure the effective light output as perceived by the human eye.

Since the value of a lamp’s lumen output is different when considering the shifting color sensitivity of the eye at low levels, the effective lumens will be different from the measurable photopic lumens. As light diminishes from photopic to scotopic conditions, the effective lumens of yellow sodium light sources are reduced, and the effective lumens of the whiter metal halide sources increase. This effect is most dramatic for low pressure sodium (SOX) lamps. Almost all energy output from SOX lamps is yellow, resulting in an artificially high photopic lumen output, yet a very low perceived light output in low light level applications.

Typical metal halide lamps have strong light output in the blue, green and yellow areas, resulting in high lumen output at all light levels. The blue light output of metal halide is in the high sensitivity region of the eye for low light levels. This means that the effective lumens actually increase for a metal halide lamp as the light level reduces and the eye shifts to a blue/green peak sensitivity. The ability to detect fine contrast is also significantly better under metal halide sources than sodium, making it a more effective light source in warehouse and retail applications. Studies have shown that metal halide lighting, in some circumstances, can be up to six times as effective as HPS. This can make a difference in peripheral viewing and dark areas where hidden hazards may be present.

Metal Halide 2005 NEC Changes

The 2005 update to the National Electrical Code (NEC) includes two changes that affect the manufacture and installation of metal halide luminaires. Both changes address methods for preventing risk when metal halide lamps are used.

The purpose of these changes is to prevent possible injury and property damage. Metal halide lamps can explode, shooting hot glass out of the luminaire, or fixture. In an open luminaire - one that does not have a lens - this can result in a fire, personal injury, and property damage. Although violent failure is a rare occurrence (about three incidents per year), the NEC has included these changes to help eliminate the hazard.

In sports facilities, particularly in schools, athletic activity can break the outer jacket of a metal halide lamp used in an open luminaire. When this happens, the arc tube can continue to operate with a damaged or missing outer jacket. This leads to reports of UV over-exposure, including sunburn and a burning sensation around the eyes. The NEC change requires complete lamp enclosure in these facilities, which will provide mechanical protection to reduce the possibility of damage to the outer lamp jacket.

NEC changes for open luminaires

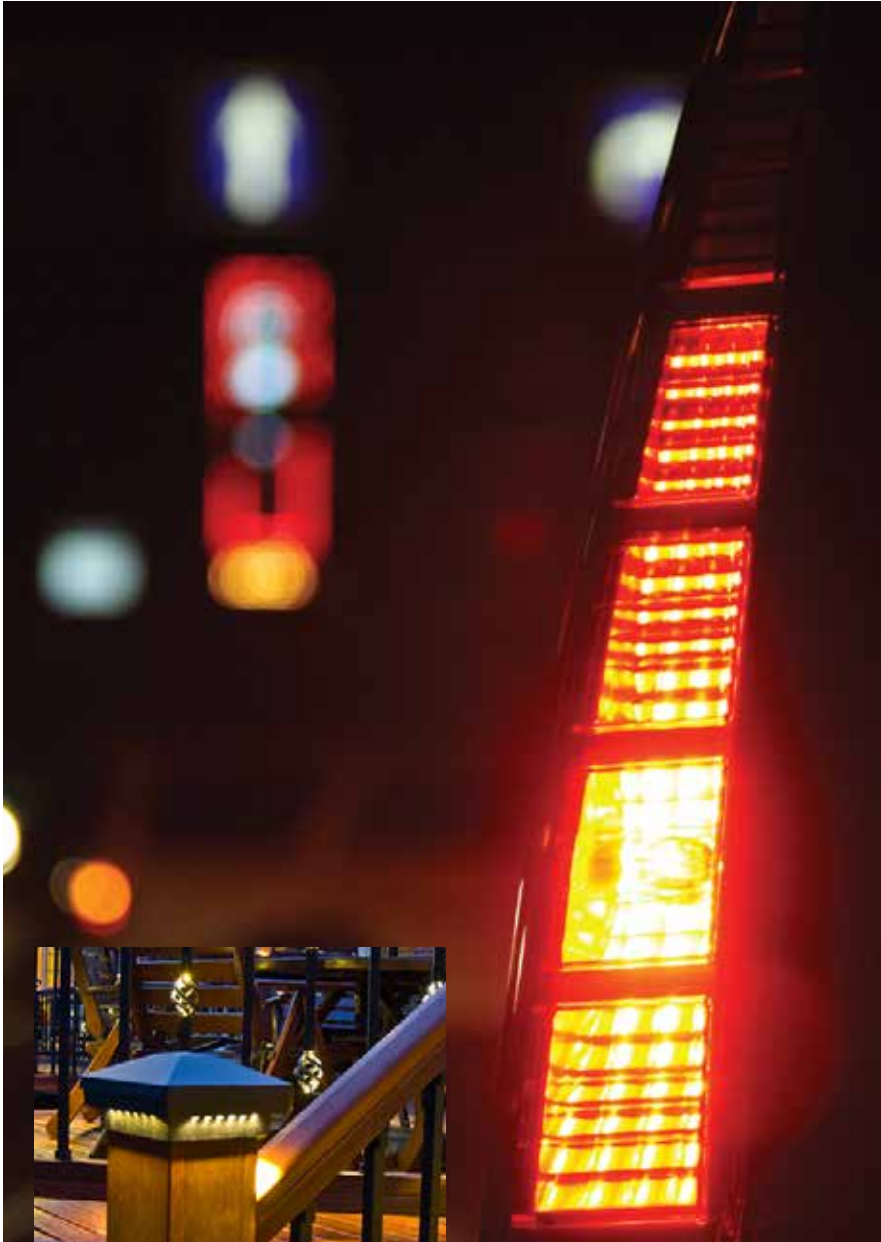
The NEC change regarding open luminaires is the new section 410.73(F)(5) that states, "Metal Halide Lamp Containment. Luminaires (fixtures) that use a metal halide lamp other than a thick-glass parabolic reflector lamp (PAR) shall be provided with a containment barrier that encloses the lamp, or shall be provided with a physical means that only allows the use of a lamp that is Type O."

Therefore, to meet the 2005 NEC requirements, luminaires that use metal halide lamps must either:

- Be enclosed to provide a containment barrier.
- Use a special lampholder that will only accept an ANSI Type O rated metal halide lamp.

NEC 2005 changes for sporting facilities

The NEC change regarding open luminaires is the new section 410.4(E) that states, "Luminaires (fixtures) subject to physical damage, using a mercury vapor or metal halide lamp, installed in playing and spectator seating areas of indoor sports, mixed-use, or all-purpose facilities shall be of the type that protects the lamp with a glass or plastic lens. Such luminaires (fixtures) shall be permitted to have an additional guard."

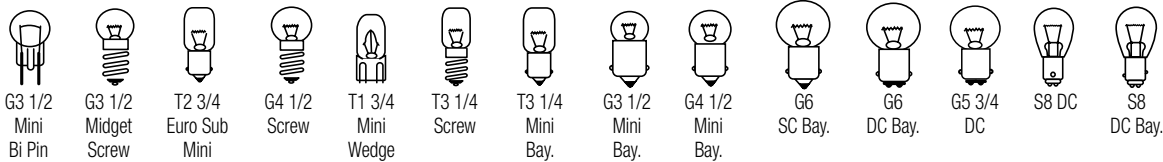


Many sizes, many applications.

Accent and indicator lighting

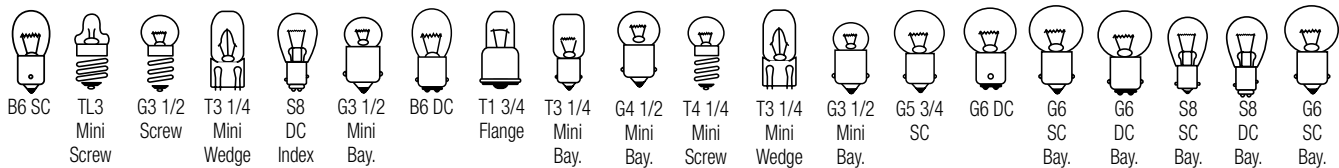
Satco miniatures are perfectly suited for those applications requiring specific sizes and a long lifespan. Miniature bulbs are, by definition, generally small in size and find their way into many applications and are available in a wide variety of filament constructions, bases, and wire terminal leads. Most are designed for operation with low voltage power sources such as battery/generator systems, dry cell or storage batteries, or transformers. Most common uses include flashlights, indicator lights, landscape lights, and appliances.





Mini Lamps

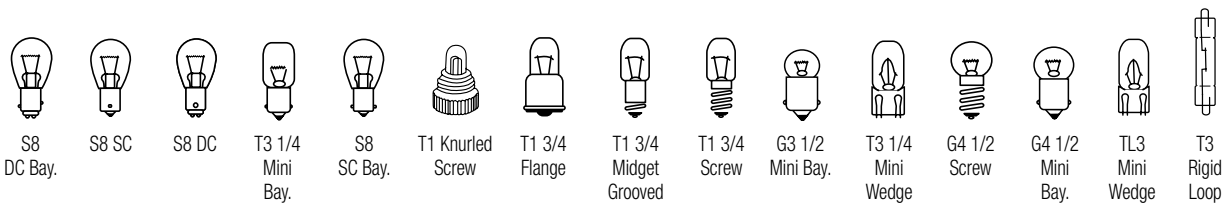
Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S6929	10	G3 1/2	Mini Bi Pin	G5	2.5	0.5	0.5	1.25	C-6	15/16	7/16	3000	Box	10
S6930	12	G3 1/2	Mini Bi Pin	G5	6.3	0.15	0.35	0.95	C-6	15/16	7/16	5000	Box	10
S6931	14	G3 1/2	Mini Screw	E10	2.47	0.3	0.5	0.074	C-2R	15/16	7/16	15	Box	10
S6932	19	G3 1/2	Mini Bi Pin	G5	14.4	0.1	0.9	1.44	C-6	15/16	7/16	1000	Box	10
S7019	24	T2 3/4	Euro Sub Mini Wedge	W2x4.6d	14	0.24	0.5	3.4	C-2V	13/16	3/8	1500	Box	10
S7020	27	G4 1/2	Mini Screw	E10	4.9	0.3	1.4	1.47	C-2R	1 5/8	9/16	30	Box	10
S7021	31	G4 1/2	Mini Screw	E10	6.15	0.3	2	1.85	C-2R	1 5/8	9/16	15	Box	10
S7022	37	T1 3/4	Sub Mini Wedge	W2.1x4.9d	14	0.1	-	1.4	C-2F	13/16	1/4	500	Box	10
S6908	40	T3 1/4	Mini Screw	E10	6.3	0.15	0.52	0.95	C-2R	1 3/16	7/16	3000	Box	10
S6909	41	T3 1/4	Mini Screw	E10	2.5	0.5	0.5	1.25	C-2R	1 3/16	7/16	3000	Box	10
S7023	43	T3 1/4	Mini Bay.	BA9s	2.5	0.5	-	1.25	C-2R	1 3/16	7/16	3000	Box	10
S6910	44	T3 1/4	Mini Bay.	BA9s	6.3	0.25	0.9	1.58	C-2R	1 3/16	7/16	3000	Box	10
S7024	45	T3 1/4	Mini Bay.	BA9s	3.2	0.35	-	1.12	C-2R	1 1/4	7/16	3000	Box	10
S6911	46	T3 1/4	Mini Screw	E10	6.3	0.25	0.9	1.58	C-2R	1 3/16	7/16	3000	Box	10
S6912	47	T3 1/4	Mini Bay.	BA9s	6.3	0.15	0.5	0.95	C-2R	1 3/16	7/16	3000	Box	10
S6913	48	T3 1/4	Mini Screw	E10	2	0.06	0.04	0.12	C-6	1 3/16	7/16	1000	Box	10
S7025	49	T3 1/4	Mini Bay.	BA9s	2	0.06	-	2	S2R	1 1/4	7/16	1000	Box	10
S6933	51	G3 1/2	Mini Bay.	BA9s	7.5	0.22	1	1.65	C-2R	1 3/16	7/16	1000	Box	10
S7026	52	G3 1/2	Midget Screw	E5.5	14.4	0.1	-	1.44	C-2V	15/16	7/16	1000	Box	10
S6934	53	G3 1/2	Mini Bay.	BA9s	14.4	0.12	1	1.73	C-2V	15/16	7/16	1000	Box	10
S7835	55	G4 1/2	Mini Bay.	BA9s	7	0.41	2	2.87	C-2R	1 5/8	9/16	200	Box	10
S6935	57	G4 1/2	Mini Bay.	BA9s	14	0.24	2	3.36	C-2V	1 5/8	9/16	500	Box	10
S6946	63	G6	Bi Pin G6	G6	7	0.63	3	4.41	C-6	1 7/16	3/4	1000	Box	10
S7865	64	G6	Bi Pin G6	G6	7	0.63	3	4.41	C-6	1 7/16	3/4	1000	Box	10
S6947	67	G6	Bi Pin G6	G6	13.5	0.59	4	7.97	C-6	1 7/16	3/4	5000	Box	10
S7029	68	G6	Bi Pin G6	G6	13.5	0.59	4	7.97	C-6	1 7/16	3/4	5000	Box	10
S7030	72	G5 3/4	Double Contact	BA15d	22	0.182	-	4	C-2V	1 5/8	3/4	200	Box	10
S6900	73	T1 3/4	Sub Mini Wedge	W2.1x4.9d	14	0.8	0.3	1.12	C-2F	13/16	1/4	15000	Box	10
S7031	74	T1 3/4	Sub Mini Wedge	W2.1x4.9d	14	0.1	-	1.4	C-2F	1/4	1/4	500	Box	10
S7032	81	G6	Single Contact	BA15s	6.5	1.02	-	6.63	C-2R	1 7/16	3/4	500	Box	10
S7033	82	G6	DC Bay.	BA15d	6.5	1.02	6	6.63	C-6	1 7/16	3/4	500	Box	10
S6901	85	T1 3/4	Sub Mini Wedge	W2.1x4.9d	28	0.04	0.3	1.12	C-2F	13/16	1/4	7000	Box	10
S6902	86	T1 3/4	Sub Mini Wedge	W2.1x4.9d	6.3	0.2	0.4	1.26	C-2F	13/16	1/4	20000	Box	10
S7034	87	S8	Double Contact	BA15d	6	2.17	-	13	C-6	-	1	200	Box	10
S6953	88	S8	DC Bay.	BA15d	6.8	1.91	15	12.99	C-6	2	1	300	Box	10



Mini Lamps (continued)

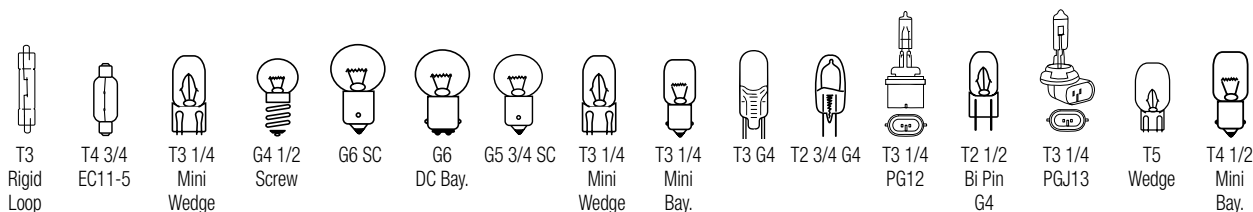
Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S6948	89	G6	SC Bay.	BA15s	13	0.58	6	7.54	C-6	1 7/16	3/4	750	Box	10
S6949	90	G6	DC Bay.	BA15d	13	0.58	6	7.54	C-6	1 7/16	3/4	750	Box	10
S3623	93	S8	SC Bay.	BA15s	12.8	1.04	15	13.31	C-6	1 7/16	1	700	Box	10
S3723	93	S8	SC Bay.	BA15s	12.8	1.04	15	13.31	C-6	1 7/16	1	700	CD/2	10
S7782	94	S8	DC Bay.	BA15d	12.8	1.04	15	13.3	C-2R	2	1	700	Box	10
S6950	97	G6	SC Bay.	BA15s	13.5	0.69	4	9.32	C-6	1 7/16	3/4	5000	Box	10
S7036	105	B6	Single Contact	BA15s	12.8	1	-	12.8	C-6	1 3/4	3/4	500	Box	10
S7037	112	TL3	Mini Screw	E10	1.2	0.22	-	0.26	S2R	15/16	3/8	5	Box	10
S7054	123	G3 1/2	Mini Screw	E10	1.25	0.3	-	0.37	S2R	15/16	7/16	10	Box	10
S7055	124	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.27	1.5	3.78	C-2F	1 5/8	7/16	5000	Box	10
S7059	130	G3 1/2	Mini Bay.	BA9s	6.3	0.159	-	1	C-2R	15/16	7/16	5000	Box	10
S7060	131	G3 1/2	Mini Screw	E10	1.3	0.1	-	0.13	S2R	15/16	7/16	50	Box	10
S7817	147	T3 1/4	Mini Wedge	W2.1x9.5d	7	0.43	2	3.01	C-2R	1 5/8	7/16	1500	Box	10
S7068	158	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.24	2	3.36	C-2V	1 5/8	7/16	500	Box	10
S7069	159	T3 1/4	Mini Wedge	W2.1x9.5d	6.3	0.15	0.34	9.45	C-2R	1 5/8	7/16	5000	Box	10
S6914	161	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.19	9.45	2.66	C-2F	1 5/8	7/16	4000	Box	10
S6915	168	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.35	4.9	4.9	C-2F	1 5/8	7/16	1500	Box	10
S7838	182	G3 1/2	Mini Bay.	BA9s	14.4	-	-	2.59	C-2F	15/16	7/16	2000	Box	10
S7089	192	T3 1/4	Mini Wedge	W2.1x9.5d	13	0.33	3	4.29	C-2V	5/8	7/16	1000	Box	10
S7962	193	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.33	4.62	4.62	C-2F	1 5/8	7/16	15000	Box	10
S6916	194	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.27	3.78	3.78	C-2F	1 5/8	7/16	2500	Box	10
S7090	198	S8	DC Indexed Bay.	Bay.15d	12.8	2.25	32	28.8	C-6	2	1	1200	Box	10
S7091	209	B6	Single Contact	BA15s	6.5	1.78	-	11.6	C-6	1 3/4	3/4	100	Box	10
S7092	210	B6	Double Contact	BA15d	6.5	1.77	-	11.5	C-6	1 1/2	3/4	100	Box	10
S6907*	222	TL-3	Mini Screw	E10	2.25	0.25	-	0.56	C-2R	15/16	3/8	5	Box	10
S7096	233	G3 1/2	Mini Screw	E10	2.33	0.27	-	0.63	C-2R	15/16	7/16	10	Box	10
S7098	243	TL-3	Mini Screw	E10	2.33	0.27	-	0.63	C-2R	15/16	3/8	10	Box	10
S7099	245	G3 1/2	Mini Screw	E10	2.46	0.5	-	1.23	C-2R	15/16	7/16	15	Box	10
S7169	251	T1 3/4	Midget Flange	SX6s	2.47	0.3	-	0.74	C-2R	5/8	1/4	30	Box	10
S7170	256	T3 1/4	Mini Bay.	BA9s	14	0.27	-	3.78	C-2R	1 1/4	7/16	500	Box	10
S7171	257	G4 1/2	Mini Bay.	BA9s	14	0.27	-	3.78	C-2R	1 1/16	9/16	500	Box	10
S7172	258	T4 1/2	Mini Screw	E10	14	0.27	-	3.78	C-2R	1 1/16	9/16	500	Box	10
S7827	259	T3 1/4	Mini Wedge	W2.1x9.5d	6.3	0.25	0.66	1.58	C-2R	1 5/8	7/16	5000	Box	10
S7173	265	G3 1/2	Mini Bay.	BA9s	28	0.08	-	2.24	C2F	15/16		5000	Box	10
S7174	268	T1 3/4	Midget Flange	SX6s	2.5	0.35	-	0.88	C-2R	5/8	1/4	10000	Box	10
S7175	301	G5 3/4	Single Contact	BA15s	28	0.179	-	5	C-2F	1 3/8	3/4	500	Box	10
S7107	304	G6	Double Contact	BA15d	28	0.3	-	8.4	C-2F	1 7/16	3/4	500	Box	10

* 2 "AA" Cells



Mini Lamps (continued)

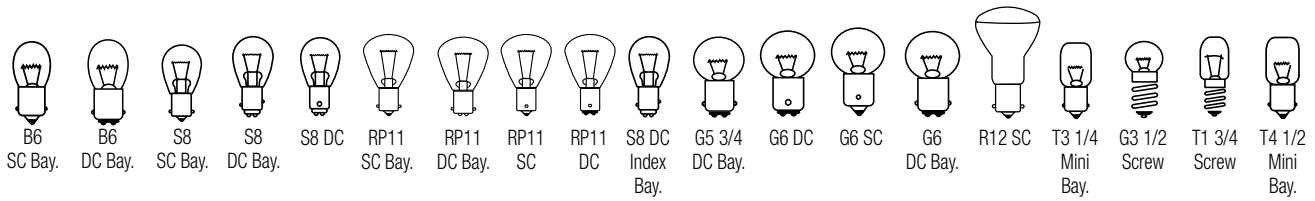
Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S7109	306	S8	DC Bay.	BA15d	28	0.51	15	14.28	C-6	2	1	300	Box	10
S7110	307	S8	Single Contact	BA15s	28	0.67	–	18.8	C-2V	2	1	300	Box	10
S7111	308	S8	Double Contact	BA15d	28	0.67	–	18.8	C-2V	2	1	300	Box	10
S6917	313	T3 1/4	Mini Bay.	BA9s	28	0.17	3.5	4.76	C-2F	3/16	7/16	500	Box	10
S7112	315	S8	SC Bay.	BA15s	28	0.9	–	25.2	C-2V	2	1	300	Box	10
S6903	327	T1 3/4	Midget Flange	SX6s	28	0.04	0.34	1.12	C-2F	5/8	1/4	4000	Box	10
S7113	328	T1 3/4	Midget Flange	SX6s	6	0.2	0.6	1.2	C-2R	5/8	1/4	1000	Box	10
S7114	330	T1 3/4	Midget Flange	SX6s	14	0.08	–	1.12	C-2F	5/8	1/4	2500	Box	10
S7115	331	T1 3/4	Midget Flange	SX6s	1.4	0.06	–	0.08	C-6	5/8	1/4	3000	Box	10
S7116	334	T1 3/4	Midget Grooved	S5.7s	28	0.04	–	1.12	C-2F	5/8	1/4	4000	Box	10
S7117	335	T1 3/4	Midget Screw	E5.5	28	0.04	0.34	1.12	C-2F	3/4	1/4	4000	Box	10
S7119	337	T1 3/4	Midget Grooved	S5.7s	6	0.2	–	1.2	C-2R	5/8	1/4	1000	Box	10
S7120	356	G3 1/2	Mini Bay.	BA9s	28	0.17	3.5	4.76	C-2V	15/16	1/4	500	Box	10
S7121	370	T1 3/4	Midget Flange	SX6s	18	0.04	–	0.72	C-2F	5/8	1/4	10000	Box	10
S7122	373	T1 3/4	Midget Screw	E5.5	14	0.08	–	1.12	C-2F	3/4	1/4	2500	Box	10
S7123	376	T1 3/4	Midget Flange	SX6s	28	0.06	–	1.68	C-2F	5/8	1/4	25000	Box	10
S7124	378	T1 3/4	Midget Screw	E5.5	6.3	0.2	–	1.26	C-2F	3/4	1/4	50000	Box	10
S7125	381	T1 3/4	Midget Flange	SX6s	6.3	0.2	–	1.26	C-2F	5/8	1/4	50000	Box	10
S7126	382	T1 3/4	Midget Flange	SX6s	14	0.08	–	1.12	C-2F	5/8	1/4	50000	Box	10
S7127	385	T1 3/4	Midget Flange	SX6s	28	0.04	–	1.12	C-2F	5/8	1/4	50000	Box	10
S7128	386	T1 3/4	Midget Grooved	S5.7s	14	0.08	–	1.12	C-2F	5/8	1/4	50000	Box	10
S7829	387	T1 3/4	Midget Flange	SX6s	28	0.04	0.3	1.12	C-2F	5/8	1/4	10000	Box	10
S7830	388	T1 3/4	Midget Grooved	S5.7s	28	–	–	1.12	C-2F	5/8	1/4	7000	Box	10
S7129	394	T1 3/4	Midget Flange	SX6s	12	0.04	0.12	0.48	C-2F	5/8	1/4	20000	Box	10
S7130	399	T1 3/4	Midget Screw	E5.5	28	0.04	–	1.12	C-2F	5/8	1/4	7000	Box	10
S7131	400	T3 1/4	Mini Wedge	W2.1x9.5d	28	0.1	–	2.8	C-2F	1 1/16	7/16	1000	Box	10
S7132	407	G4 1/2	Mini Screw	E10	4.9	0.3	–	1.47	C-2R	1 1/16	9/16	50	Box	10
S6936	425	G4 1/2	Mini Screw	E10	5	0.5	2.3	2.5	C-2R	1 5/8	9/16	15	Box	10
S7133	428	G4 1/2	Mini Screw	E10	12.5	0.25	2.04	3.13	C-2V	1 5/8	9/16	250	Box	10
S7134	432	G4 1/2	Mini Screw	E10	18	0.25	–	4.5	C-2V	1 1/16	9/16	250	Box	10
S7135	464	T3 1/4	Mini Wedge	W2.1x9.5d	28	0.179	–	5	C2F	1 1/16	7/16	1500	Box	10
S6937	502	G4 1/2	Mini Screw	E10	5.1	0.15	0.6	0.77	C-2R	1 5/8	9/16	100	Box	10
S7136	503	G4 1/2	Mini Bay.	BA9s	5.1	0.15	–	0.77	C-2R	1 1/16	9/16	100	Box	10
S7137	555	T3 1/4	Mini Wedge	W2.1x9.5d	6.3	0.25	–	1.58	C-2R	1 1/16	7/16	3000	Box	10
S7138	558	TL3	Mini Wedge	W2.1x9.5d	13	0.33	–	4.29	C-2V	1 1/16	3/8	500	Box	10
S7139	562	T3	Rigid Loop	Rigid Loop	13.5	0.741	–	10	C-8	1 3/4	3/8	2000	Box	10



Mini Lamps (continued)

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton	
S7140	563	T3	Rigid Loop	Rigid Loop	13.5	0.519	-	7	C-8	1	13/16	3/8	1000	Box	10
S7141	577	T4 3/4	EC11-5	EC11-5	12.8	1.4	-	17.9	C-6	1	11/16	5/8	1000	Box	10
S7142	585	T3 1/4	Mini Wedge	W2.1x9.5d	28	0.04	-	1.12	C-2F	1	1/16	7/16	7000	Box	10
S7143	590	T3 1/4	Mini Wedge	W2.1x9.5d	13.5	0.37	-	5	C2F	1	1/16	7/16	200	Box	10
S7144	605	G4 1/2	Mini Screw	E10	6.15	0.5	3.4	3.08	C-2R	1	5/8	9/16	15	Box	10
S7145	623	G6	Single Contact	BA15s	28	0.37	-	10.4	CC-2V	1	7/16	3/4	1000	Box	10
S7146	624	G6	DC Bay.	BA15d	28	0.37	-	10.4	CC-2V	1	7/16	3/4	1000	Box	10
S7147	631	G5 3/4	Single Contact	BA15s	14	0.629	-	8.8	2C2R	1	7/16	3/4	1000	Box	10
S7837	656	T3 1/4	Mini Wedge	W2.1x9.5d	28	0.06	0.62	1.68	C-2F	1	5/8	7/16	2500	Box	10
S7702	657	T3 1/4	Mini Wedge	W2.1x9.5d	28	0.08	-	2.24	C-2F	1	1/16	7/16	15000	Box	10
S7148	658	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.08	-	1.12	C-2F	1	1/16	7/16	15000	Box	10
S6918	755	T3 1/4	Mini Bay.	BA9s	6.3	0.15	0.33	0.95	C-2R	1	3/16	7/16	20000	Box	10
S6919	756	T3 1/4	Mini Bay.	BA9s	14	0.08	0.31	1.12	C-2F	1	3/16	7/16	15000	Box	10
S6920	757	T3 1/4	Mini Bay.	BA9s	28	0.08	0.62	2.24	C-2F	1	3/16	7/16	15000	Box	10
S7153	787	T3	G4	G4	6	1.67	-	10	C-6	1	3/16	3/8	100	Box	10
S7154	789	T2 3/4	G4	G4	12	1.17	-	14	C-6	1	1/16	3/8	200	Box	10
S7156	880	T3 1/4	PG12	PG12	12.8	2.11	-	27	C-6	2	11/16	7/16	300	Box	10
S7157*	891	T2 1/2	Bi Pin G4	G4	12.8	0.625	11.5	8	C-6	1	3/16	5/16	500	Box	10
S7158	894	T3 1/4	PGJ13	PGJ13	12.8	2.93	-	37.5	C-6	2	11/16	7/16	200	Box	10
S6938	901	T5	Mini Wedge	W2.1x9.5d	12.8	0.31	2.9	3.97	C-2R	1	1/2	5/8	500	Box	10
S6939	904	T5	Mini Wedge	W2.1x9.5d	13.5	0.69	4	9.32	C-2F	1	1/2	5/8	5000	Box	10
S6940	906	T5	Mini Wedge	W2.1x9.5d	13	0.69	6	8.97	C-2F	1	1/2	5/8	1000	Box	10
S6941	908	T5	Mini Wedge	W2.1x9.5d	6	1.5	12	9	C-2R	1	1/2	5/8	50	Box	10
S6942	909	T5	Mini Wedge	W2.1x9.5d	6	0.62	3	3.72	C-2R	1	1/2	5/8	50	Box	10
S6943	912	T5	Mini Wedge	W2.1x9.5d	12.8	1	12	12.8	C-2R	1	1/2	5/8	1000	Box	10
S7839	914	T5	Mini Wedge	W2.1x9.5d	4	0.9	3.5	3.6	C-2R	1	1/2	5/8	50	Box	10
S7866	915	T5	Mini Wedge	W2.1x9.5d	12	0.75	11	9	C-2R	1	1/2	5/8	50	Box	10
S7159	916	T5	Mini Wedge	W2.1x9.5d	13.5	0.54	2	7.29	C-2F	1	1/2	5/8	10000	Box	10
S7160	917	T5	Mini Wedge	W2.1x9.5d	12.8	1.2	10	15.36	C-2F	1	1/2	5/8	1200	Box	10
S6944	918	T5	Mini Wedge	W2.1x9.5d	12.8	0.56	6.5	7.17	C-2R	1	1/2	5/8	500	Box	10
S6945	921	T5	Mini Wedge	W2.1x9.5d	12.8	1.4	21	17.92	C-2R	1	1/2	5/8	1000	Box	10
S7161	922	T5	Mini Wedge	W2.1x9.5d	12.8	0.98	15	12.54	C-2R	1	1/2	5/8	200	Box	10
S7162	923	T5	Mini Wedge	W2.1x9.5d	12.8	0.906	-	11.6	C-2R	1	1/2	5/8	200	Box	10
S7163	928	T5	Mini Wedge	W2.1x9.5d	28	0.3	-	8.4	C-2F	1	1/2	5/8	500	Box	10
S7101	939	T5	Mini Wedge	W2.1x9.5d	6	0.9	-	5.4	C-2R	1	1/2	5/8	50	Box	10
S7165	957	T4 1/2	Mini Bay.	BA9s	9.84	0.508	-	5	C-2R	1	3/8	9/16	200	Box	10

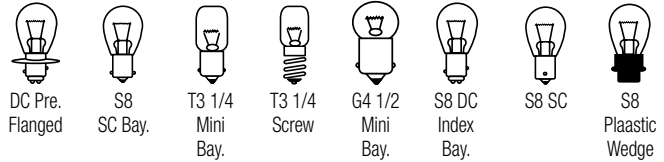
* 2 "AA" Cells



Mini Lamps (continued)

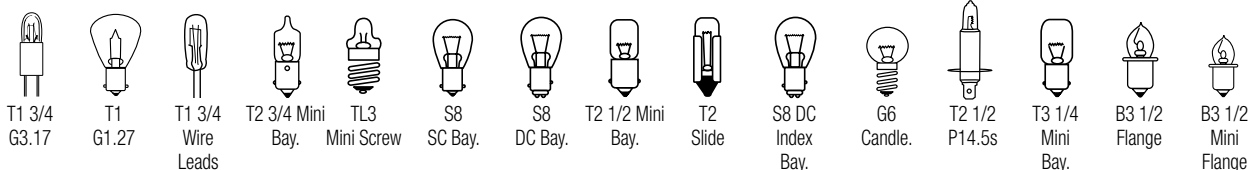
Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S6951	1003	B6	SC Bay.	BA15s	12.8	0.94	15	12.03	C-6	1 3/4	3/4	200	Box	10
S6952	1004	B6	DC Bay.	BA15d	12.8	0.94	15	12.03	C-6	1 3/4	3/4	200	Box	10
S6955	1073	S8	SC Bay.	BA15s	12.8	1.8	32	23.04	C-6	2	1	200	Box	10
S7861	1076	S8	DC Bay.	BA15d	12.8	1.8	32	23.04	C-6	2	1	200	Box	10
S7039	1129	S8	SC Bay.	BA15s	6.4	2.63	21	16.83	C-6	2	1	200	Box	10
S7040	1130	S8	Double Contact	BA15d	6.4	2.69	-	17.2	C-6	2	1	200	Box	10
S3624	1133	RP11	SC Bay.	BA15s	6.2	3.91	32	24.24	C-6	2 1/4	1 3/8	200	Box	10
S3724	1133	RP11	SC Bay.	BA15s	6.2	3.91	32	24.24	C-6	2 1/4	1 3/8	200	Box	20
S7041	1134	RP11	DC Bay.	BA15d	6.2	3.87	-	24	C-2R	2 1/4	1 3/8	200	Box	10
S6966	1141	S8	SC Bay.	BA15s	12.8	1.6	21	18.43	C-6	2	1	1500	Box	10
S7042	1142	S8	DC Bay.	BA15d	12.8	1.6	21	18.43	C-6	2	1	1500	Box	10
S7043	1143	RP11	Single Contact	BA15s	12	2.07	-	24.8	C-2R	2 1/4	1 3/8	400	Box	10
S7044	1144	RP11	Double Contact	BA15d	12.5	1.98	-	24.8	C-2R	2 1/4	1 3/8	400	Box	10
S7045	1152	S8	Double Contact	BA15d	12.8	1.34	-	17.2	C-2R	2	1	500	Box	10
S6956	1154	S8	DC Indexed Bay.	Bay.15d	6.4	2.63	21	16.83	C-6	2	1	200	Box	10
S7047	1155	G6	Double Contact	BA15d	13.5	0.59	-	7.97	C-2R	1 7/16	3/4	5000	Box	10
S6895	1156	S8	SC Bay.	BA15s	12.8	2.1	32	26.88	C-6	2	1	1200	Box	10
S6957	1157	S8	DC Bay.	BA15d	12.8	2.1	32	26.88	C-6	2	1	1200	Box	10
S7048	1158	S8	Double Contact	BA15d	6.4	2.63	-	16.8	C-6	2	1	200	Box	10
S7049	1176	S8	Double Contact	BA15d	12.8	1.33	-	17 / 8.3	C-6	2	1	200	Box	10
S7050	1178	G5 3/4	DC Bay.	BY22d	13	-	-	9	C-2V	1 7/16	3/4	5000	Box	10
S7051	1195	RP11	Single Contact	BA15s	12.5	3	-	37	C-2V	2 1/4	1 3/8	300	Box	10
S7052	1196	RP11	Double Contact	BA15d	12.5	3	-	37	C-2V	2 1/4	1 3/8	300	Box	10
S7053	1224	G6	Double Contact	BA15d	34	0.16	-	5.44	C-2F	1 7/16	3/4	500	Box	10
S7057	1251	G6	Single Contact	BA15s	28	0.23	-	6.4	C-2R	1 3/8	3/4	2000	Box	10
S7058*	1252	G6	DC Bay.	BA15d	28	0.23	3	6.44	C-6	1 7/16	3/4	2000	Box	10
S7061	1385	R12	Single Contact	BA15s	28	0.72	-	20.2	CC-8	2 5/8	1 1/2	300	Box	10
S7062	1408	T3 1/4	Mini Bay.	BA9s	10	0.13	0.85	1.3	C-2V	1 3/16	7/16	250	Box	10
S7063	1447	G3 1/2	Mini Screw	E10	18	0.15	-	2.7	C-2V	15/16	7/16	250	Box	10
S7064	1449	G3 1/2	Mini Screw	E10	14	0.2	2	2.8	C-2V	15/16	7/16	250	Box	10
S7065	1477	T3 1/4	Mini Screw	E10	24	0.167	-	4	C-2V	1 3/16	7/16	250	Box	10
S7961	1487	T3 1/4	Mini Screw	E10	14	0.2	-	2.8	C-2V	1 3/16	7/16	3000	Box	10
S7066	1493	S8	Double Contact	BA15d	6.5	2.75	-	17.9	C-6	2	1	100	Box	10
S7067	1495	T4 1/2	Mini Bay.	BA9s	28	0.3	-	8.4	C-2F	1 3/8	9/16	500	Box	10

* Series Filament



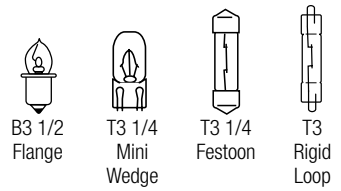
Mini Lamps (continued)

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S7070	1630	S8	Dbl. Cont. Prefocused	Flanged P15d30A	6.5	2.75	—	17.9	C-6	2	1	500	Box	10
S7071	1651	S8	SC Bay.	BA15s	5	0.6	3	3	C-6	2	1	20	Box	10
S7072	1810	T3 1/4	Mini Bay.	BA9s	6.3	0.4	—	2.52	C-2R	1 1/4	7/16	3000	Box	10
S7862	1813	T3 1/4	Mini Bay.	BA9s	14.4	0.1	—	1.44	C-2V	1 3/16	7/16	1000	Box	10
S7073	1815	T3 1/4	Mini Bay.	BA9s	14	0.2	1.4	2.8	C-2V	1 3/16	7/16	3000	Box	10
S7074	1816	T3 1/4	Mini Bay.	BA9s	13	0.33	3	4.29	C-2V	1 3/16	7/16	1000	Box	10
S7075	1818	T3 1/4	Mini Bay.	BA9s	24	0.17	—	4.08	C-2R	1 1/4	7/16	250	Box	10
S7820	1819	T3 1/4	Mini Bay.	BA9s	28	0.04	—	1.12	C-2F	1 3/16	7/16	2500	Box	10
S7821	1820	T3 1/4	Mini Bay.	BA9s	28	0.1	1.6	2.8	C-2F	1 3/16	7/16	1000	Box	10
S7076	1821	T3 1/4	Mini Screw	E10	28	0.179	—	5	C-2F	1 3/16	7/16	500	Box	10
S7747	1822	T3 1/4	Mini Bay.	BA9s	36	0.1	—	3.6	C-2F	1 1/4	7/16	1000	Box	10
S7077	1826	T3 1/4	Mini Bay.	BA9s	18	0.17	—	3.06	C-2V	1 1/4	7/16	250	Box	10
S7078	1828	T3 1/4	Mini Bay.	BA9s	37.5	0.05	—	1.88	C2F	1 1/4	7/16	3000	Box	10
S7822	1829	T3 1/4	Mini Bay.	BA9s	28	0.07	1	1.96	C-2F	1 3/16	7/16	1000	Box	10
S7823	1835	T3 1/4	Mini Bay.	BA9s	55	—	—	2.8	C-5	1 1/4	7/16	5000	Box	10
S7824	1847	T3 1/4	Mini Bay.	BA9s	6.3	0.15	0.38	0.95	C-2R	1 3/16	7/16	5000	Box	10
S7079	1850	T3 1/4	Mini Bay.	BA9s	5	0.09	—	0.45	C-2R	1 1/4	7/16	1500	Box	10
S7080	1864	T3 1/4	Mini Bay.	BA9s	28	0.17	3	4.76	C-2F	1 3/16	7/16	1500	Box	10
S7825	1866	T3 1/4	Mini Bay.	BA9s	6.3	—	—	1.58	C-2R	1 1/4	7/16	5000	Box	10
S7081	1873	T3 1/4	Mini Bay.	BA9s	28	0.2	—	5.6	C-2F	1 1/4	7/16	7000	Box	10
S7082	1888	T3 1/4	Mini Bay.	BA9s	7	0.5	—	3.5	C-2R	1 1/4	7/16	3000	Box	10
S7083	1889	T3 1/4	Mini Bay.	BA9s	14	0.27	—	14	C-2F	1 1/4	7/16	1500	Box	10
S7084	1891	T3 1/4	Mini Bay.	BA9s	14	0.24	—	3.36	C2F	1 1/4	7/16	500	Box	10
S7085	1892	T3 1/4	Mini Bay.	BA9s	14.4	0.12	0.75	1.73	C-2F	1 3/16	7/16	1000	Box	10
S7086	1893	T3 1/4	Mini Bay.	BA9s	14	0.33	2	4.62	C-2V	1 3/16	7/16	1000	Box	10
S7087	1895	G4 1/2	Mini Bay.	BA9s	14	0.27	—	3.75	C-2F	1 1/16	9/16	1500	Box	10
S7088	1906	T3 1/4	Mini Bay.	BA9s	5	0.07	—	0.35	C-6	1 1/4	7/16	1000	Box	10
S6959	2057	S8	DC Indexed Bay.	Bay.15d	12.8	2.1	32	26.88	C-6	2	1	1200	Box	10
S7094	2232	S8	Single Contact	BA15s	28	0.643	—	18	CC-8	2	1	2000	Box	10
S7095	2233	S8	Single Contact	BA15s	28	0.766	—	21.4	CC-8	2	1	2000	Box	10
S6961	2357	S8	DC Indexed Bay.	Bay.15d	12.8	2.23	—	28.54	C-6	2	1	400	Box	10
S7097	2396	S8	Single Contact	BA15s	12.8	2.23	—	28.5	C-6	2	1	400	Box	10
S7108	3057	S8	Plastic Wedge	W3x16q	12.8	2.1	32	26.88	C-6	2 15/16	1	1200	Box	10
S6963	3155	S8	Plastic Wedge	W3x16q	12.8	1.6	21	18.43	C-6	2 15/16	1	1500	Box	10
S6964	3156	S8	Plastic Wedge	W3x16q	12.8	2.1	32	26.88	C-6	2 15/16	1	1200	Box	10
S6965	3157	S8	Plastic Wedge	W3x16q	12.8	2.1	32	26.88	C-6	2 15/16	1	1200	Box	10
S7118	3357	S8	Plastic Wedge	W3x16q	12.8	2.23	40	28.54	C-6	2 15/16	1	800	Box	10



Mini Lamps (continued)

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S7149	7327	T1 3/4	G3.17	G3.17	28	0.04	-	1.12	C-2F	5/8	1/4	4000	Box	10
S7150	7376	T1 3/4	G3.17	G3.17	28	0.065	-	1.82	C-2F	5/8	1/4	5000	Box	10
S7151	7382	T1 3/4	G3.17	G3.17	14	0.08	-	1.12	C-2F	5/8	1/4	50000	Box	10
S7883	7387	T1 3/4	G3.17	G3.17	28	0.04	-	1.12	C-2F	5/8	1/4	7000	Box	10
S7152	7839	T1	G1.27	G1.27	28	0.024	-	0.67	C-2R	3/8	1/8	16000	Box	10
S7155	8610	T1 3/4	Wire Leads	-	6.3	0.2	-	1.26	C-2R	7/16	1/4	5000	Box	10
VJ020	64111	T2 3/4	Mini Bay.	BA9s	12	-	-	5	C-6	1 5/16	3/8	240	Box	10
S7038	112/BP	TL3	Mini Screw	E10	1.2	0.22	-	0.26	S2R	15/16	-	5	Box	10
S6896	1156NA	S8	SC Bay.	BA15s	12.8	2.1	24	26.88	C-6	2	1	1200	Box	10
S6958	1157NA	S8	DC Bay.	BA15d	12.8	2.1	-	26.88	C-6	2	1	1200	Box	10
S6905	120MB	T2 1/2	Mini Bay.	BA9s	120	0.025	-	3	C-2F	1 3/16	5/16	10000	Box	10
S7816	120PSB5	T2	Telephone Slide	TS5	120	0.025	-	3	C-2F	1 1/8	1/4	10000	Box	10
S7056	124/BP	T3 1/4	Mini Wedge	W2.1x9.5d	14	0.27	-	3.78	C2F	1 1/16	-	5000	Box	10
S7815	12PSB	T2	Telephone Slide	TS5	12	0.17	-	2.04	C-2F	1 1/8	1/4	12000	Box	10
S7762	130MB	T2 1/2	Mini Bay.	BA9s	130	0.025	-	0.33	CC-7A	1 3/16	5/16	10000	Box	10
S6960	2057NA	S8	DC Indexed Bay.	Bay.15d	12.8	2.1	-	26.88	C-6	2	1	1200	Box	10
S6906	211-2	Festoon	DE Cap	SF6	12.8	0.97	-	12.42	C-8	1 3/4	-	1000	Box	10
S7093	214-2	T3	DE Cap	SF6	13.5	0.52	-	7.02	C-8	1 3/4	3/8	2000	Box	10
S6962	2357NA	S8	DC Indexed Bay.	Bay.15d	12.8	2.23	-	28.54	C-6	2	1	400	Box	10
S7863	24MB	T2 1/2	Mini Bay.	BA9s	24	0.073	-	1.68	C-2F	1 3/16	5/16	10000	Box	10
S6904	24PSB5	T2	Telephone Slide	TS5	24	0.073	-	1.75	C-2F	1 1/8	1/4	10000	Box	10
S7864	28MB	T2 1/2	Mini Bay.	BA9s	28	0.04	-	1.4	C-2F	1 3/16	5/16	5000	Box	10
S7828	28PSB5	T2	Telephone Slide	TS5	28	-	-	2.04	C-2F	1 1/8	1/4	6000	Box	10
S7832	509K	G6	Candelabra	E12	24	0.18	2.8	4.32	C-2F	1 3/8	3/8	1000	Box	10
S7968	55W/12VH1	T2 1/2	P14.5s	P14.5s	120	-	-	55	C-8	2 7/16	5/16	350	Box	10
S7836	6PSB	T2	Telephone Slide	TS5	6	0.14	-	0.84	C-2F	1 1/8	1/4	15000	Box	10
S7801	NE51H	T3 1/4	Mini Bay.	BA9s	105	-	-	0.14	Neon	1 3/16	7/16	25000	Box	10
S6926	PR12	B3 1/2	Flange	P13.5s	5.95	0.5	-	2.98	C-2R	1 1/4	7/16	15	Box	10
S6927	PR13	B3 1/2	Flange	P13.5s	4.75	0.5	-	2.38	C-2R	1 1/4	7/16	15	Box	10
S7970	PR15	B3 1/2	Single Cont. Mini Flange	P13.5s	4.8	0.5	-	2.4	C-2R	1 1/4	7/16	30	Box	10
S7166	PR16	B3 1/2	Single Cont. Mini Flange	P13.5s	12.5	0.25	-	3.13	C-2R	1 1/4	7/16	50	Box	10
S7167	PR18	B3 1/2	Flange	P13.5s	7.2	0.55	5.5	3.96	C-2R	1 1/4	7/16	3	Box	10
S7168	PR20	B3 1/2	Flange	P13.5s	8.63	0.5	-	4.32	C-2R	1 1/4	7/16	15	Box	10
S6921	PR2	B3 1/2	Flange	P13.5s	2.38	0.5	-	1.19	C-2R	1 1/4	7/16	15	Box	10
S6922	PR3	B3 1/2	Flange	P13.5s	3.57	0.5	-	1.79	C-2R	1 1/4	7/16	15	Box	10
S6928	PR30	B3 1/2	Flange	P13.5s	3.75	0.86	-	3.23	C-2R	1 1/4	7/16	40	Box	10
S6923	PR4	B3 1/2	Flange	P13.5s	2.33	0.27	-	0.63	C-2R	1 1/4	7/16	10	Box	10
S6924	PR6	B3 1/2	Flange	P13.5s	2.47	0.3	-	0.74	C-2R	1 1/4	7/16	30	Box	10



Mini Lamps (continued)

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton
S6925	PR7	B3 1/2	Flange	P13.5s	3.7	0.3	-	1.11	C-2R	1 1/4	7/16	30	Box	10
S6101	1210 X	T3 1/4	Mini Wedge	W2.1x9.5d	12	0.833	-	10	C-2R	1 15/16	7/16	3000	Box	1000/10
S6102	1210 XF	T3 1/4	Mini Wedge	W2.1x9.5d	12	0.833	-	10	C-2R	1 15/16	7/16	3000	Box	1000/10

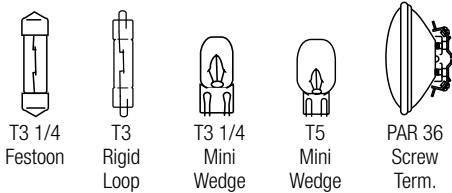
Festoon Incandescent Lamps

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	MSCP	Approx. Watts	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton
VG020	6411	T3 1/4	Festoon	SV8.5-8	12	0.83	100*	10	1 3/4	7/16	18-Jul	Box	200/10
VG040	6413	T3 1/4	Festoon	SV8.5-8	12	0.4	45*	5	1 3/4	7/16	18-Jul	Box	200/10
S2399	6421	T3 1/4	Festoon	SV8.5-8	24	0.125	18*	3	1 3/4	7/16	26-Sep	Box	200/10
VG100	6424	T3 1/4	Festoon	SV8.5-8	24	0.2	62*	5	1 3/4	7/16	18-Jul	Box	200/10
VG130	6429	T3 1/4	Festoon	SV8.5-8	24	0.42	105*	10	1 3/4	7/16	18-Jul	Box	200/10

* Lumens

Festoon & Rigid Xenon Lamps

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	Approx. Watts	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Master/ Inner Carton
S6985	X5T3 1/4 12V Festoon	T3 1/4	Festoon	SV8.5-8	12	0.37	5	1 3/4	7/16	20000	Box	500/10
S6987	X5T3 1/4 24V Festoon	T3 1/4	Festoon	SV8.5-8	24	0.19	5	1 3/4	7/16	15000	Box	500/10
S6989	X5T3 1/4 F Festoon	T3 1/4	Festoon	SV8.5-8	12	0.37	5	1 3/4	7/16	20000	Box	500/10
S6991	X5T3 1/4 F 24V Festoon	T3 1/4	Festoon	SV8.5-8	24	0.19	5	1 3/4	7/16	15000	Box	500/10
S6993	5RLX 12V Rigid Loop	T3	Rigid Loop	Rigid Loop	12	0.417	5	1 11/16	3/8	20000	Box	500/10
S6995	5RLX 24V Rigid Loop	T3	Rigid Loop	Rigid Loop	24	0.208	5	1 11/16	3/8	20000	Box	500/10
S6997	5RLX F 12V Rigid Loop	T3	Rigid Loop	Rigid Loop	12	0.417	5	1 11/16	3/8	20000	Box	500/10
S6999	5RLX F 24V Rigid Loop	T3	Rigid Loop	Rigid Loop	24	0.208	5	1 11/16	3/8	20000	Box	500/10
S6986	X10T3 1/4 12V Festoon	T3 1/4	Festoon	SV8.5-8	12	0.74	10	1 3/4	7/16	20000	Box	500/10
S6988	X10T3 1/4 24V Festoon	T3 1/4	Festoon	SV8.5-8	24	0.39	10	1 3/4	7/16	10000	Box	500/10
S6990	X10T3 1/4 F Festoon	T3 1/4	Festoon	SV8.5-8	12	0.74	10	1 3/4	7/16	20000	Box	500/10
S6992	X10T3 1/4 F Festoon	T3 1/4	Festoon	SV8.5-8	24	0.39	10	1 3/4	7/16	10000	Box	500/10
S6994	10RLX 12V Rigid Loop	T3	Rigid Loop	Rigid Loop	12	0.833	10	1 11/16	3/8	20000	Box	500/10
S6996	10RLX 24V Rigid Loop	T3	Rigid Loop	Rigid Loop	24	0.417	10	1 11/16	3/8	20000	Box	500/10
S6998	10RLX F 12V Rigid Loop	T3	Rigid Loop	Rigid Loop	12	0.833	10	1 11/16	3/8	20000	Box	500/10
S6850	10RLX/F 10W 24V Rigid Loop	T3	Rigid Loop	Rigid Loop	24	0.417	10	1 11/16	3/8	20000	Box	500/10

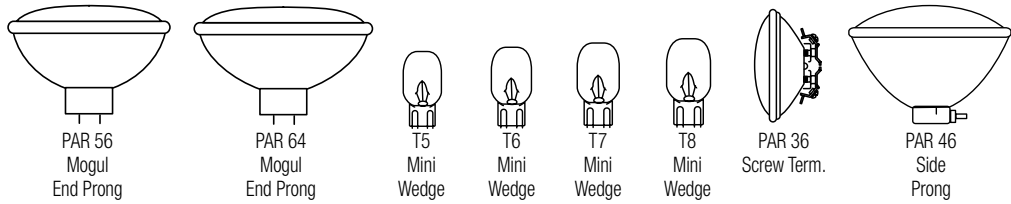


Wedge Base Xenon Lamps

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Amps	Approx. Watts	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S6968	X3T3 1/4 12V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	12	0.41	3	1 5/8	7/16	20000	Box	1000
S6969	X5T3 1/4 12V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	12	0.37	5	1 5/8	7/16	8000	Box	1000
S6974	X5T3 1/4 24V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	24	0.21	5	1 5/8	7/16	10000	Box	1000
S6972	X5T3 1/4 F 12V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	12	0.37	5	1 5/8	7/16	8000	Box	1000
S6976	X5T3 1/4 F 24V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	24	0.21	5	1 5/8	7/16	10000	Box	1000
S6975	X7.5T3 1/4 24V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	24	0.31	7.5	1 5/8	7/16	10000	Box	1000
S6977	X7.5T3 1/4 F 24V Wedge	T3 1/4	Mini Wedge	W2.1x9.5d	24	0.31	7.5	1 5/8	7/16	10000	Box	1000
S6979	X7.2T5 24V Wedge	T5	Mini Wedge	W2.1x9.5d	24	0.3	7.2	1 1/2	5/8	2500	Box	1000
S6982	X7.2T5 F 24V Wedge	T5	Mini Wedge	W2.1x9.5d	24	0.3	7.2	1 1/2	5/8	2500	Box	1000
S6980	X10T5 24V Wedge	T5	Mini Wedge	W2.1x9.5d	24	0.42	10	1 1/2	5/8	2000	Box	1000
S6983	X10T5 F 24V Wedge	T5	Mini Wedge	W2.1x9.5d	24	0.42	10	1 1/2	5/8	2000	Box	1000
S6978	X18T5 12V Wedge	T5	Mini Wedge	W2.1x9.5d	12	1.5	18	1 1/2	5/8	10000	Box	1000
S6981	X18T5 12V Wedge	T5	Mini Wedge	W2.1x9.5d	12	1.5	18	1 1/2	5/8	10000	Box	1000

Halogen Sealed Beam Lamps for General & Display

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S4807	36PAR36/CAP/VNSP	PAR36	Screw Terminal	MP2	12	36	CC-8	2 3/4	4 1/2	4000	Box	12
S4808	36PAR36/CAP/NSP	PAR36	Screw Terminal	MP2	12	36	CC-8	2 3/4	4 1/2	4000	Box	12
S4809	36PAR36/CAP/WFL	PAR38	Screw Terminal	MP2	12	36	CC-8	2 3/4	4 3/4	4000	Box	12
S4806	50PAR36CAPNSP	PAR36	Screw Terminal	MP2	12	50	CC-8	2 3/4	4 1/2	4000	Box	12
S4668	500PAR56Q/NSP	PAR56	Mogul End Prong	GX16d	120	500	CC-6	5	7	4000	Box	12
S4669	500PAR56Q/MFL	PAR56	Mogul End Prong	GX16d	120	500	CC-6	5	7	4000	Box	12
S4670	500PAR56Q/WFL	PAR56	Mogul End Prong	GX16d	120	500	CC-6	5	7	4000	Box	12
S4671	1000PAR64Q/NSP	PAR64	Mogul End Prong	GX16d	120	1000	CC-6	6	8	4000	Box	6
S4672	1000PAR64Q/MFL	PAR64	Mogul End Prong	GX16d	120	1000	CC-6	6	8	4000	Box	6
S4673	1000PAR64Q/WFL	PAR64	Mogul End Prong	GX16d	120	1000	CC-6	6	8	4000	Box	6



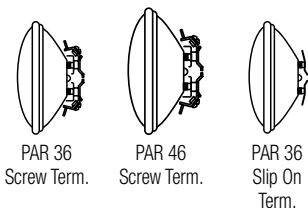
Landscape Lamps 12V – 4PK Card

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S4551	4T5	T5	Mini Wedge	W2.1x9.5d	12	4	C-2R	5/8	5/8	1000	CD/4	20
S4552	7T5	T6	Mini Wedge	W2.1x9.5d	12	7	C-2R	5/8	3/4	1000	CD/4	20
S4553	11T5	T7	Mini Wedge	W2.1x9.5d	12	11	C-2R	5/8	7/8	1000	CD/4	20
S4554	18T5	T8	Mini Wedge	W2.1x9.5d	12	18	C-2R	5/8	1	1000	CD/4	20

Incandescent Sealed Beam Lamps for General & Display

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Approx. Watts	Filament	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S4804 ▲	50PAR36/WFL	PAR36	Screw Terminal	MP2	12	50	C-6	2 3/4	4 1/2	2000	Box	12
S4342 ▲	200PAR46/3NSP	PAR46	Side Prong	MSPG	120	200	CC-13	4	5 3/4	2000	Box	12
S4340 ▲	200PAR46/3MFL	PAR46	Side Prong	MSPG	120	200	CC-13	4	5 3/4	2000	Box	12
S4344 ▲	200PAR56/MFL	PAR56	Mogul End Prong	GX16d	120	200	CC-13	5	7	2000	Box	12
S4963 ▲	300PAR56/NSP	PAR56	Mogul End Prong	GX16d	120	300	CC-13	5	7	2000	Box	12
S4810 ▲	300PAR56/MFL	PAR56	Mogul End Prong	GX16d	120	300	CC-13	5	7	2000	Box	12
S4346 ▲	300PAR56/MFL	PAR56	Mogul End Prong	GX16d	130	300	CC-13	5	7	2000	Box	12
S4811 ▲	300PAR56/WFL	PAR56	Mogul End Prong	GX16d	120	300	CC-13	5	7	2000	Box	12
S4348 ▲	500PAR64/NSP	PAR64	Mogul End Prong	GX16d	120	500	CC-13	6	8	2000	Box	6
S4349 ▲	500PAR64/MFL	PAR64	Mogul End Prong	GX16d	120	500	CC-13	6	8	2000	Box	6
S4351 ▲	500PAR64/WFL	PAR64	Mogul End Prong	GX16d	120	500	CC-13	6	8	2000	Box	6

▲ Product by one of the Primary lamp manufacturers.



Sealed Beam Lamps for Equipment

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Approx. Watts	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S4300	4014	PAR36	Screw Terminal	MP2	6.4	18	2 ¾	4 ½	200	Box	12
S4301	4042	PAR36	Screw Terminal	MP2	6.4	12	2 ¾	4 ½	150	Box	12
S4302	4044	PAR36	Screw Terminal	MP2	12	12	2 ¾	4 ½	150	Box	12
S4303	4405	PAR36	Screw Terminal	MP2	12.8	30	2 ¾	4 ½	100	Box	12
S4304	4406	PAR36	Screw Terminal	MP2	12.8	35	2 ¾	4 ½	300	Box	12
S4305	4411	PAR36	Screw Terminal	MP2	12.8	35	2 ¾	4 ½	300	Box	12
S4306	4414	PAR36	Screw Terminal	MP2	12.8	18	2 ¾	4 ½	300	Box	12
S4307	4415	PAR36	Screw Terminal	MP2	12.8	35	2 ¾	4 ½	300	Box	12
S4316	4416	PAR36	Screw Terminal	MP2	12.8	30	2 ¾	4 ½	100	Box	12
S4335	4435	PAR46	Screw Terminal	MP2	12.8	30	2 ¾	5 ¾	100	Box	12
S4317	4446	PAR36	Screw Terminal	MP2	12.8	25	2 ¾	4 ½	300	Box	12
S4318	4502	PAR36	Screw Terminal	MP2	28	50	2 ¾	4 ½	400	Box	12
S4319	4505	PAR36	Screw Terminal	MP2	28	50	2 ¾	4 ½	400	Box	12
S4320	4509	PAR36	Screw Terminal	MP2	13	100	2 ¾	4 ½	25	Box	12
S4321	4510	PAR36	Screw Terminal	MP2	6.4	25	2 ¾	4 ½	300	Box	12
S4322	4515	PAR36	Screw Terminal	MP2	6.4	30	2 ¾	4 ½	100	Box	12
S4323	4516	PAR36	Screw Terminal	MP2	6.2	30	2 ¾	4 ½	300	Box	12
S4324	4535	PAR46	Screw Terminal	MP2	6.4	30	2 ¾	5 ¾	100	Box	12
S4336	4546	PAR36	Screw Terminal	MP2	4.7	2.35	2 ¾	4 ½	100	Box	12
S4333	7613	PAR36	Screw Terminal	MP2	6	8	2 ¾	4 ½	50	Box	12
S4334	7672-1	PAR36	Slip On Terminal	SOT2	6	7.2	2 ¾	4 ½	50	Box	12

Sealed Beam Lamps for Equipment

Satco Prod. #	Lamp Code	Lamp Shape	Base	ANSI Base	Volts	Approx. Watts	M.O.L. Inches	M.O.D. Inches	Avg. Rated Hours	Pkg. Type	Carton
S4325	H7550	PAR36	Screw Terminal	MP2	6	8	2 ¾	4 ½	50	Box	12
S4326	H7551	PAR36	Screw Terminal	MP2	6	8	2 ¾	4 ½	50	Box	12
S4327	H7552	PAR36	Screw Terminal	MP2	6	10	2 ¾	4 ½	50	Box	12
S4328	H7553	PAR36	Screw Terminal	MP2	6	12	2 ¾	4 ½	50	Box	12
S4329	H7554	PAR36	Screw Terminal	MP2	6	20	2 ¾	4 ½	50	Box	12
S4330	H7555	PAR36	Screw Terminal	MP2	12	8	2 ¾	4 ½	50	Box	12
S4331	H7556	PAR36	Screw Terminal	MP2	6	6	2 ¾	4 ½	50	Box	12
S4332	H7557	PAR36	Screw Terminal	MP2	12	12	2 ¾	4 ½	50	Box	12



The right power for the job.

Operates a variety of lamps.

Satco has a wide variety of HID ballasts to operate the wide variety of metal halide, high pressure sodium, and low pressure sodium available in today's marketplace.

Purpose of a ballast.

Like fluorescent lamps, HID are gas discharge lamps. Light is produced by an arc discharge between two electrodes located at opposite ends of an arc tube within the lamp's outer glass envelope. The ballast is the lamp's power supply, providing the proper starting and operating current and voltage to start and sustain this arc.

MH Magnetic Ballasts – Pulse Start (5 Tap is a SKU reducer)

Primary Lamp Type	Tap	Satco Product #	Ballast Code	Circuit Type	ANSI	Start Method	Title 20	Carton
50W PS	5	LPT83602	P50ML5AC3 PULSE MH50	CWA	M110	PULSE	N	1
70W PS	5	LPT88603	P70ML5AA3 PULSE MH70	HX-HPF	M98, M85	PULSE	N	1
100W PS	5	LPT88604	P100ML5AA3 PULSE MH100	HX-HPF	M90	PULSE	N	1
150W PS	5	LPT88605	P150ML5AA3 PULSE MH150	CWA	M102, M81	PULSE	N	1
250W PS	5	LPT88608	P250ML5AA4 PULSE MH250	CWA	M138, M153	PULSE	N	1
320W PS	5	LPT88609	P320ML5AA4 PULSE MH320	CWA	M132, M154	PULSE	N	1
350W PS	5	LPT88610	P350ML5AA4 PULSE MH350	CWA	M131	PULSE	N	1
400W PS	5	LPT88611	P400ML5AA4 PULSE MH400	CWA	M135, M155	PULSE	N	1
750W PS	5	LPT88613	P750ML5AA5 PULSE MH750	CWA	M149	PULSE	N	1
1000W PS	5	LPT84614	P1000ML5AB5 PULSE MH1000	CWA	M141	PULSE	N	1
175W PS	4	LPT85506	P175MLTEC4 PULSE MH175	CWA	M137, M152	PULSE	Y	1
200W PS	4	LPT85507	P200MLTEC4 PULSE MH200	CWA	M136	PULSE	Y	1
250W PS	4	LPT85508	P250MLTEC4 PULSE MH250	CWA	M138, M153	PULSE	Y	1
320W PS	4	LPT85509	P320MLTEC4 PULSE MH320	CWA	M132, M154	PULSE	Y	1
350W PS	4	LPT85510	P350MLTEC4 PULSE MH350	CWA	M131	PULSE	Y	1
400W PS	4	LPT85511	P400MLTEC4 PULSE MH400	CWA	M135, M155	PULSE	Y	1
70W PS	3	LPT83703	P70TRILC3 PULSE MH70	HX-HPF	M98, M85	PULSE	N	1
100W PS	3	LPT83704	P100TRILC3 PULSE MH100	HX-HPF	M90, M140	PULSE	N	1
150W PS	3	LPT83705	P150TRILC3 PULSE MH150	HX-HPF	M102, M142	PULSE	N	1
175W PS	3	LPT83706	P175TRILC3 PULSE MH175	CWA	M137, M152	PULSE	–	1
200W PS	3	LPT83707	P200TRIAC3 PULSE MH200	CWA	M136	PULSE	–	1
250W PS	3	LPT83708	P250TRIAC4 PULSE MH250	CWA	M138, M153	PULSE	–	1
320W PS	3	LPT83709	P320TRIAC4 PULSE MH320	CWA	M132, M154	PULSE	–	1
350W PS	3	LPT83710	P350TRIAC4 PULSE MH350	CWA	M131	PULSE	–	1
400W PS	3	LPT83711	P400TRIAC4 PULSE MH400	CWA	M135, M155	PULSE	–	1
750W PS	3	LPT83713	P750TRIAC5 PULSE MH750	CWA	M149	PULSE	–	1
1000W PS	3	LPT83714	P1000TRIAC5 PULSE MH1000	CWA	M141	PULSE	–	1
750W PS	480/120	LPT83413	P75048TAC5 PULSE MH750	CWA	M149	PULSE	N	1

MH Magnetic Ballasts – Probe Start (5 Tap is a SKU reducer)

Primary Lamp Type	Tap	Satco Product	Ballast Code	Circuit Type	ANSI	Start Method	Title 20	Carton
MH175	5	LPT87606	M175ML5AA3 PROBE MH175	CWA	M57	PROBE	N	1
MH250	5	LPT87608	M250ML5AA4 PROBE MH250	CWA	M58	PROBE	N	1
MH400	5	LPT87611	M400ML5AA4 PROBE MH400	CWA	M59	PROBE	N	1
MH1000	5	LPT87614	M1000ML5AA5 PROBE MH1000	CWA	M47	PROBE	N	1
MH1500	5	LPT81615	M1500ML5AC5 PROBE MH1500	CWA	M48	PROBE	N	1
MH175	4	LPT81506	M175MLTAC3 PROBE MH175	CWA	M57	PROBE	N	1
MH400	4	LPT81511	M400MLTAC4 PROBE MH400	CWA	M59	PROBE	N	1
MH1000	4	LPT81514	M1000MLTAC5 PROBE MH1000	CWA	M47	PROBE	N	1
MH1500	4	LPT89515	M1500MLTAB5 PROBE MH1500	CWA	M48	PROBE	N	1
MH400	480/120	LPT81411	M40048TAC4 PROBE MH400	CWA	M59	PROBE	N	1
MH1000	480/120	LPT81414	M100048TAC5 PROBE MH1000	CWA	M47	PROBE	N	1
MH175	3	LPT81706	M175TRIAC3 PROBE MH175	CWA	M57	PROBE	N	1
MH250	3	LPT81708	M250TRIAC4 PROBE MH250	CWA	M58	PROBE	N	1
MH2400	3	LPT81711	M400TRIAC4 PROBE MH400	CWA	M59	PROBE	N	1
MH1000	3	LPT81714	M1000TRIAC5 PROBE MH1000	CWA	M47	PROBE	N	1

HPS Magnetic Ballasts – 5 & 4 Tap

Primary Lamp Type	Tap	Satco Product #	Ballast Code	Circuit Type	ANSI	Start Method	Title 20	Carton
250W HPS	5	LPT86608	S250ML5AA4 HPS250	CWA	S50	–	N	1
400W HPS	5	LPT86611	S400ML5AA4 HPS400	CWA	S51	–	N	1
600W HPS	5	LPT86612	S600ML5AA4 HPS600	CWA	S106	–	N	1
1000W HPS	5	LPT86614	S1000ML5AA5 HPS1000	CWA	S52	–	N	1
50W HPS	4	LPT82502	S50MLTLC3 HPS50	HX-HPF	S68	–	N	1
70W HPS	4	LPT82503	S70MLTLC3 HPS70	HX-HPF	S62	–	N	1
100W HPS	4	LPT82504	S100MLTLC3 HPS100	HX-HPF	S54	–	N	1
150W HPS	4	LPT82505	S150MLTLC3 HPS150	HX-HPF	S55	–	N	1
200W HPS	4	LPT86507	S200MLTAA4 HPS200	CWA	S66	–	N	1

HPS Magnetic Ballasts – 3 Tap

Primary Lamp Type	Tap	Satco Product #	Ballast Code	Circuit Type	ANSI	Input Voltage	Title 20	Carton
50W HPS	3	LPT82702	S50TRILC3 HPS50	HX-HPF	S68	120/277/347	N	1
70W HPS	3	LPT82703	S70TRILC3 HPS70	HX-HPF	S62	120/277/347	N	1
100W HPS	3	LPT82704	S100TRILC3 HPS100	HX-HPF	S54	120/277/347	N	1
150W HPS	3	LPT82705	S150TRILC3 HPS150	HX-HPF	S55	120/277/347	N	1
250W HPS	3	LPT82708	S250TRIAC4 HPS250	CWA	S50	120/277/347	N	1
400W HPS	3	LPT82711	S400TRILC4 HPS400	CWA	S51	120/277/347	N	1
1000W HPS	3	LPT82714	S1000TRIAC5 HPS1000	CWA	S52	120/277/347	N	1

MH Electronic Ballasts – Ceramic Type

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product	Ballast Code	Mounting	L x W x H (Inches)	Carton
CDM20	1	120	S6792	HQEB/MH20/120LA2F 120V SQUARE	FCAN	3 ½ x 3 x 1 ¼	40
CDM70	1	120	S6793	HQEB/MH39/120LA2F 120V SQUARE	FCAN	3 ½ x 3 x 1 ¼	40
CDM100	1	120	S6794	HQEB/MH50/120LA2F 120V SQUARE	FCAN	3 ½ x 3 x 1 ¼	40
CDM35, 39	1	UNV	S6795*	HQEB/MH35/123L2AF UNV RECTANGLE	JCAN	5 ½ x 3 5/8 x 1 ½	20
CDM70	1	UNV	S6796*	HQEB/MH70/123L2AF UNV RECTANGLE	JCAN	5 ½ x 3 5/8 x 1 ½	20
CDM100	1	UNV	S6797*	HQEB/MH100/123L2AF UNV RECTANGLE	JCAN	5 ½ x 3 5/8 x 1 ½	20
CDM70	1	UNV	S6799	HQEB/MH70/123L1AF UNV RECTANGLE	FCAN	5 ½ x 3 5/8 x 1 ½	20
CDM100	1	UNV	S6800	HQEB/MH100/123L1AF UNV RECTANGLE	FCAN	5 ½ x 3 5/8 x 1 ½	20
CDM150	1	UNV	S6801	HQEB/MH150/123L1AF UNV RECTANGLE	FCAN	5 ½ x 3 5/8 x 1 ½	20
CDM150	1	UNV	S6804*	HQEB/MH150/123L2AF UNV RECTANGLE	JCAN	6 ½ x 3 5/8 x 1 ½	20

* Bottom Feed Studs

Hydroponic/Horticulture Ballasts – Fan Cooled

Primary Lamp Type	Tap	Satco Product #	Ballast Code	Dimming Options	L x W x H (Inches)	Carton
400W HPS MH	120-240V	S2791	400W DIMM 120/240V MH/HPS W/120V 8FT PLUG	150W/250W/400W	9 13/16 x 4 ½ x 2 13/16	4
600W HPS MH	120-240V	S2792	600W DIMM 120/240V MH/HPS W/120V 8FT PLUG	250W/400W/600W	12 x 4 ½ x 2 13/16	4
1000W HPS MH	120-240V	S2793	1000W DIMM 120/240V MH/HPS W/120V 8FT PLUG	600W/750W/1000W	14 7/16 x 4 ½ x 2 13/16	4
CORD FOR 240V	240V	S2794	8FT 240V POWER CORD FOR S2791 S2792 S2793	–	–	1

NOTES – Taps Defined:

5 Tap: 120/208/240/277/480V 3 Tap: 120/208/347V

4 Tap: 120/208/240/277V UNV: 120 – 277V



Reliable, steady power.

A necessary function.

In a fluorescent lighting system, the ballast regulates the current to the lamps and provides sufficient voltage to start them.

Types of ballasts.

Ballasts consume electricity while providing the necessary circuit conditions; voltage, current, and wave form, to start and operate fluorescent lamps. There are three types of ballasts for commercial applications: magnetic, hybrid, and electronic.

Modern ballast designs use advanced electronics to more precisely regulate the current flowing through the electrical circuit. Since they use a higher cycle rate, you don't generally notice a flicker or a humming noise coming from an electronic ballast. Different lamps require specialized ballasts designed to maintain the specific voltage and current levels needed for varying tube designs.



T8 Instant Start, Program Start, Universal Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
F32T8	1	120/277	S5207	QTP1X32T8/UNIV/ISN/SC	49941	Leads	10
	2	120/277	S5208	QTP2X32T8/UNIV/ISN/SC	49943	Leads	10
	3	120/277	S5209	QTP3X32T8/UNIV/ISN/SC	49945	Leads	10
	4	120/277	S5210	QTP4X32T8/UNIV/ISN/SC	49947	Leads	10
	1,2	120/277	LPT80210*	DB232N-MV-TP-HE	80210	Leads	10
	3	120/277	LPT80213*	DB332N-MV-TP-HE	80213	Leads	10
	4	120/277	LPT80215*	DB432N-MV-TP-HE	80215	Leads	10
F32T8	1	120/277	S5286	QHE1X32T8/UNV/PSN/TC	51397	Leads	10
	2	120/277	S5287	QHE2X32T8/UNV/PSN/TC	51408	Leads	10
	3	120/277	S5288	QHE3X32T8/UNV/PSN/TC	51413	Leads	10
	4	120/277	S5289	QHE4X32T8/UNV/PSN/TC	51418	Leads	10
				<ul style="list-style-type: none"> • Listed for: FB016, F017, FB024, F025, FB031, F032, F040 & SS Equivalents • Can operate 1 lamp on 2 lamp ballast, 2 lamps on 3 lamp ballast, 3 lamps on 4 lamp ballast • For 40T8 operation use 1 lamp on 2 lamp ballast, 2 lamps on 3 lamp ballast, 3 lamps on 4 lamp ballast 			
F96T8	1, 2	120/277	S5213	QTP2X59T8/UNIV/ISN/SC	49598	Leads	10
	1, 2	120/277	LPT80219	DB259-MV-TP-PIC-SL	80219	Leads	10
				<ul style="list-style-type: none"> • Listed for: F096T8 & SS Equivalents • Can operate 1 lamp on 2 lamp ballast 			

* Shrink wrapped for retail.

T12 Instant Start / Rapid Start Electronic Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
F40T12	1, 2	120/277	S5260*	DB240-MV-RSN BALLAST UNV	80205	Leads	20
					<ul style="list-style-type: none"> • Listed for: F40T12, F30T12, F25T12 Lamp(s) 		
F96T12	1, 2	120/277	S6697*	DB275ISMV	80206	Leads	20

* Shrink wrapped for retail.

T12 T8 HO Instant Start / Rapid Start / Program Start

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
T12/RS/HO	1, 2	120/277	Y75303	QTP2X96T12/HO/UNV	50319	Leads	4
	1, 2	120/277	LPT80224	DB-2110-RS-MV	80224	Leads	20
T8/PS/HO	1, 2	120/277	Y50304	QHE2X86T8/HO/UNV/PSN/HT-B	50304	Leads	10
T8/IS/HO	1, 2	120/277	LPT80237	DB-286HO-MV-TP-IS	80237	Leads	10

T5 Programmed Start, Universal Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
FP28T5	1	120/277	S5221	QTP1X28T5/UNIV/PSN/NL	49171	Wiretap Connections	20
	2	120/277	S5222	QTP2X28T5/UNIV/PSN/NL	49181	Wiretap Connections	20
<ul style="list-style-type: none"> • Listed for: FP14, FP21, FP28, FP35 Lamp(s) 							

T5 HO Programmed Start, Universal Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
FP24T5	2	120/277	S5215	QHE2X3924T5HO/UNV/NL	51479	Wiretap Connections	20
FP24T5 & F39T5	1,2	120/277	LPT80239	DB2S39PS-MV	80239	Leads	10
<ul style="list-style-type: none"> • Listed for: FPC22T5, FPC24T5HO, FT24DL, CF24DF, FT36DL, FP39T5HO, FPC40T5 Lamp(s) 							
FP54T5	1	120/277	S5218	QTP1X54T5HO/UNV/PSN/NL	49121	Wiretap Connections	20
	2	120/277	S5219	QHE2X54T5HO/UNV/PSN/NL	51471	Wiretap Connections	20
	1,2	120/277	LPT80218	DB-254HO-MV-TP-PS-SL	80218	Leads	10
	1,2	347/480	LPT80230	DB254HO-480-TP-PS-SL	80230	Leads	10
	3,4	120/277	LPT80236	DB4M54-PS-MV-90	80236	Leads	10
<ul style="list-style-type: none"> • Listed for: FP54T5/HO, FT55DL, FPC55 Lamp(s) 							
FP80T5	1	120/277	S5220	QTP1X80T5HO/UNV/PSN/NL	49150	Wiretap Connections	20
<ul style="list-style-type: none"> • Listed for: FP54T5/HO, FP80, FT80DL Lamp(s) 							

FT40DL Instant Start, Universal Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
FT40	1	120/277	Y49428	QHE1X40DL/UNIV ISN-SC	49428	Leads	10
	2	120/277	Y49429	QHE2X40DL/UNIV ISN-SC	49429	Leads	10
	3	120/277	Y49430	QHE3X40DL/UNIV ISN-SC	49430	Leads	10
<ul style="list-style-type: none"> • Listed for: FT40DL/28W/SS/IS 							

Circline Instant Start, Dedicated Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
FC6, FC8	1	120	Y49428	DB1S26RS120N W/SOCKET	80225	Leads & Socket	60
FC12, 16, 30	1	120	Y49429	DB1S40RS120N W/SOCKET	80226	Leads & Socket	60
FC8 & 12	2	120	Y49430	DB2S2232RS120N W/SOCKET	80227	Leads & Socket	60
FC12 & 16	2	120	S5299	DB2S3240RS120N W/SOCKET	80228	Leads & Socket	60

Compact Fluorescent Programmed Start, Universal Voltage Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	NAED Code	Wiring Method	Carton
CF13	1,2	120/277	S5225	QTP1/2X13CF/UNV/DM	51818	Wiretap Connections	20
<ul style="list-style-type: none"> • Listed for: 1 or 2 CF13DD/E or CF13DT/E Lamp(s) 							
CF18	1,2	120/277	S5226	QTP1/2X18CF/UNV/DM	51823	Wiretap Connections	20
CF13 & CF18	1,2	120/277	LPT80207	DBC218MVRSN/KIT	80207	Wiretap Connections	20
<ul style="list-style-type: none"> • Listed for: 1 or 2 CF18DD/E or CF18DT/E Lamp(s) 							
CF26	1,2	120/277	S5229	QTP1/2X26CF/UNV/Dual Entry	51833	Wiretap Connections	20
CF26	2	120/277	LPT80208	DBC226MVRSN/KIT	80208	Wiretap Connections	20
<ul style="list-style-type: none"> • Listed for: 1 or 2 CF26DD/E or CF26DT/E Lamp(s) • Also Listed for: 1 ea. CF32DT/E, CF42DT/E, F28/2D, F38/2D, FPC40T5, FT40DL Lamp • Also Listed for: 2 ea. CF13DS/E, FT18DL/RS, CF18DF, F21/2D Lamps 							
CF26	1,2	120/277	S5233	QTP2X26CF/UNV DM PEM	51898	Wiretap Connections	16
CF32, 42	1	120/277					
<ul style="list-style-type: none"> • Listed for: 1 or 2 CF26DD/E or CF26DT/E Lamp(s) • Also Listed for: 1 ea. CF32DT/E or CF42DT/E Lamp 							
CF26, 32, 42	1,2	120/277	S5235	QTP2X26/32/42CF/UNV DM	51843	Wiretap Connections	20
CF57, 70	1	120/277					
CF26, 32, 42	1,2	120/277	LPT80204	DBC242MVRSN/KIT	80204	Wiretap Connections	20
CF57, 70	1	120/277					
<ul style="list-style-type: none"> • Listed for: 1 or 2 CF26DD/E or CF26DT/E Lamp(s) • Also Listed for: 1 ea. CF32DT/E or CF42DT/E Lamp 							

T12 (800mA) Electronic Sign Ballasts

Primary Lamp Type	# of Lamps	Input Voltage	Satco Product #	Ballast Code	Total Lamp Length	Carton
T12/RS/HO	1 – 2	120/277	LPT80239	DB-0216-12-MV-TP	2 ft. – 16 ft.	1
	1 – 4	120/277	LPT80240	DB-1040-14-MV-TP	10 ft. – 40 ft.	1
	1 – 4	120/277	LPT80241	DB-0432-14-MV-TP	4 ft. – 32 ft.	1
	4 – 6	120/277	LPT80242	DB-0848-46-MV-TP	8 ft. – 48 ft.	1
<ul style="list-style-type: none"> • Listed for all T12 HO lamps 18" thru 96": F18T12, F24T12, F30T12, F42T12, F48T12/SS, F48T12, F60T12, F64T12, F72T12, F84T12, F96T12/SS, F96T12/CT, F96T12 						

Item #	Page #	Item #	Page #	Item #	Page #	Item #	Page #	Item #	Page #
4BAKPAK	26	LPT80224	123	LPT85510	119	S1921	54	S1977	62
4SBAKPAK	26	LPT80230	124	LPT85511	119	S1922	54	S1978	62
8BAKPAK	26	LPT80236	124	LPT86507	120	S1923	56	S1979	53
A3620	77	LPT80237	123	LPT86608	120	S1924	51	S1980	53
A3631	79	LPT80239	124	LPT86611	120	S1925	56	S1981	53
A3632	82	LPT80239	125	LPT86612	120	S1926	56	S1982	53
A3634	79	LPT80240	125	LPT86614	120	S1927	101	S1983	54
A3635	82	LPT80241	125	LPT87606	120	S1928	101	S1984	54
A3637	79	LPT80242	125	LPT87608	120	S1929	101	S1986	50
A3638	82	LPT81411	120	LPT87611	120	S1930	101	S1987	50
A3641	84	LPT81414	120	LPT87614	120	S1931	101	S1989	57
A3644	84	LPT81506	120	LPT88603	119	S1932	101	S1990	57
A3645	84	LPT81511	120	LPT88604	119	S1933	102	S1991	57
A3648	84	LPT81514	120	LPT88605	119	S1934	102	S1992	58
A3662	88	LPT81615	120	LPT88608	119	S1935	102	S1993	58
A3663	88	LPT81706	120	LPT88609	119	S1936	102	S1994	59
A3665	83	LPT81708	120	LPT88610	119	S1937	102	S1995	58
A3668	83	LPT81711	120	LPT88611	119	S1938	102	S1996	58
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A3675	83	LPT82502	120	LPT89515	120	S1940	101	S2200	67
A3677	77	LPT82503	120	MULTIBAKPAK	26	S1941	101	S2201	67
A3679	83	LPT82504	120	S1383	78	S1950	57	S2202	67
A3682	79	LPT82505	120	S1820	80	S1951	57	S2203	67
A3683	82	LPT82702	121	S1821	85	S1952	58	S2204	67
A3684	87	LPT82703	121	S1822	91	S1953	58	S2228	56
A3685	79	LPT82704	121	S1823	85	S1954	58	S2231	67
A3686	82	LPT82705	121	S1824	80	S1955	58	S2232	67
A3687	87	LPT82708	121	S1825	85	S1956	58	S2233	68
A3688	79	LPT82711	121	S1826	91	S1957	58	S2234	68
A3689	82	LPT82714	121	S1900	18	S1958	58	S2235	68
A3690	87	LPT83413	119	S1902	18	S1959	58	S2236	68
A3921	78	LPT83602	119	S1904	18	S1960	59	S2237	68
A3923	83	LPT83703	119	S1905	18	S1961	59	S2238	68
A3924	78	LPT83704	119	S1906	18	S1962	59	S2239	69
A3926	83	LPT83705	119	S1907	18	S1963	59	S2240	69
A3931	88	LPT83706	119	S1908	50	S1964	59	S2241	69
A3932	89	LPT83707	119	S1909	50	S1965	59	S2242	69
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BALBAKPAK	26	LPT83709	119	S1911	50	S1967	58	S2244	69
COMBAKPAK	26	LPT83710	119	S1912	50	S1968	59	S2245	70
LPT80204	125	LPT83711	119	S1913	53	S1969	59	S2246	70
LPT80207	125	LPT83713	119	S1914	53	S1970	62	S2247	70
LPT80208	125	LPT83714	119	S1915	53	S1971	62	S2248	70
LPT80210	123	LPT84614	119	S1916	54	S1972	62	S2249	70
LPT80213	123	LPT85506	119	S1917	54	S1973	62	S2256	70
LPT80215	123	LPT85507	119	S1918	54	S1974	62	S2257	70
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S2335	68	S2445	66	S2705	88	S2940	23	S3128	101
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S2416	85	S2617	61	S2817	89	S3001	84	S3157	53
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S3243	76	S3378	88	S3448	84	S3543	51	S3714	80
S3245	83	S3381	82	S3451	58	S3544	52	S3715	78
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S3735	82	S3828	84	S3932	91	S4129	62	S4254	96
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S3740	86	S3833	76	S3937	64	S4133	70	S4261	98
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S3757	75	S3842	84	S3945	92	S4165	81	S4269	100
S3759	75	S3844	76	S3946	92	S4169	56	S4270	100
S3760	75	S3845	77	S3948	77	S4170	59	S4284	99
S3761	75	S3847	83	S3949	77	S4172	59	S4285	99
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S3765	83	S3861	84	S3955	87	S4175	60	S4288	99
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S3771	88	S3864	76	S3957	92	S4177	60	S4290	100
S3772	89	S3866	75	S3958	92	S4178	60	S4292	99
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S4873	102	S5000	90	S5501	31	S5878	97	S6276	30
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