

Incandescent





Incandescent Basics

The basic design of the incandescent lamp has not changed much since the late 1800s, when Thomas Alva Edison successfully produced the first operational electric light bulb. These are the must-know fundamental facts about incandescent lamps and the alternative choices that are available today.

THE GLASS BULB

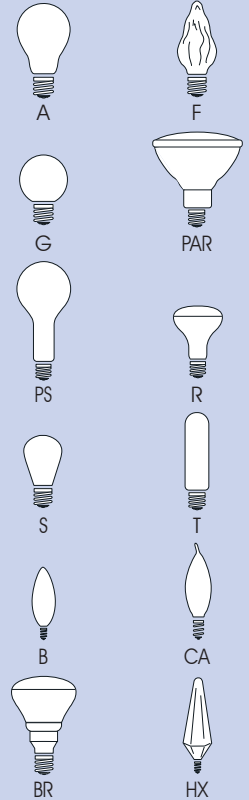
The filament inside an incandescent lamp must be protected so that oxygen does not reach it and cause it to evaporate on contact. Most incandescent lamps are either vacuum-sealed or gas-filled. It was discovered in the early 1900s that the introduction of gas inside the bulb, or envelope, created a pressure against the filament. This pressure allowed the filament to burn hotter and last longer. Most gas-filled incandescent lamps today use a mixture of argon and nitrogen gases.

THE FILAMENT

Incandescent lamp filaments are made of tungsten. Tungsten is a metal that can operate at very high temperatures without evaporating too quickly and resulting in early lamp failure. Incandescent filaments only convert about 10 percent of the energy used into visible light, so it is necessary to use a material that can withstand extremely high temperatures. Most lamps use a coiled filament design, which has been found to be stronger and deliver better performance.

Bulb shapes

The size and shape of a lamp's bulb are designated by a letter(s) and a number. The letter specifies the shape of the bulb and the number indicates the maximum diameter in 1/8-inch increments. Example: A G40 is a globe shape which is 5 inches in diameter.



HOW IT WORKS

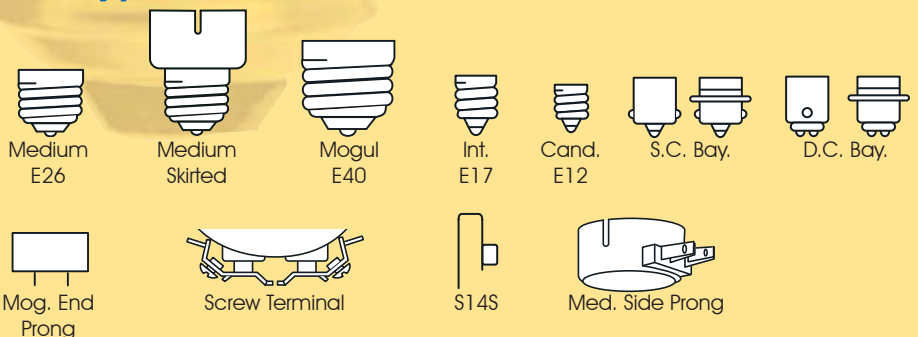
Just as a piece of metal being blacksmithed or the molten glass at the end of a blower's rod heats to a brilliant glow, so does the filament of an incandescent lamp. The difference is that electricity is used to heat the filament instead of fire. This phenomenon is known as incandescence.

THE BASE

Screw-type bases used on incandescent lamps consist of three components: the threaded screw section, the glass insulation ring and the contact disc. The lead wires which exit the glass bulb of the lamp are attached to the base at two points. One wire is soldered to the bottom of the contact disc and the other to the top edge of the screw section. The glass ring acts as an insulation barrier between the two points. This assembly completes the circuit and the lamp is electrified once the base is screwed into a socket and the contact disc touches the center point of the socket.

The base itself has nothing to do with the seal of the bulb; it is a separate part of the lamp that is attached with cement. Typically, bases are made from aluminum or brass. Brass bases tend to perform best due to their compatibility with most socket materials.

Base Types



Key Characteristics

Rated Voltage:

The lamp's filament is designed to operate within a specific voltage range in order for it to deliver its intended light output. Lamps that are burned at voltages higher than their rating will result in higher wattage, efficacy (lumens per watt) and lumens. Lamps operated below their rated voltage will significantly increase their life while reducing their wattage, efficacy and lumen output.

Lumen Maintenance:

As the filament of an incandescent lamp burns, the tungsten is slowly evaporating and depositing itself on the interior wall of the bulb. This creates the black coating seen after a bulb has been in use for a while. Additionally, as the filament evaporates, the lumen output decreases until it reaches the end of its life when the wire breaks. It is recommended that a "group replacement" or relamping is conducted once a number of lamps have failed or a noticeable decrease in light output has taken place.

Burning Position:

For the most part, incandescent lamps can be burned in any position. However, take note and observe a lamp manufacturer's recommendations for use.

Light Output vs. Life

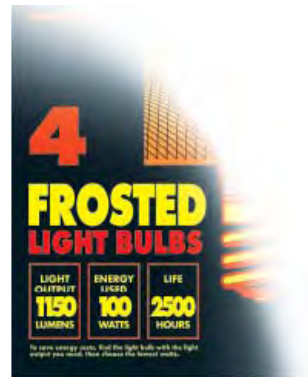
The life of an incandescent lamp and its lumen output are both determined by the filament design. These characteristics represent a give-and-take relationship—one must be sacrificed to improve the other. There are many choices available to the consumer, each one marketed for a particular application, purpose or feature.

It is important to determine your customer's priorities and needs when recommending a light source purchase. Is the lamp going to be placed in a hard-to-reach area,

making long life more important than light output? Or will it be a workhorse, illuminating important tasks and needing maximum lumens?

The Federal Trade Commission instituted new packaging labeling requirements in 1992 to explain the function of a lamp better to the purchaser. So if you know your way around this labeling, you can suggest optimum choices for your customer, or explain the features to customers to allow them to make their own educated decisions.

These examples of actual labels illustrate the differences between two standard household "A" lamps. One is marketed for longer life, while the other is marketed for greater lumen output. Note the life/light tradeoffs.



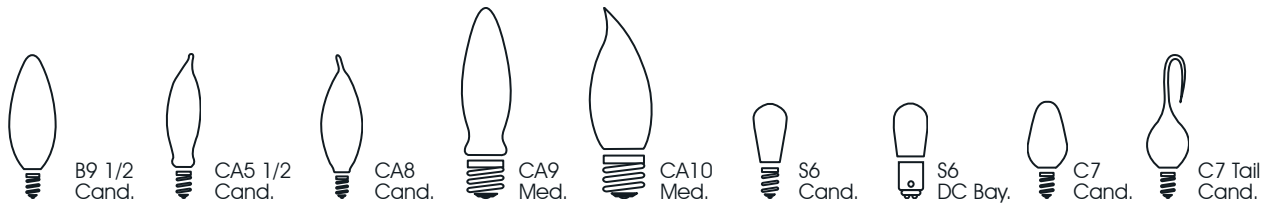
High Lumen Output



Longer Lamp Life



Incandescent Lamps



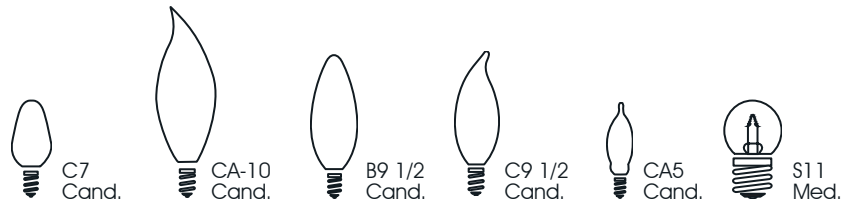
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes	
3		Cand.	S3659	3BA9 1/2/Flicker	120	Clear	500/25	Box	Neon	1000	-	3 1/2"		
			S3759	3BA9 1/2/Flicker	120	Clear	120/12	CD/1	Neon	1000	-	3 1/2"		
		Cand.	S3661	3CA5 1/2/Flicker	120	Clear	500/25	Box	Neon	1000	-	3 1/4"		
			S3761	3CA5 1/2/Flicker	120	Clear	120/12	CD/1	Neon	1000	-	3 1/4"		
		Cand.	S3656	3CA8/Flicker	120	Clear	500/25	Box	Neon	1000	-	3 7/8"		
			S3756	3CA8/Flicker	120	Clear	120/12	CD/1	Neon	1000	-	3 7/8"		
		Med.	S3660	3CA9/Flicker	120	Clear	500/25	Box	Neon	1000	-	4 9/16"		
			S3760	3CA9/Flicker	120	Clear	120/12	CD/1	Neon	1000	-	4 9/19"		
		Med.	S3657	3CA10/Flicker	120	Clear	500/25	Box	Neon	1000	-	4 1/16"		
			S3757	3CA10/Flicker	120	Clear	120/12	CD/1	Neon	1000	-	4 1/16"		
		Cand.	S4567	3S6/5	130	Clear	10	Sleeve/10	C-6	1500	10	1 7/8"		
	4		Cand.	S3680	4C7	120	Clear	2000/50	Bulk	C-7A	3000	16	2 1/8"	
				S3797	4C7	120	Clear	400/20	CD/2	C-7A	3000	16	2 1/8"	
				S4724	4C7	120	Clear	48/12	CD/4	C-7A	3000	16	2 1/8"	
S3681				4C7/W	120	White	2000/50	Bulk	C-7A	3000	8	2 1/8"		
5		Cand.	S4520	5C7	120	Silicone Tail	144/12	CD/2	C-7A	1000	10	2 1/2 +		
6		Cand.	S4568	6S6/6V	6	Clear	10	Sleeve/10	C-6	1500	40	1 7/8"		
			S4569	6S6/12V	12	Clear	10	Sleeve/10	C-6	1500	40	1 7/8"		
			S4570	6S6/24V	24	Clear	10	Sleeve/10	C-6	1500	40	1 7/8"		
			S4571	6S6/48V	48	Clear	10	Sleeve/10	C-6	1500	40	1 7/8"		
			S3900	6S6	130	Clear	120/10	Sleeve/10	C-7A	2500	30	1 7/8"		
			S4717	6S6	130	Clear	120/12	CD/2	C-7A	2500	30	1 7/8"		
			S4572	6S6/230V	230	Clear	10	Sleeve/10	C-7A	1500	25	1 7/8"		
		DC Bay.	S3901	6S6/DC	130	Clear	120/10	Sleeve/10	C-7A	2500	30	1 7/8"		







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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

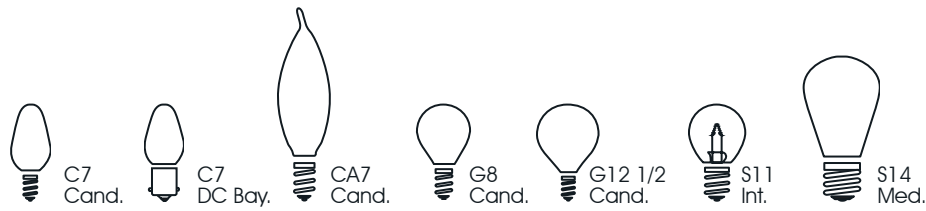
Incandescent Lamps



incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
7	C7 	Cand.	S3691	7C7	120	Clear	2000/25	Bulk	C-7A	3000	35	2 1/8"	
			S3791	7C7	120	Clear	400/20	CD/2	C-7A	3000	35	2 1/8"	
			S4725	7C7	120	Clear	48/12	CD/4	C-7A	3000	35	2 1/8"	
			S3902	7C7	130	Clear	120/10	Sleeve/10	C-7A	2500	35	1 7/8"	
			S3692	7C7/W	120	White	2000/25	Bulk	C-7A	3000	20	2 1/8"	
			S3792	7C7/W	120	White	400/20	CD/2	C-7A	3000	20	2 1/8"	
			S4726	7C7/W	120	White	48/12	CD/4	C-7A	3000	20	2 1/8"	
	CA-10 	Cand.	S3866	7CA10/12V	12	Clear	500/25	Box	CC-2V	1500	65	4 1/4"	
7.5	B9 1/2 	Cand.	S4994	7 1/2B9 1/2 Showroom	120	Clear	500/25	Bulk	C-7A	3000	37	3 1/2"	
	C9 1/2 	Cand.	S4988	7 1/2C9 1/2 Showroom	120	Clear	500/25	Bulk	C-7A	3000	37	3 1/2"	
	CA5 	Cand.	S3241	7 1/2CA5	120	Clear	2000/50	Box	C-7A	1500	40	2 7/8"	
			S3242	7 1/2CA5/F	120	Frosted	2000/50	Box	C-7A	1500	35	2 7/8"	
			S3243	7 1/2CA5/FY	120	Fr. Yellow	2000/50	Box	C-7A	1500	35	2 7/8"	
	S11 	Med.	S3606	7 1/2S11	120	Clear	1000/25	Sleeve	C-7A	2500	40	2 1/4"	
			S3794	7 1/2S11	120	Clear	240/20	CD/1	C-7A	2500	40	2 1/4"	
			S3607	7 1/2S11/W	120	Gloss Wht	1000/25	Sleeve	C-7A	2500	20	2 1/4"	
			S3795	7 1/2S11/W	120	Gloss Wht	240/20	CD/1	C-7A	2500	20	2 1/4"	
			S3608	7 1/2S11/B	120	Cer. Blue	1000/25	Sleeve	C-7A	2500	-	2 1/4"	
			S4508	7 1/2S11/B	120	Cer. Blue	120/10	CD/1	C-7A	2500	-	2 1/4"	
			S3609	7 1/2S11/G	120	Cer. Green	1000/25	Sleeve	C-7A	2500	-	2 1/4"	
			S4509	7 1/2S11/G	120	Cer. Green	120/10	CD/1	C-7A	2500	-	2 1/4"	
			S3610	7 1/2S11/O	120	Cer. Orange	1000/25	Sleeve	C-7A	2500	-	2 1/4"	
			S4510	7 1/2S11/O	120	Cer. Orange	120/10	CD/1	C-7A	2500	-	2 1/4"	
			S3611	7 1/2S11/R	120	Cer. Red	1000/25	Sleeve	C-7A	2500	-	2 1/4"	
			S4511	7 1/2S11/R	120	Cer. Red	120/10	CD/1	C-7A	2500	-	2 1/4"	
	S4512	7 1/2S11/Y	120	Cer. Yellow	120/10	CD/1	C-7A	2500	-	2 1/4"			

Incandescent Lamps



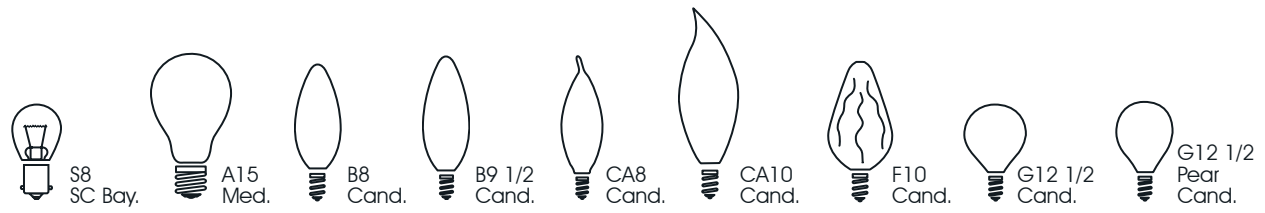
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
10	C7 	Cand.	S3903	10C7	130	Clear	120/10	Sleeve/10	C-7A	2500	60	2 1/8"	
		DC Bay.	S3904	10C7/DC	130	Clear	120/10	Sleeve/10	C-7A	2500	60	2 1/8"	
	CA7 	Cand.	S3272	10CA7	120	Clear	1000/25	Box	C-7A	1500	80	3"	
			S3276	10CA7/F	120	Frosted	1000/25	Box	C-7A	1500	70	3"	
	G8 	Cand.	S3864	10G8/W	120	Glossy White	1000/25	Box	C-7A	1500	50	1 7/8"	
	G12 1/2 	Cand.	S3844	10G12 1/2	120	Clear	500/25	Box	C-7A	1500	60	2 3/8"	
			S3830	10G12 1/2/W	120	Sat. White	500/25	Box	C-7A	1500	50	2 3/8"	
			S3755	10G12 1/2/W	120	Sat. White	120/10	CD/2	C-7A	1500	60	2 3/8"	
			S3833	10G12 1/2/R	120	Trans Red	500/25	Box	C-7A	1500	-	2 3/8"	
			S3834	10G12 1/2/B	120	Trans Blue	500/25	Box	C-7A	1500	-	2 3/8"	
			S3835	10G12 1/2/G	120	Trans Green	500/25	Box	C-7A	1500	-	2 3/8"	
			S3836	10G12 1/2/A	120	Trans Amber	500/25	Box	C-7A	1500	-	2 3/8"	
			S3837	10G12 1/2/PK	120	Trans Pink	500/25	Box	C-7A	1500	-	2 3/8"	
	S11 	Int.	S3621	10S11/N	115/125	Clear	600/10	Box	C-7A	1500	80	2 3/8"	
			S3622	10S11/N/F	115/125	Frosted	600/10	Box	CC-2V	1500	80	2 3/8"	
	11	S14 	Med.	S3965	11S14	130	Clear	120/4	Sleeve/4	CC-9	2500	80	3 1/2"
S4565				11S14	130	Clear	120/10	CD/1	CC-9	2500	80	3 1/2"	
S3966				11S14/F	130	Frosted	120/4	Sleeve/4	CC-9	2500	65	3 1/2"	
S4566				11S14/F	130	Frosted	120/10	CD/1	CC-9	2500	65	3 1/2"	
S3963				11S14/B	130	Cer Blue	120/4	Sleeve/4	CC-9	2500	-	3 1/2"	
S4563				11S14/B	130	Cer Blue	120/10	CD/1	CC-9	2500	-	3 1/2"	
S3962				11S14/G	130	Cer Green	120/4	Sleeve/4	CC-9	2500	-	3 1/2"	
S4562				11S14/G	130	Cer Green	120/10	CD/1	CC-9	2500	-	3 1/2"	
S3964				11S14/O	130	Cer Orange	120/4	Sleeve/4	CC-9	2500	-	3 1/2"	
S4564				11S14/O	130	Cer Orange	120/10	CD/1	CC-9	2500	-	3 1/2"	
S3961				11S14/R	130	Cer Red	120/4	Sleeve/4	CC-9	2500	-	3 1/2"	
S4561				11S14/R	130	Cer Red	120/10	CD/1	CC-9	2500	-	3 1/2"	
S3960				11S14/Y	130	Cer Yellow	120/4	Sleeve/4	CC-9	2500	-	3 1/2"	
S4560				11S14/Y	130	Cer Yellow	120/10	CD/1	CC-9	2500	-	3 1/2"	

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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



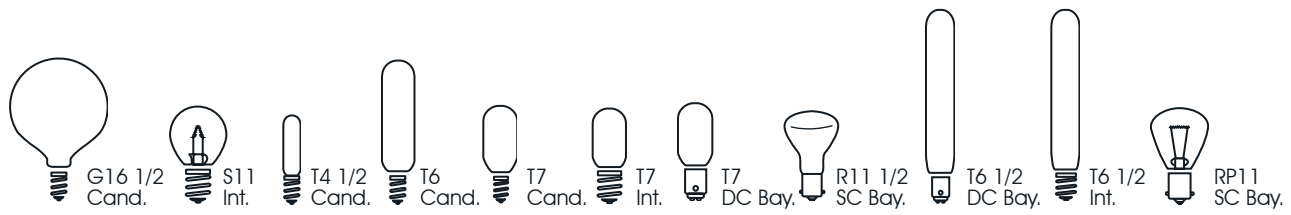
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
12		SC Bay	S3623	93	12	Clear	600/10	Box	C-6	200	190	2"	
			S3723	93	12	Clear	240/20	CD/2	C-6	300	190	2"	
15		Med.	S3948	15A15	130	Clear	120	2pk	C-9	2500	100	3 1/2"	
			S3949	15A15/F	130	Frosted	120	2pk	C-9	2500	100	3 1/2"	
		Cand.	S3345	15B8/Petite	130	Clear	500/25	Box	C-7A	1500	114	3"	
			S3230	15B9 1/2	120	Clear	500/25	Box	C-7A	1500	114	3 1/2"	
		Cand.	A3620	15B9 1/2	130	Clear	500/25	Box	C-7A	2500	114	3 1/2"	
			S3291	15B9 1/2/F	120	Frosted	500/25	Box	C-7A	1500	114	3 1/2"	
			S3273	15CA8	120	Clear	500/25	Box	C-7A	1500	100	3 5/8"	
		Cand.	S3773	15CA8	120	Clear	120/10	CD/2	C-7A	1500	100	3 5/8"	
			A3673	15CA8	130	Clear	500/25	Box	C-7A	2500	95	3 5/8"	
			A3573	15CA8	130	Clear	120/10	CD/2	C-7A	2500	95	3 5/8"	
			S3277	15CA8/F	120	Frosted	500/25	Box	C-7A	1500	95	3 5/8"	
			S3777	15CA8/F	120	Frosted	120/10	CD/2	C-7A	1500	95	3 5/8"	
			A3677	15CA8/F	130	Frosted	500/25	Box	C-7A	2500	90	3 5/8"	
			A3577	15CA8/F	130	Frosted	120/10	CD/2	C-7A	2500	90	3 5/8"	
		Cand.	S3867	15CA10/12V	12	Clear	500/25	Box	CC-2V	1500	150	4 1/4"	
		Cand.	S3360	15F10	120	Clear	500/25	Box	C-7A	1500	110	3 1/16"	
			S2760	15F10	120	Clear	120/12	CD/2	C-7A	1500	110	3 1/16"	
			S3361	15F10/W	120	White	500/25	Box	C-7A	1500	90	3 1/16"	
			S2761	15F10/W	120	White	120/2	CD/2	C-7A	1500	90	3 1/16"	
	Cand.	S3845	15G12 1/2	120	Clear	500/25	Box	C-7A	1500	100	2 3/8"		
	Cand. Pear	S3879	15G12 1/2/W	120	Sat. White	500/25	Box	C-7A	1500	100	2 3/8"		
		S3750	15G12 1/2/W	120	Sat. White	120/10	CD/2	C-7A	1500	100	2 3/8"		

incandescent lamps

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO

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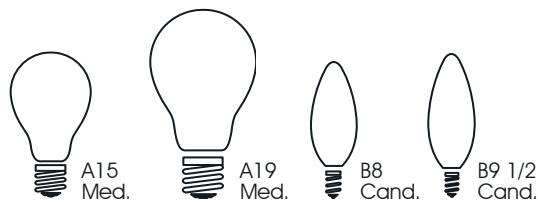
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15		Cand.	S3821	15G16 1/2	120	Clear	500/25	Box	C-7A	1500	114	3"	
			S3726	15G16 1/2	120	Clear	120/10	CD/2	C-7A	1500	114	3"	
			A3921	15G16 1/2	130	Clear	500/25	Box	C-7A	2500	98	3"	
			A3521	15G16 1/2	130	Clear	120/10	CD/2	C-7A	2500	98	3"	
			S3824	15G16 1/2/W	120	Sat. White	500/25	Box	C-7A	1500	94	3"	
			S3752	15G16 1/2/W	120	Sat. White	120/10	CD/2	C-7A	1500	94	3"	
			A3924	15G16 1/2/W	130	Sat. White	500/25	Box	C-7A	2500	83	3"	
			A3524	15G16 1/2/W	130	Sat. White	120/10	CD/2	C-7A	2500	83	3"	
			S3236	15G16 1/2/W	120	Gloss Wht	500/25	Box	C-7A	1500	94	3"	
	S11	Int.	S3628	15S11/N	115/125	Clear	600/10	Box	C-7A	1500	100	2 3/8"	
	T4 1/2	Cand.	S3913	15T4 1/2/C	130	Clear	10	Sleeve/10	C-7A	1000	90	1 1/2"	5
	T6	Cand.	S3910	15T6	130	Clear	120/10	Sleeve/10	C-5A	2500	95	3 1/16"	
			S3912	15T6/145V	145	Clear	120/10	Sleeve/10	C-5A	2500	80	3 1/16"	
			S3315	15T6/F	120	Frost	500/25	Sleeve	C-5A	2500	90	4"	5
			S3715	15T6/F	120	Frost	72/6	CD/2	C-5A	2500	90	4"	5
T7	Cand.	S3905	15T7C	130	Clear	120/10	Sleeve/10	C-5A	2500	95	2 1/4"		
		S4718	15T7C	130	Clear	120/12	CD/1	C-5A	2500	95	2 1/4"		
		S3911	15T7/N	130	Clear	120/10	Sleeve/10	C-5A	2500	95	2 1/4"		
	Int.	S4722	15T7/N	130	Clear	120/12	CD/1	C-5A	2500	95	2 1/4"		
		DC Bay.	S3906	15T7/DC	130	Clear	120/10	Sleeve/10	C-5A	2500	95	2 1/4"	
			S4719	15T7/DC	130	Clear	120/12	CD/1	C-5A	2500	95	2 1/4"	
20	R11 1/2	SC Bay	S1383	1383	12-13	Frosted	600/10	Box	C-6	600	200	2 1/2"	
			SHATTER PROOF S1383/TF	1383/TF	12-13	Frst / ShatterPrf	10	Box	C-6	600	200	2 1/2"	4
	T6 1/2	DC Bay	S3297	20T6 1/2DC	130	Clear	500/25	Box	C-6	1500	150	5 3/8"	
			S3298	20T6 1/2DC/F	130	Frosted	500/25	Box	C-6	1500	140	5 3/8"	
		Int.	S3280	20T6 1/2N	130	Clear	500/25	Box	C-6	1500	150	5 3/8"	
			S3281	20T6 1/2N/F	130	Frosted	500/25	Box	C-6	1500	140	5 3/8"	
24	RP11	SC Bay	S3624	1133	6-8	Clear	600/10	Box	C-6	300	400	2 1/4"	
			S3724	1133	6-8	Clear	240/20	CD/2	C-6	300	400	2 1/4"	

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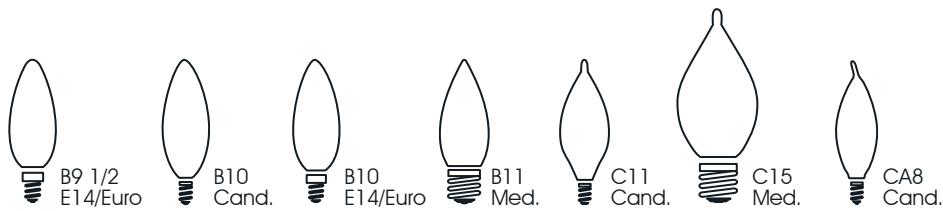
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
25	A15 Med. 	Med.	S3814	25A15/CL	130	Clear	500/25	Box	C-9	2500	130	3 1/2"	
			S3815	25A15/F	130	Frosted	500/25	Box	C-9	2500	120	3 1/2"	
			S4880	25A15/TF	130	Frost ShatterPrf	500/25	Box	C-9	2500	120	3 1/2"	4
	A19 Med. 	Med.	S6040	25A19/CL	120	Clear	120	2pk	C-9	2500	185	4 1/8"	
			S3940	25A19/CL	130	Clear	120	2pk	CC-6	2500	185	4 1/8"	
			S6050	25A19/F	120	Frosted	120	2pk	C-9	2500	185	4 1/8"	
			S3950	25A19/F	130	Frosted	120	2pk	CC-6	2500	185	4 1/8"	
			S6080	25A/TR	130	Trans Red	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6081	25A/TG	130	Trans Green	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6082	25A/TB	130	Trans Blue	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6083	25A/TY	130	Trans Yellow	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6090	25A/R	130	Cer Red	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6091	25A/G	130	Cer Green	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6092	25A/B	130	Cer Blue	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S6093	25A/Y	130	Cer Yellow	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S5010	25A19/F/12V	12	Frosted	120/6	Box	C-6	1500	250	4 1/8"	
			S5020	25A19/F/34V	34	Frosted	120/6	Box	C-6	1500	250	4 1/8"	
	S5050	25A19/F/220V	220	Frosted	120	2pk	CC-2F	2500	180	4 1/8"			
	B8 Cand. 	Cand.	S3346	25B8/Petite	130	Clear	500/25	Box	CC-2V	1500	212	3"	
	B9 1/2 Cand. 	Cand.	S3282	25B9 1/2	120	Clear	500/25	Box	CC-2V	1500	212	3 1/2"	
			S3782	25B9 1/2	120	Clear	120/10	CD/2	CC-2V	1500	212	3 1/2"	
			S4995	KR25B9 1/2	120	Clear	500/25	Box	CC-2V	2500	212	3 7/8"	1
			S3716	KR25B9 1/2	120	Clear	120/10	CD/2	CC-2V	2500	212	3 7/8"	1
			A3682	25B9 1/2	130	Clear	500/25	Box	CC-2V	2500	193	3 1/2"	
			A3582	25B9 1/2	130	Clear	120/10	CD/2	CC-2V	2500	193	3 1/2"	
S3285			25B9 1/2/F	120	Frosted	500/25	Box	CC-2V	1500	212	3 1/2"		
S3785			25B9 1/2/F	120	Frosted	120/10	CD/2	CC-2V	1500	212	3 1/2"		
A3685			25B9 1/2/F	130	Frosted	500/25	Box	CC-2V	2500	193	3 1/2"		
A3585			25B9 1/2/F	130	Frosted	120/10	CD/2	CC-2V	2500	193	3 1/2"		
S3288			25B9 1/2/W	120	Gloss Wht	500/25	Box	CC-2V	1500	180	3 1/2"		
S3788			25B9 1/2/W	120	Gloss Wht	120/10	CD/2	CC-2V	1500	180	3 1/2"		
A3688			25B9 1/2/W	130	Gloss Wht	500/25	Box	CC-2V	2500	163	3 1/2"		
A3588			25B9 1/2/W	130	Gloss Wht	120/10	CD/2	CC-2V	2500	163	3 1/2"		
S3218			25B9 1/2/B	120	Trans Blue	500/25	Box	CC-2V	1500	-	3 1/2"		
S3219			25B9 1/2/R	120	Trans Red	500/25	Box	CC-2V	1500	-	3 1/2"		
S3813			25B9 1/2/A	120	Trans Amber	500/25	Box	CC-2V	1500	-	3 1/2"		

Customer Service 1-800-43-SATCO

When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



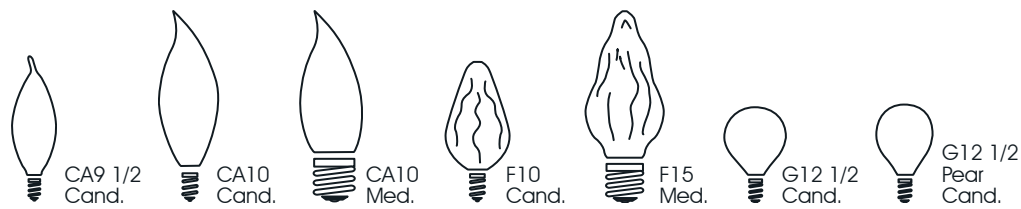
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes	
25		E14/Euro	S3390	25B9 1/2	120	Clear	500/25	Box	CC-2V	1500	210	3 1/2"		
			S4711	25B9 1/2	120	Clear	120/12	CD/2	CC-2V	1500	212	3 1/2"		
			S3380	25B9 1/2/F	120	Frosted	500/25	Box	CC-2V	1500	200	3 1/2"		
			S4714	25B9 1/2/F	120	Frosted	120/10	CD/2	CC-2V	1500	200	3 1/2"		
		Cand.	E14/Euro	S2970	25B10/VLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	220	3 7/8"	3
				S3386	25B10/220V	220	Clear	500/25	Box	CC-2F	1000	200	3 3/4"	
		S3393	25B10/220V	220	Clear	500/25	Box	CC-2F	1000	200	3 3/4"			
		Med.		S3231	25B11	120	Clear	500/25	Box	CC-2V	1500	210	3 7/8"	
				S3731	25B11	120	Clear	120/10	CD/2	CC-2V	1500	210	3 7/8"	
				S4468	KR25B11	120	Clear	500/25	Box	CC-2V	2500	212	3 7/8"	1
				A3631	25B11	130	Clear	500/25	Box	CC-2V	2500	210	3 7/8"	
				A3531	25B11	130	Clear	120/10	CD/2	CC-2V	2500	210	3 7/8"	
				S3234	25B11/F	120	Frosted	500/25	Box	CC-2V	1500	200	3 7/8"	
				S3734	25B11/F	120	Frosted	120/10	CD/2	CC-2V	1500	200	3 7/8"	
				A3634	25B11/F	130	Frosted	500/25	Box	CC-2V	2500	200	3 7/8"	
				A3534	25B11/F	130	Frosted	120/10	CD/2	CC-2V	2500	200	3 7/8"	
				S3237	25B11/W	120	White	500/25	Box	CC-2V	1500	150	3 7/8"	
				S3737	25B11/W	120	White	120/10	CD/2	CC-2V	1500	150	3 7/8"	
				A3637	25B11/W	130	White	500/25	Box	CC-2V	2500	160	3 7/8"	
				A3537	25B11/W	130	White	120/10	CD/2	CC-2V	2500	160	3 7/8"	
					Cand.		S3403	25C11	120	Satin Spun	500/25	Box	C-7A	4000
	S2703	25C11	120				Satin Spun	120/10	CD/1	C-7A	4000	160	4"	
	S3406	25C11/A	120				Amber Spun	500/25	Box	C-7A	4000	-	4"	
	S2706	25C11/A	120				Amber Spun	120/10	CD/1	C-7A	4000	-	4"	
		Med.		S3413	25C15	120	Satin Spun	300/25	Box	C-9	4000	160	4 1/2"	
				S2713	25C15	120	Satin Spun	120/12	CD/1	C-9	4000	160	4 1/2"	
		Cand.		S3274	25CA8	120	Clear	500/25	Box	CC-2V	1500	210	3 5/8"	
				S3774	25CA8	120	Clear	120/10	CD/2	CC-2V	1500	210	3 5/8"	
A3674				25CA8	130	Clear	500/25	Box	CC-2V	2500	210	3 5/8"		
A3574				25CA8	130	Clear	120/10	CD/2	CC-2V	2500	210	3 5/8"		
S3278				25CA8/F	120	Frosted	500/25	Box	CC-2V	1500	200	3 5/8"		
S3778				25CA8/F	120	Frosted	120/10	CD/2	CC-2V	1500	200	3 5/8"		
A3678				25CA8/F	130	Frosted	500/25	Box	CC-2V	2500	200	3 5/8"		
A3578				25CA8/F	130	Frosted	120/10	CD/2	CC-2V	2500	200	3 5/8"		

incandescent lamps








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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



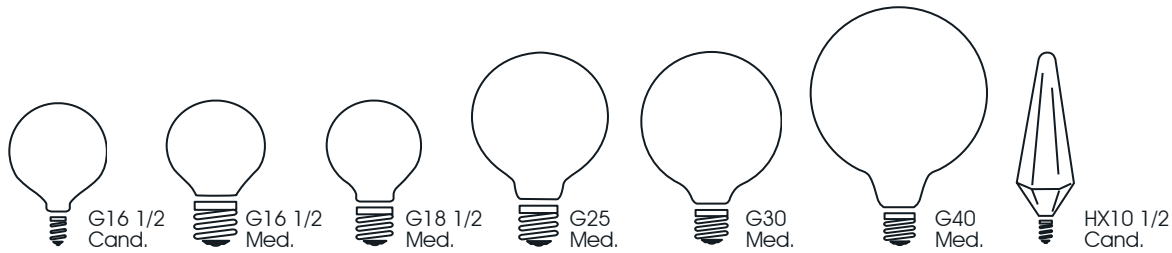
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
25		Cand.	S4465	KR25CA9 1/2	120	Clear	500/25	Box	CC-2V	2500	212	3 15/16"	1
		Cand.	S3868	25CA10/12V	12	Clear	500/25	Box	CC-2V	1500	250	4 1/4"	
		Med.	S3264	25CA10	120	Clear	500/25	Box	CC-2V	1500	210	4 1/4"	
	S3764		25CA10	120	Clear	120/10	CD/2	CC-2V	1500	210	4 1/4"		
	A3664		25CA10	130	Clear	500/25	Box	CC-2V	2500	210	4 1/4"		
	A3564		25CA10	130	Clear	120/10	CD/2	CC-2V	2500	210	4 1/4"		
	S3869		25CA10/12V	12	Clear	500/25	Box	CC-2V	1500	250	4 1/4"		
	S3267		25CA10/F	120	Frosted	500/25	Box	CC-2V	1500	200	4 1/4"		
	S3767		25CA10/F	120	Frosted	120/10	CD/2	CC-2V	1500	200	4 1/4"		
	A3667		25CA10/F	130	Frosted	500/25	Box	CC-2V	2500	200	4 1/4"		
	A3567		25CA10/F	130	Frosted	120/10	CD/2	CC-2V	2500	200	4 1/4"		
		Cand.	S3371	25F10	120	Clear	500/25	Box	C-7A	1500	195	3 1/16"	
	S2771		25F10	120	Clear	120/12	CD/2	C-7A	1500	195	3 1/16"		
	S3372		25F10/W	120	White	500/25	Box	C-7A	1500	185	3 1/16"		
	S2772		25F10/W	120	White	120/12	CD/2	C-7A	1500	185	3 1/16"		
	S3373		25F10/AU	120	Aurora	500/25	Box	C-7A	1500	190	3 1/16"		
	S2773		25F10/AU	120	Aurora	120/12	CD/2	C-7A	1500	190	3 1/16"		
	S3374		25F10/A	120	Amber	500/25	Box	C-7A	1500	-	3 1/16"		
	S2774		25F10/A	120	Amber	120/12	CD/2	C-7A	1500	-	3 1/16"		
		Med.	S3363	25F15	120	Clear	300/25	Box	CC-9	1500	225	4 1/2"	
	S2763		25F15	120	Clear	120/12	CD/2	CC-9	1500	225	4 1/2"		
	S3364		25F15/W	120	White	300/25	Box	CC-9	1500	195	4 1/2"		
	S2764		25F15/W	120	White	120/12	CD/2	CC-9	1500	195	4 1/2"		
	S3365		25F15/AU	120	Aurora	300/25	Box	CC-9	1500	200	4 1/2"		
	S2765		25F15/AU	120	Aurora	120/10	CD/2	CC-9	1500	200	4 1/2"		
S3366	25F15/A		120	Amber	300/25	Box	CC-9	1500	-	4 1/2"			
	Cand.	S3846	25G12 1/2	120	Clear	500/25	Box	C-7A	1500	180	2 3/8"		
	Cand. Pear	S3863	25G12 1/2/W	120	Sat. White	500/25	Box	C-7A	1500	180	2 3/8"		
S3751		25G12 1/2/W	120	Sat. White	120/10	CD/2	C-7A	1500	202	2 3/8"			

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Incandescent Lamps



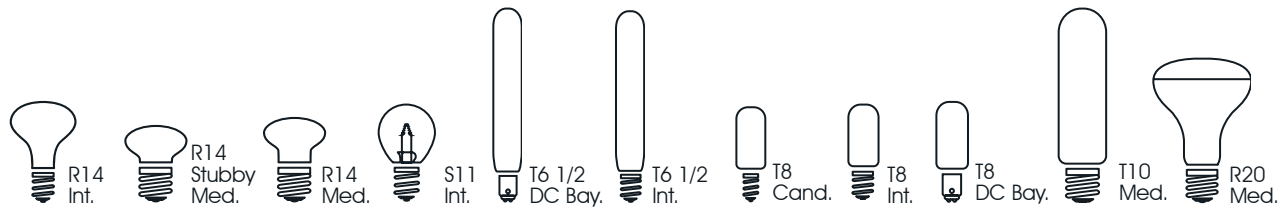
Incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes			
25		Cand.	S3822	25G16 1/2	120	Clear	500/25	Box	C-7A	1500	232	3"				
			S3727	25G16 1/2	120	Clear	120/10	CD/2	C-7A	1500	232	3"				
			S4471	KR25G16 1/2	120	Clear	500/25	Box	CC-2V	2500	212	3"				
			A3922	25G16 1/2	130	Clear	500/25	Box	C-7A	2500	186	3"				
			A3522	25G16 1/2	130	Clear	120/10	CD/2	C-7A	2500	186	3"				
			S3825	25G16 1/2/W	120	Sat. White	500/25	Box	C-7A	1500	202	3"				
			S3753	25G16 1/2/W	120	Sat. White	120/2	CD/2	C-7A	1500	202	3"				
			A3925	25G16 1/2/W	130	Sat. White	500/25	Box	C-7A	2500	162	3"				
			A3525	25G16 1/2/W	130	Sat. White	120/10	CD/2	C-7A	2500	162	3"				
			S3260	25G16 1/2/W	120	Gloss Wht	500/25	Box	C-7A	1500	175	3"				
			S2975	25G16 1/2/MLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	220	3"	3			
			S3244	25G16 1/2/SL	120	Silver Crown	500/25	Box	CC-2V	1500	232	3"				
					Med.	S3838	25G16 1/2	120	Clear	500/25	Box	CC-2V	1500	210	3 1/4"	
						S3841	25G16 1/2	120	Gloss Wht	500/25	Box	CC-2V	1500	160	3 1/4"	
		Med.	S3887	25G18 1/2	120	Clear	250/25	Box	C-9	1500	158	3 1/2"				
			S3827	25G18 1/2/W	120	Gloss Wht	250/25	Box	C-9	1500	120	3 1/2"				
		Med.	S3447	25G25	120	Clear	72/6	Box	CC-9	2500	212	4 3/8"				
			A3647	25G25	130	Clear	72/6	Box	CC-9	3000	193	4 3/8"				
			S3440	25G25/W	120	Gloss Wht	72/6	Box	CC-9	2500	187	4 3/8"				
			A3640	25G25/W	130	Gloss Wht	72/6	Box	CC-9	3000	167	4 3/8"				
			S3860	25G25/SL	120	Silver Crown	72/6	Box	CC-9	1500	170	4 3/8"				
		Med.	S3651	25G30	120	Clear	72/6	Box	CC-9	2500	212	5 1/8"				
			S3653	25G30/W	120	Gloss Wht	72/6	Box	CC-9	2500	187	5 1/8"				
		Med.	S3010	25G40	120	Clear	24/6	Box	C-9	4000	120	6 3/4"				
			S3000	25G40/W	120	Gloss Wht	24/6	Box	C-9	4000	110	6 3/4"				
		Cand.	S3744	25HX10 1/2	120	Clear	120/12	CD/2	C-7A	1500	175	4 15/16"				
			S3746	25HX10 1/2/F	120	Frosted	120/12	CD/2	C-7A	1500	175	4 15/16"				
			S3748	25HX10 1/2/AU	120	Aurora	120/12	CD/2	C-7A	1500	175	4 15/16"				

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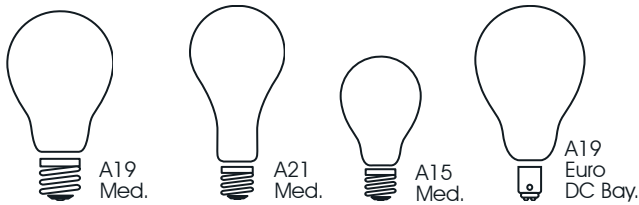
Incandescent Lamps



Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
25		Int.	S3205	25R14N	120	Clear	500/25	Box	CC-2V	1500	135	2 5/8"	
			S4700	25R14N	120	Clear	120/10	CD/1	CC-2V	1500	135	2 5/8"	
		Med.	S3601	25R14	120	Clear	500/25	Box	CC-2V	1500	135	2 1/4"	
			S3604	25R14	120	Clear	500/25	Box	CC-2V	1500	135	2 5/8"	
		Med.	S4704	25R14	120	Clear	120/10	CD/1	CC-2V	1500	135	2 5/8"	
			S3630	25S11/N	115/125	Clear	600/10	Box	CC-2V	1500	210	2 3/8"	
		DC Bay.	S3248	25T6 1/2/DC	130	Clear	500/25	Box	C-8	1500	180	5 3/8"	
			S3711	25T6 1/2/DC	130	Clear	120/10	CD/1	C-8	1500	180	5 3/8"	
			S3249	25T6 1/2/DC/F	130	Frosted	500/25	Box	C-8	1500	170	5 3/8"	
			S3713	25T6 1/2/DC/F	130	Frosted	120/10	CD/1	C-8	1500	170	5 3/8"	
		Int.	S3222	25T6 1/2N	130	Clear	500/25	Box	C-8	1500	180	5 3/8"	
			S3708	25T6 1/2N	130	Clear	120/10	CD/1	C-8	1500	180	5 3/8"	
			S3223	25T6 1/2N/F	130	Frosted	500/25	Box	C-8	1500	170	5 3/8"	
			S3709	25T6 1/2N/F	130	Frosted	120/10	CD/1	C-8	1500	170	5 3/8"	
		Cand.	S3907	25T8/C	130	Clear	120/10	Sleeve/10	C-5A	2500	190	2 5/8"	
			Int.	S3908	25T8/N	130	Clear	120/10	Sleeve/10	C-5A	2500	190	2 5/8"
S4720		25T8/N		130	Clear	120/12	CD/1	C-5A	2500	190	2 5/8"		
DC Bay.		S3909		25T8/DC	130	Clear	120/10	Sleeve/10	C-5A	2500	190	2 5/8"	
		S4721		25T8/DC	130	Clear	120/12	CD/1	C-5A	2500	190	2 5/8"	
		Med.	S3250	25T10	120	Clear	500/25	Box	C-5V	1000	210	5 3/16"	
	S3700		25T10	120	Clear	120/10	CD/1	C-5V	1000	210	5 3/16"		
	S3251		25T10/F	120	Frosted	500/25	Box	C-5V	1000	200	5 3/16"		
	S3701		25T10/F	120	Frosted	120/10	CD/1	C-5V	1000	200	5 3/16"		
30		Med.	S3210	30R20	120	Frosted	96/12	Sleeve	CC-9	2000	185	4"	
			S2810	30R20	130	Frosted	96/12	Sleeve	CC-9	2000	185	4"	

incandescent lamps

Incandescent Lamps



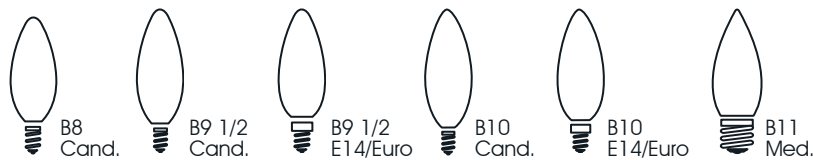
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
30/ 70/ 100	A19 	Med.	S1824	30/100A19/W <i>Reduced Size</i>	120	White	36/12	Sleeve	CC-8	2500	250/ 700/ 950	4 1/8"	
	A21 	Med.	S1820	30/100A21/W	120	White	36/12	Sleeve	CC-2V/ C-9	2500	250/ 700/ 950	5 1/16"	
34		Med.	S4460 ▲	40A/34/SS	120	Frosted	48	4pk	CC-8	1500	385	4 7/16"	
			S4990 ▲	40A/34/SS	130	Frosted	48	4pk	CC-8	1500	375	4 7/16"	
40		Med.	S3810	40A15/CL	130	Clear	500/25	Box	C-9	2500	290	3 1/2"	
			S3720	40A15/CL	130	Clear	240/20	CD/1	C-9	2500	290	3 1/2"	
			S3811	40A15/F	130	Frosted	500/25	Box	C-9	2500	280	3 1/2"	
			S3721	40A15/F	130	Frosted	240/20	CD/1	C-9	2500	280	3 1/2"	
			S4881	40A15/TF	130	Frost ShatterPrf	500/25	Box	C-9	2500	280	3 1/2"	4
			S2976 ■	40A15/MLX	120	Nat Day Frost	50/10	CD/1	C-9	5000	300	3 1/2"	3
		Med	S6041	40A19/CL	120	Clear	120	2pk	C-9	2500	340	4 1/8"	
			S3941	40A19/CL	130	Clear	120	2pk	C-9	2500	320	4 1/8"	
			S4020	40A19/CL	130	Clear	30 4pk	4pk	C-9	1000	320	4 1/8"	
			S6051	40A19/F	120	Frosted	120	2pk	C-9	2500	340	4 1/8"	
			S1711	40A19/F	120	Frosted	48	4pk	C-9	1500	340	4 1/8"	
			S3951	40A19/F	130	Frosted	120	2pk	C-9	2500	320	4 1/8"	
			S1810	40A19/W	120	White	48	4pk	C-9	1500	280	4 1/8"	
			S3991	40A19/W	130	White	40 3pk	3pk	C-9	1250	288	4 1/8"	
			S4010	40A19/W	130	White	30 4pk	4pk	C-9	1000	288	4 1/8"	
			S3859	40A/Bug	130	Yellow	24	2pk	C-9	2000	-	4 1/8"	
			S4980	40A/R	130	Cer Red	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S4981	40A/B	130	Cer Blue	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S4982	40A/G	130	Cer Grn	24/12	Sleeve	C-9	1000	-	4 1/8"	
			S4983	40A/Y	130	Cer Yellow	24/12	Sleeve	C-9	1000	-	4 1/8"	
S4076	40A19/W/230V	230	White	120	Box	CC-2F	2500	330	4 1/8"				
	Euro DC Bay.	S5030	40A19/F	130	Frosted	120	Box	CC-6	2500	330	4 1/8"		
		S5040	40A19/F/220V	220	Frosted	120	Box	CC-2F	2500	330	4 1/8"		

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Incandescent Lamps

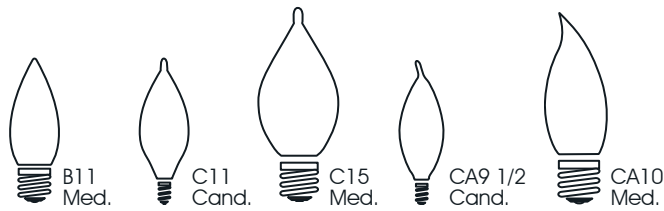


Watts	Bulb	Base	Safco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
40	B8	Cand.	S3347	40B8/Petite	130	Clear	500/25	Box	CC-2V	1500	384	3"	
	B9 1/2	Cand.	S3283	40B9 1/2	120	Clear	500/25	Box	CC-2V	1500	384	3 1/2"	
	S3783	40B9 1/2	120	Clear	120/10	CD/2	CC-2V	1500	384	3 1/2"			
	S4996	KR40B9 1/2	120	Clear	500/25	Box	CC-2V	2500	380	3 7/8"	1		
	S3717	KR40B9 1/2	120	Clear	120/10	CD/2	CC-2V	2500	380	3 7/8"	1		
	A3683	40B9 1/2	130	Clear	500/25	Box	CC-2V	2500	384	3 1/2"			
	A3583	40B9 1/2	130	Clear	120/10	CD/2	CC-2V	2500	384	3 1/2"			
	S3286	40B9 1/2/F	120	Frosted	500/25	Box	CC-2V	1500	384	3 1/2"			
	S3786	40B9 1/2/F	120	Frosted	120/10	CD/2	CC-2V	1500	384	3 1/2"			
	A3686	40B9 1/2/F	130	Frosted	500/25	Box	CC-2V	2500	384	3 1/2"			
	A3586	40B9 1/2/F	130	Frosted	120/10	CD/2	CC-2V	2500	384	3 1/2"			
	S3289	40B9 1/2/W	120	White	500/25	Box	CC-2V	1500	328	3 1/2"			
	S3789	40B9 1/2/W	120	White	120/10	CD/2	CC-2V	1500	328	3 1/2"			
	A3689	40B9 1/2/W	130	White	500/25	Box	CC-2V	2500	328	3 1/2"			
	A3589	40B9 1/2/W	130	White	120/10	CD/2	CC-2V	2500	328	3 1/2"			
	S3725	40B9 1/2/DIA	120	Cl. Crystal Cut	120/10	CD/2	CC-2V	1500	370	3 7/8"			
	S3818	40B9 1/2/A	120	Trans Amber	500/25	Box	CC-2V	1500	-	3 1/2"			
	E14 Euro.	S3391	40B9 1/2	120	Clear	500/25	Box	CC-2V	1500	370	3 1/2"		
	S4712	40B9 1/2	120	Clear	120/10	CD/2	CC-2V	1500	370	3 1/2"			
	S3381	40B9 1/2/F	120	Frosted	500/25	Box	CC-2V	1500	360	3 1/2"			
	S4715	40B9 1/2/F	120	Frosted	120/10	CD/2	CC-2V	1500	360	3 1/2"			
	B10	Cand.	S2971	40B10/VLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	370	3 7/8"	3
	S3387	40B10/220V	220	Clear	500/25	Box	CC-2F	1000	330	3 3/4"			
	S3385	40B10/F/220V	220	Frosted	500/25	Box	CC-2F	1000	330	3 3/4"			
	E14/Euro.	S3394	40B10/220V	220	Clear	500/25	Box	CC-2F	1000	330	3 3/4"		
	B10/B11	Med.	S3232	40B11	120	Clear	500/25	Box	CC-2V	1500	370	3 7/8"	
	S3732	40B11	120	Clear	120/10	CD/2	CC-2V	1500	370	3 7/8"			
	S4469	KR40B11	120	Clear	500/25	Box	CC-2V	2500	380	3 7/8"	1		
S4740	40B10/FAN	120	Fan Bulb Clear	120/12	CD/2	CC-2V	2000	370	3 7/8"				

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Incandescent Lamps



incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes			
40		Med.	A3632	40B11	130	Clear	500/25	Box	CC-2V	2500	370	3 7/8"				
			A3532	40B11	130	Clear	120/10	CD/2	CC-2V	2500	370	3 7/8"				
			S3235	40B11/F	120	Frosted	500/25	Box	CC-2V	1500	360	3 7/8"				
			S3735	40B11/F	120	Frosted	120/10	CD/2	CC-2V	1500	360	3 7/8"				
			S4742	40B10/FAN/F	120	Fan Bulb Frosted	120/12	CD/2	CC-2V	2000	360	3 7/8"				
			A3635	40B11/F	130	Frosted	500/25	Box	CC-2V	2500	360	3 7/8"				
			A3535	40B11/F	130	Frosted	120/10	CD/2	CC-2V	2500	360	3 7/8"				
			S3238	40B11/W	120	White	500/25	Box	CC-2V	1500	330	3 7/8"				
			S3738	40B11/W	120	White	120/10	CD/2	CC-2V	1500	330	3 7/8"				
			A3638	40B11/W	130	White	500/25	Box	CC-2V	2500	320	3 7/8"				
			A3538	40B11/W	130	White	120/10	CD/2	CC-2V	2500	320	3 7/8"				
			S3384	40B11/230V	230	Clear	500/25	Box	CC-2F	1000	370	3 7/8"				
					Cand.	S3404	40C11	120	Satin Spun	500/25	Box	C-7A	4000	316	4"	
						S2704	40C11	120	Satin Spun	120/12	CD/1	C-7A	4000	316	4"	
		Med.	S3414	40C15	120	Satin Spun	300/25	Box	C-7A	4000	316	4 1/2"				
			S2714	40C15	120	Satin Spun	120/12	CD/1	C-7A	4000	316	4 1/2"				
			S3416	40C15/A	120	Amber Spun	300/25	Box	C-7A	4000	-	4 1/2"				
			S2716	40C15/A	120	Amber Spun	120/12	CD/1	C-7A	4000	-	4 1/2"				
		Cand.	S3275	40CA9 1/2	120	Clear	500/25	Box	CC-2V	1500	370	3 7/8"				
			S3775	40CA9 1/2	120	Clear	120/10	CD/2	CC-2V	1500	370	3 7/8"				
			S4466	KR40CA9 1/2	120	Clear	500/25	Box	CC-2V	2500	380	3 15/16"	1			
			A3675	40CA9 1/2	130	Clear	500/25	Box	CC-2V	2500	370	3 15/16"				
			A3575	40CA9 1/2	130	Clear	120/10	CD/2	CC-2V	2500	370	3 15/16"				
			S3279	40CA9 1/2/F	120	Frosted	500/25	Box	CC-2V	1500	384	3 15/16"				
			S3779	40CA9 1/2/F	120	Frosted	120/10	CD/2	CC-2V	1500	384	3 15/16"				
			A3679	40CA9 1/2/F	130	Frosted	500/25	Box	CC-2V	2500	350	3 15/16"				
			A3579	40CA9 1/2/F	130	Frosted	120/10	CD/2	CC-2V	2500	350	3 15/16"				
				Med.	S3265	40CA10	120	Clear	500/25	Box	CC-2V	1500	370	4 1/4"		
	S3765	40CA10			120	Clear	120/10	CD/2	CC-2V	1500	370	4 1/4"				
	A3665	40CA10			130	Clear	500/25	Box	CC-2V	2500	370	4 1/4"				
	A3565	40CA10			130	Clear	120/10	CD/2	CC-2V	2500	370	4 1/4"				
	S3268	40CA10/F			120	Frosted	500/25	Box	CC-2V	1500	360	4 1/4"				
	S3768	40CA10/F			120	Frosted	120/10	CD/2	CC-2V	1500	360	4 1/4"				
	A3668	40CA10/F			130	Frosted	500/25	Box	CC-2V	2500	360	4 1/4"				
	A3568	40CA10/F			130	Frosted	120/10	CD/2	CC-2V	2500	360	4 1/4"				

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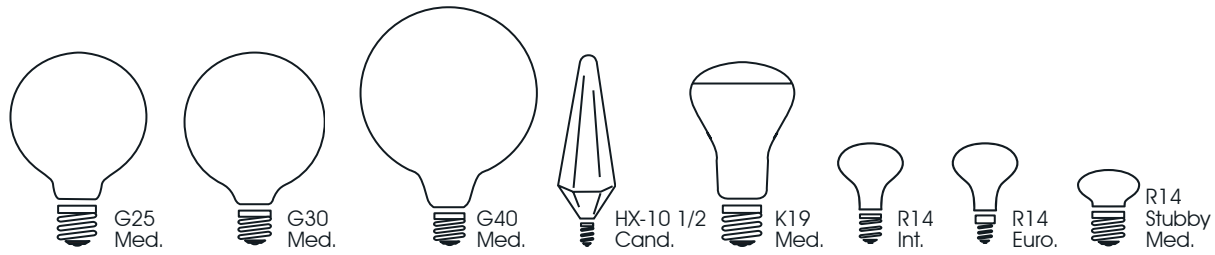
Incandescent Lamps



incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes	
40		Med.	S3367	40F15	120	Clear	300/25	Box	CC-9	1500	420	4 1/2"		
			S2767	40F15	120	Clear	120/12	CD/2	CC-9	1500	420	4 1/2"		
			S3368	40F15/W	120	White	300/25	Box	CC-9	1500	372	4 1/2"		
			S2768	40F15/W	120	White	120/12	CD/2	CC-9	1500	372	4 1/2"		
			S3369	40F15/AU	120	Aurora	300/25	Box	CC-9	1500	420	4 1/2"		
			S2769	40F15/AU	120	Aurora	120/12	CD/2	CC-9	1500	420	4 1/2"		
			S3370	40F15/A	120	Amber	300/25	Box	CC-9	1500	-	4 1/2"		
			S2770	40F15/A	120	Amber	120/12	CD/2	CC-9	1500	-	4 1/2"		
		G12 1/2	Cand.	S3847	40G12 1/2	120	Clear	500/25	Box	C-7A	1500	370	2 3/8"	
		G14	E14/Euro.	S3397	40G14	130	Clear	500/25	Box	CC-9	1000	360	3 1/8"	
	S4707			40G14	130	Clear	120/10	CD/2	CC-9	1000	360	3 1/8"		
	S3398			40G14/W	120	Gloss Wht	500/25	Box	CC-9	1000	320	3 1/8"		
	S4708			40G14/W	130	Gloss Wht	120/10	CD/2	CC-9	1000	320	3 1/8"		
		G16 1/2	Cand.	S3823	40G16 1/2	120	Clear	500/25	Box	CC-2V	1500	384	3"	
	S3728			40G16 1/2	120	Clear	120/10	CD/2	CC-2V	1500	384	3"		
	S4472			KR40G16 1/2	120	Clear	500/25	Box	CC-2V	2500	380	3"		
	A3923			40G16 1/2	130	Clear	500/25	Box	CC-2V	2500	360	3"		
	A3523			40G16 1/2	130	Clear	120/10	CD/2	CC-2V	2500	360	3"		
	S3826			40G16 1/2/W	120	Sat. White	500/25	Box	CC-2V	1500	348	3"		
	S3754			40G16 1/2/W	120	Sat. White	120/10	CD/2	CC-2V	1500	348	3"		
	A3926			40G16 1/2/W	130	Sat. White	500/25	Box	CC-2V	2500	325	3"		
	A3526			40G16 1/2/W	130	Sat. White	120/10	CD/2	CC-2V	2500	325	3"		
	S3261			40G16 1/2/W	120	Gloss Wht	500/25	Box	CC-2V	1500	348	3"		
	S2974			40G16 1/2/MLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	370	3"	3	
	S3245			40G16 1/2/SL	120	Silver Crown	500/25	Box	CC-2V	1500	384	3"		
			Med.	S3839	40G16 1/2	120	Clear	500/25	Box	CC-2V	1500	370	3 1/4"	
	S3842			40G16 1/2/W	120	Gloss Wht	500/25	Box	CC-2V	1500	320	3 1/4"		
			Med.	S3967	40G17/IF	130	Inside Frst	500/25	Box	CC-9	1000	348	3 1/8"	
S4709	40G17/IF			130	Inside Frst	120/10	CD/1	CC-9	1000	348	3 1/8"			
S3968	40G17/W			130	Gloss Wht	500/25	Box	CC-9	1000	348	3 1/8"			
S4710	40G17/W			130	Gloss Wht	120/10	CD/1	CC-9	1000	348	3 1/8"			
		Med.	S3888	40G18 1/2	120	Clear	250/25	Box	C-9	1500	368	3 1/2"		
S3828			40G18 1/2/W	120	Gloss Wht	250/25	Box	C-9	1500	280	3 1/2"			

Incandescent Lamps



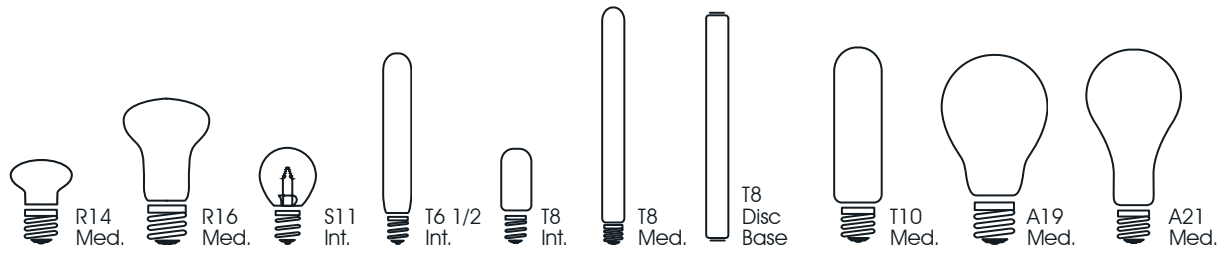
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
40		Med.	S3448	40G25	120	Clear	72/6	Box	CC-9	2500	384	4 3/8'	
			S4048	40G25/3PK	120	Clear	40 3pk	3pk	CC-9	2500	384	4 3/8'	
			A3648	40G25	130	Clear	72/6	Box	CC-9	3000	360	4 3/8'	
			A4148	40G25/3PK	130	Clear	40 3pk	3pk	CC-9	3000	360	4 3/8'	
			A3644	40G25/220V	220	Clear	72/6	Box	CC-9	2500	212	4 3/8'	
			S3441	40G25/W	120	Gloss Wht	72/6	Box	CC-9	2500	340	4 3/8'	
			S4041	40G25/W/3PK	120	Gloss Wht	40 3pk	3pk	CC-9	2500	340	4 3/8'	
			A3641	40G25/W	130	Gloss Wht	72/6	Box	CC-9	3000	320	4 3/8'	
			A4141	40G25/W/3PK	130	Gloss Wht	40 3pk	3pk	CC-9	3000	320	4 3/8'	
			A3645	40G25/W/220V	220	Gloss Wht	72/6	Box	CC-9	2500	187	4 3/8'	
			S3861	40G25/SL	120	Silver Crown	72/6	Box	CC-9	1500	280	4 3/8'	
			S4815	40G25/VLX	120	Nat Day Frost	50/10	Box	C-9	5000	320	4 3/8'	3
		Med.	S3652	40G30	120	Clear	72/6	Box	CC-9	2500	384	5 1/8"	
			S3671	40G30/W	120	Gloss Wht	72/6	Box	CC-9	2500	320	5 1/8"	
		Med.	S3011	40G40	120	Clear	24/6	Box	C-9	4000	300	6 3/4"	
			S3001	40G40/W	120	Gloss Wht	24/6	Box	C-9	4000	280	6 3/4"	
		Cand.	S3745	40HX10 1/2	120	Clear	120/12	CD/2	C-7A	1500	360	4 1/2"	
			S3747	40HX10 1/2/F	120	Frosted	120/12	CD/2	C-7A	1500	360	4 15/16"	
			S3749	40HX10 1/2/AU	120	Aurora	120/12	CD/2	C-7A	1500	360	4 15/16"	
		Med.	S4976	40K19/2PK	120	White	12 2pk	2pk	C-9	1500	260	4 1/8"	
		Int.	S3215	40R14N	120	Clear	500/25	Box	CC-2V	1500	280	2 5/8"	
			S4701	40R14N	120	Clear	120/10	CD/1	CC-2V	1500	280	2 5/8"	
		E14/Euro.	S3396	40R14/E14	130	Clear	500/25	Box	CC-2V	1500	280	2 5/8"	
			S4706	40R14/E14	130	Clear	120/10	CD/1	CC-2V	1500	280	2 5/8"	
		Med	S3602	40R14	120	Clear	500/25	Box	CC-2V	1500	280	2 1/4"	

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Incandescent Lamps

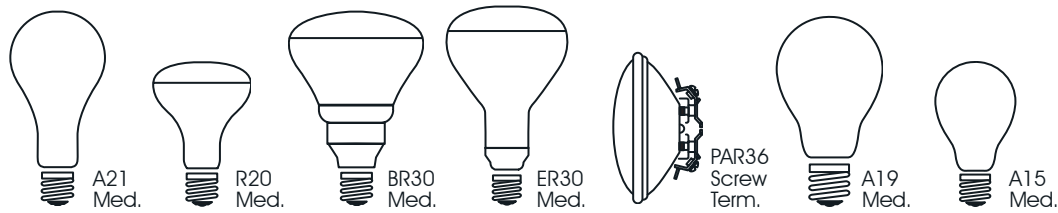


Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
40		Med	S3605	40R14	120	Clear	500/25	Box	CC-2V	1500	280	2 5/8"	
			S4705	40R14	120	Clear	120/10	CD/1	CC-2V	1500	280	2 5/8"	
		Med.	S3214	40R16	120	Frosted	500/25	Box	C-9	1500	280	3 7/16"	
			S4702	40R16	120	Frosted	120/10	CD/1	C-9	1500	280	3 7/16"	
		Int.	S3629	40S11/N	115/125	Clear	600/10	Box	CC-2V	1500	370	2 3/8"	
			S3729	40S11/N	115/125	Clear	240/20	CD/1	CC-2V	1500	370	2 3/8"	
		Int.	S3224	40T6 1/2/N	130	Clear	500/25	Box	C-8	1500	350	5 3/8"	
			S3710	40T6 1/2/N	130	Clear	120/10	CD/1	C-8	1500	350	5 3/8"	
			S3225	40T6 1/2/N/F	130	Frosted	500/25	Box	C-8	1500	340	5 3/8"	
			S3712	40T6 1/2/N/F	130	Frosted	120/10	CD/1	C-8	1500	340	5 3/8"	
		Int.	S3917	40T8N	130	Microwave Clear	120/10	CD/1	CC-2V	2000		2 5/8"	
			Med	S2977	40T8	130	Clear Showcase	10	Box	C-8	2000	265	12"
		Disc Base	S2980	L40	120	Clear Lumiline	24	Sleeve	C-8	1500	325	11 3/4"	
			S2981	L40/W	120	White Lumiline	12	Sleeve	C-8	1500	295	11 3/4"	
		Med.	S3252	40T10	120	Clear	500/25	Box	C-5V	1000	300	5 5/8"	
			S3702	40T10	120	Clear	120/10	CD/1	C-5V	1000	300	5 5/8"	
S3253			40T10/F	120	Frosted	500/25	Box	C-5V	1000	290	5 5/8"		
S3703			40T10/F	120	Frosted	120/10	CD/1	C-5V	1000	290	5 5/8"		
50		Med.	S5011	50A19/F/12V	12	Frosted	120/6	Box	C-6	1500	540	4 1/8"	
			S5021	50A19/F/34V	34	Frosted	120/6	Box	C-6	1500	540	4 1/8"	
			S3969	50A/RS	130	Frosted	24	2pk	C-9	2500	320	4 1/8"	
50/ 100/ 150		Med.	S1821	50/150A21/W	120	White	36/12	Sleeve	CC-2V/ C-9	2500	520/ 1050/ 1570	5 5/16"	
			S2985	50/150A21/PK	120	Soft Pink 3-way	12	Sleeve	CC-8	1200	-	5 5/16"	
			S4823	50/150A21/MLX	120	Nat Day Frost	50/10	Box	C-9	5000	350/ 910/ 1260	5 5/16"	3

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Incandescent Lamps



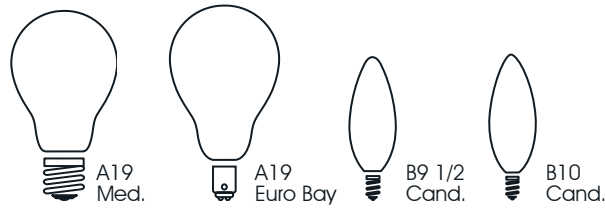
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
50/ 200/ 250		Med.	S1823 ▲	50/250A21/W	120	White	12	Sleeve	C-9	1500	640/ 3300/ 3940	5 5/16"	
50		Med.	S3204	50R20	120	Frosted	96/12	Sleeve	CC-9	2000	375	4"	
			S3804	50R20	130	Frosted	96/12	Sleeve	CC-9	2000	375	4"	
			S4886	50R20/TF	120	Frosted ShatterPrf	96/12	Sleeve	CC-9	2000	375	4"	4
			S3200	50R20/R	130	Red	96/12	Sleeve	CC-9	2000	-	4"	
			S3201	50R20/G	130	Green	96/12	Sleeve	CC-9	2000	-	4"	
			S3202	50R20/B	130	Blue	96/12	Sleeve	CC-9	2000	-	4"	
			S3203	50R20/A	130	Amber	96/12	Sleeve	CC-9	2000	-	4"	
			S3212	50R20/PK	130	Pink	96/12	Sleeve	CC-9	2000	-	4"	
	S2850	50R20/GRO	120	Blue	96/12	Box	C-9	2000	-	4"			
		Med.	S3259	50BR30/FL	120	Frosted	96/12	Sleeve	CC-9	2000	550	5 3/8"	
		Med.	S4956	50ER30	130	Frosted	24	Sleeve	CC-6	2000	310	6 1/8"	
		Screw Term.	S4805 ▲	50PAR36/NSP	12	Clear	12	Box	C-6	2000	330	2 3/4"	
			S4804 ▲	50PAR36/WFL	12	Clear	12	Box	C-6	2000	330	2 3/4"	
52		Med.	S4461 ▲	60A/52/SS	120	Frosted	48	4pk	CC-8	1500	745	4 7/16"	
			S4991 ▲	60A/52/SS	130	Frosted	48	4pk	CC-8	1500	740	4 7/16"	
60		Med.	S3870	60A15/CL	130	Clear	500/25	Box	C-9	2500	580	3 1/2"	
			S3739	60A15/CL	130	Clear	240/20	CD/1	C-9	2500	580	3 1/2"	
			S3871	60A15/F	130	Frosted	500/25	Box	C-9	2500	530	3 1/2"	
			S3740	60A15/F	130	Frosted	240/20	CD/1	C-9	2500	530	3 1/2"	
			S4882	60A15/TF	130	Frosted ShatterPrf	500/25	Box	C-9	2500	530	3 1/2"	


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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
60		Med.	S6042	60A19/CL	120	Clear	120	2pk	C-9	2500	610	4 1/8"	
			S3942	60A19/CL	130	Clear	120	2pk	C-9	2500	580	4 1/8"	
			S4021	60A19/CL	130	Clear	30 4pks	4pk	C-9	1000	640	4 1/8"	
			S6052	60A19/F	120	Frosted	120	2pk	C-9	2500	610	4 1/8"	
			S1712	60A19/F	120	Frosted	48	4pk	C-9	1500	610	4 1/8"	
			S3952	60A19/F	130	Frosted	120	2pk	C-9	2500	580	4 1/8"	
			S1811	60A19/W	120	White	48	4pk	C-9	1500	550	4 1/8"	
			S3992	60A19/W	120	White	40 3pks	3pk	C-9	1250	576	4 1/8"	
			S4011	60A19/W	130	White	30 4pks	4pk	C-9	1000	576	4 1/8"	
			S4817	60A19/CL/VLX	120	Nat Day Clear	50/10	Box	C-9	5000	465	4 1/8"	3
			S4816	60A19/VLX	120	Nat Day Frost	50/10	Box	C-9	5000	465	4 1/8"	3
			S2992	60A19TS/8M/SS	120	Clear Extra Long Life	120/6	Sleeve	C-11V	8000	595	4 7/16"	2
	S2984	60A/SPK	120	Soft Pink	24	Sleeve	CC-8	1000	-	4 7/16"			
	S2991	60A/GRO	120	GRO	6	Sleeve	C-9	1000	-	4 7/16"			
	S3938	60A/Bug	130	Yellow	24	2pk	C-9	2000	-	4 1/8"			
	S3927	60A/RS/TF/2PK	130	Frost ShatterPrf	12 2pks	2pk	C-9	5000	520	4 1/8"	4		
	S3955	60A/SL	130	Silver Crown	24	Box	C-9	1500	580	4 1/8"			
	S4984	60A/R	130	Cer Red	24/12	Sleeve	C-9	1000	-	4 1/8"			
	S4985	60A/B	130	Cer Blue	24/12	Sleeve	C-9	1000	-	4 1/8"			
	S4986	60A/G	130	Cer Green	24/12	Sleeve	C-9	1000	-	4 1/8"			
	S4987	60A/Y	130	Cer Yel	24/12	Sleeve	C-9	1000	-	4 1/8"			
	S4077	60A19/W/230V	230	White	120	Box	CC-2F	2500	630	4 1/8"			
	S5031	60A19/F	130	Frosted	120	Box	CC-6	2500	630	4 1/8"			
	S5041	60A19/F/230V	230	Frosted	120	Box	CC-2F	2500	630	4 1/8"			
	S3819	60B9 1/2/A	120	Trans. Amber	500/25	Box	CC-2V	1500	-	3 1/2"			
	S3284	60B10	120	Clear	500/25	Box	CC-2V	1500	672	3 3/4"			
	S3784	60B10	120	Clear	120/10	CD/2	CC-2V	1500	672	3 3/4"			
	S4997	KR60B10	120	Clear	500/25	Box	CC-2V	2500	720	3 7/8"	1		
	S3718	KR60B10	120	Clear	120/10	CD/2	CC-2V	2500	720	3 7/8"	1		
	A3684	60B10	130	Clear	500/25	Box	CC-2V	2500	642	3 3/4"			
A3584	60B10	130	Clear	120/10	CD/2	CC-2V	2500	642	3 3/4"				
S3287	60B10/F	120	Frosted	500/25	Box	CC-2V	1500	672	3 3/4"				
S3787	60B10/F	120	Frosted	120/10	CD/2	CC-2V	1500	672	3 3/4"				
A3687	60B10/F	130	Frosted	500/25	Box	CC-2V	2500	642	3 3/4"				
A3587	60B10/F	130	Frosted	120/10	CD/2	CC-2V	2500	642	3 3/4"				
S3290	60B10/W	120	White	500/25	Box	CC-2V	1500	630	3 3/4"				

SHATTER PROOF

Euro Bay

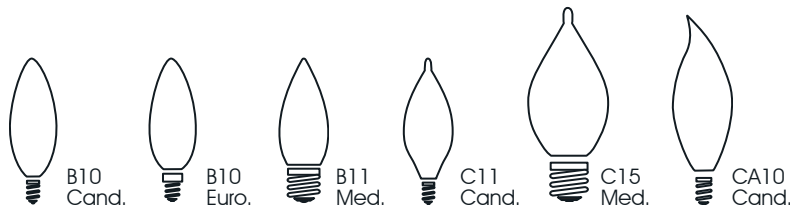
B9 1/2 Cand.

B10 Cand.

Customer Service 1-800-43-SATCO

When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



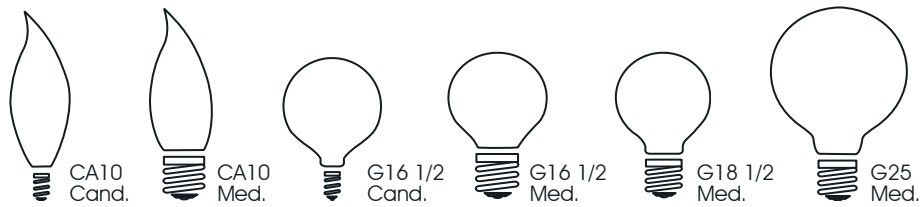
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
60		Cand.	S3790	60B10/W	120	White	120/10	CD/2	CC-2V	1500	630	3 3/4"	
			A3690	60B10/W	130	White	500/25	Box	CC-2V	2500	564	3 3/4"	
			A3590	60B10/W	130	White	120/10	CD/2	CC-2V	2500	564	3 3/4"	
			S2972	60B10/VLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	650	3 7/8"	3
			S3388	60B10/220V	220	Clear	500/25	Box	CC-2F	1000	650	3 3/4"	
		E14 Euro	S3392	60B10	120	Clear	500/25	Box	CC-2V	1500	650	3 3/4"	
			S4713	60B10	120	Clear	120/10	CD/2	CC-2V	1500	650	3 3/4"	
			S3382	60B10/F	120	Frosted	500/25	Box	CC-2V	1500	640	3 3/4"	
			S4716	60B10/F	120	Frosted	120/10	CD/2	CC-2V	1500	640	3 3/4"	
			S3293	60B11	120	Clear	500/25	Box	CC-2V	1500	650	3 7/8"	
		B10/B11 Med.	S3793	60B11	120	Clear	120/10	CD/2	CC-2V	1500	650	3 7/8"	
			S4470	KR60B11	120	Clear	500/25	Box	CC-2V	2500	720	3 7/8"	1
			S4741	60B10/FAN	120	Fan Bulb Clear	120/10	CD/2	CC-2V	2000	650	3 7/8"	
			A3693	60B11	130	Clear	500/25	Box	CC-2V	2500	650	3 7/8"	
			A3593	60B11	130	Clear	120/10	CD/2	CC-2V	2500	650	3 7/8"	
			S3296	60B11/F	120	Frosted	500/25	Box	CC-2V	1500	640	3 7/8"	
			S3796	60B11/F	120	Frosted	120/10	CD/2	CC-2V	1500	640	3 7/8"	
			S4743	60B10/FAN/F	120	Fan Bulb Frosted	120/10	CD/2	CC-2V	2000	640	3 7/8"	
			A3696	60B11/F	130	Frosted	500/25	Box	CC-2V	2500	640	3 7/8"	
			A3596	60B11/F	130	Frosted	120/10	CD/2	CC-2V	2500	640	3 7/8"	
			S3299	60B11/W	120	White	500/25	Box	CC-2V	1500	580	3 7/8"	
			S3799	60B11/W	120	White	120/10	CD/2	CC-2V	1500	580	3 7/8"	
			A3699	60B11/W	130	White	500/25	Box	CC-2V	2500	550	3 7/8"	
			A3599	60B11/W	130	White	120/10	CD/2	CC-2V	2500	550	3 7/8"	
				C11 Cand.	S3405	60C11	120	Satin Spun	500/25	Box	C-7A	4000	606
	S2705	60C11			120	Satin Spun	120/12	CD/2	C-7A	4000	606	4"	
		C15 Med.	S2715	60C15	120	Satin Spun	500/25	Box	C-9	4000	606	4 1/2"	
			S3415	60C15	120	Satin Spun	120/12	CD/2	C-9	4000	606	4 1/2"	
	CA10 Cand.	S3262	60CA10	120	Clear	500/25	Box	CC-2V	1500	672	4 1/4"		
		S3762	60CA10	120	Clear	120/10	CD/2	CC-2V	1500	672	4 1/4"		
		S4467	KR60CA10	120	Clear	500/25	Box	CC-2V	2500	720	4 1/4"	1	
		A3662	60CA10	130	Clear	500/25	Box	CC-2V	2500	642	4 1/4"		
		A3562	60CA10	130	Clear	120/10	CD/2	CC-2V	2500	642	4 1/4"		

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Incandescent Lamps



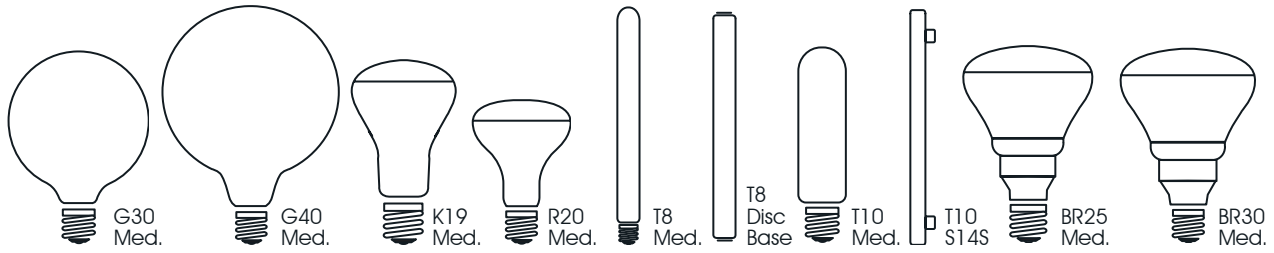
incandescent lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes		
60	 CA10 Cand.	Cand.	S3263	60CA10/F	120	Frosted	500/25	Box	CC-2V	1500	672	4 1/4"			
			S3763	60CA10/F	120	Frosted	120/10	CD/2	CC-2V	1500	672	4 1/4"			
			A3663	60CA10/F	130	Frosted	500/25	Box	CC-2V	2500	635	4 1/4"			
		A3563	60CA10/F	130	Frosted	120/10	CD/2	CC-2V	2500	635	4 1/4"				
		 CA10 Med.	Med.	S3266	60CA10	120	Clear	500/25	Box	CC-2V	1500	650	4 1/4"		
				S3766	60CA10	120	Clear	120/10	CD/2	CC-2V	1500	650	4 1/4"		
	A3666			60CA10	130	Clear	500/25	Box	CC-2V	2500	650	4 1/4"			
	A3566		60CA10	130	Clear	120/10	CD/2	CC-2V	2500	650	4 1/4"				
	S3269		60CA10/F	120	Frosted	500/25	Box	CC-2V	1500	640	4 1/4"				
	S3769		60CA10/F	120	Frosted	120/10	CD/2	CC-2V	1500	640	4 1/4"				
	 G16 1/2 Cand.	G16 1/2	Cand.	A3669	60CA10/F	130	Frosted	500/25	Box	CC-2V	2500	640	4 1/4"		
				A3569	60CA10/F	130	Frosted	120/10	CD/2	CC-2V	2500	640	4 1/4"		
				S3831	60G16 1/2	120	Clear	500/25	Box	CC-2V	1500	672	3"		
				S3771	60G16 1/2	120	Clear	120/10	CD/2	CC-2V	1500	672	3"		
				S4473	KR60G16 1/2	120	Clear	500/25	Box	CC-2V	2500	720	3"	1	
				A3931	60G16 1/2	130	Clear	500/25	Box	CC-2V	2500	642	3"		
			 G16 1/2 Med.	Med.	S3832	60G16 1/2/W	120	Sat. White	500/25	Box	CC-2V	1500	630	3"	
					S3772	60G16 1/2/W	120	Sat. White	120/10	CD/2	CC-2V	1500	630	3"	
A3932					60G16 1/2/W	130	Sat. White	500/25	Box	CC-2V	2500	564	3"		
S3271					60G16 1/2/W	120	Gloss Wht	500/25	Box	CC-2V	1500	630	3"		
S2975					60G16 1/2/MLX	120	Nat Day Frost	50/10	CD/1	CC-2V	2000	650	3"	3	
S3246					60G16 1/2/SL	120	Silver Crown	500/25	Box	CC-2V	1500	672	3"		
 G18 1/2 Med.	G18 1/2	Med.	S3840	60G16 1/2	120	Clear	500/25	Box	CC-2V	1500	650	3 1/4"			
			S3843	60G16 1/2/W	120	Gloss Wht	500/25	Box	CC-2V	1500	550	3 1/4"			
			S3889	60G18 1/2	120	Clear	250/25	Box	CC-2V	1500	610	3 1/2"			
			S3829	60G18 1/2/W	120	Gloss Wht	250/25	Box	CC-2V	1500	530	3 1/2"			
 G25 Med.	G25	Med.	S3449	60G25	120	Clear	72/6	Box	CC-9	2500	650	4 3/8"			
			S4049	60G25/3PK	120	Clear	40 3pk	3pk	CC-9	2500	650	4 3/8"			
			A3649	60G25	130	Clear	72/6	Box	CC-9	3000	642	4 3/8"			
			A4149	60G25/3PK	130	Clear	40 3pk	3pk	CC-9	3000	642	4 3/8"			
			S3442	60G25/W	120	Gloss Wht	72/6	Box	CC-9	2500	575	4 3/8"			
			S4042	60G25/W/3PK	120	Gloss Wht	40 3pk	3pk	CC-9	2500	575	4 3/8"			
			A3642	60G25/W	130	Gloss Wht	72/6	Box	CC-9	3000	564	4 3/8"			
			A4142	60G25/W/3PK	130	Gloss Wht	40 3pk	3pk	CC-9	3000	564	4 3/8"			
			S3862	60G25/SL	120	Silver Crown	72/6	Box	CC-9	1500	512	4 3/8"			

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Incandescent Lamps



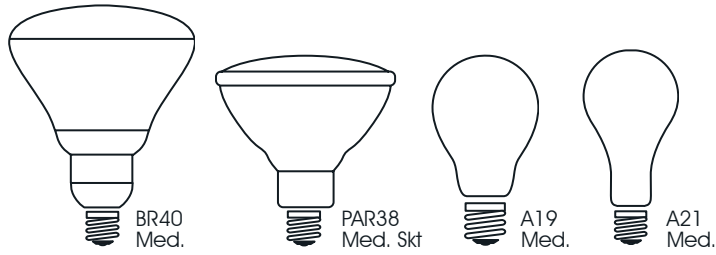
incandescent lamps







Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
60		Med.	S3670	60G30	120	Clear	72/6	Box	CC-9	2500	650	5 1/8"	
			S3672	60G30/W	120	White	72/6	Box	CC-9	2500	575	5 1/8"	
		Med.	S3012	60G40	120	Clear	24/6	Box	C-9	4000	580	6 3/4"	
			S3002	60G40/W	120	Gloss Wht	24/6	Box	C-9	4000	550	6 3/4"	
		Med.	S4977	60K19/2PK	120	White	12 2pk	2pk	C-9	1500	520	4 1/8"	
		Med.	S4824	60R20/VLX	120	Nat Day Frost	50/10	Box	C-9	5000	520	4"	3
		Med	S2978	60T8	130	Clear Showcase	10	Box	C-8	2000	425	12"	
		Disc Base	S2982	L60	120	Clear Lumiline	24	Sleeve	C-8	1500	480	17 3/4"	
			S2983	L60/W	120	White Lumiline	12	Sleeve	C-8	1500	450	17 3/4"	
		Med.	S3899	60T10/F	120	Frosted	500/25	Box	C-5V	1000	490	5 3/16"	
			S3704	60T10	120	Clear	120/10	CD/1	C-5V	1000	490	5 3/16"	
			S3896	60T10	120	Clear	500/25	Box	C-5V	1000	490	5 3/16"	
S3705			60T10/F	120	Frosted	120/10	CD/1	C-5V	1000	480	5 3/16"		
S14S		S4894	LN60	125	White	25	Box	C-8	1000	460	19 11/16"		
65		Med.	S2806	65BR25/FL	120	Frosted	96/12	Sleeve	CC-6	2000	600	4 3/4"	
		Med.	S2808	65BR30/FL	120	Frosted	96/12	Box	CC-9	2000	685	5 3/8"	
			S2817	65BR30/FL/2PK	120	Frosted	60 2pk	2pk	CC-9	2000	685	5 3/8"	
			S3408	65BR30/FL	130	Frosted	96/12	Box	CC-9	2000	685	5 3/8"	
			S3417	65BR30/FL/2PK	130	Frosted	60 2pk	2pk	CC-9	2000	685	5 3/8"	
			S6208	65BR30/FL/LL	130	Frosted	24	Sleeve	CC-9	5000	532	5 3/8"	
			SHATTER PROOF	S4887	65BR30/TF	120	Frosted ShatterPrf	96/12	Sleeve	C-9	2000	685	5 3/8"

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Incandescent Lamps



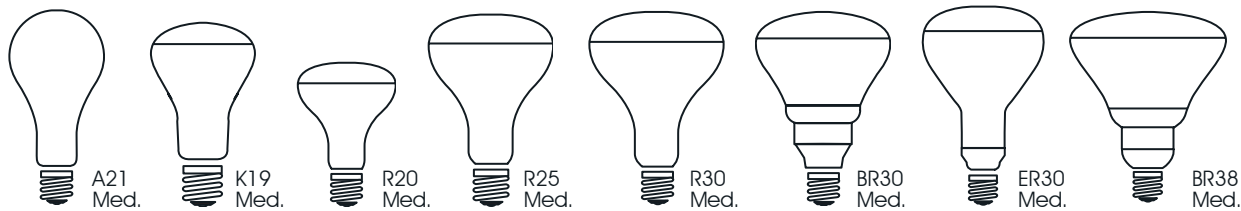
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
65		BR40 Med.	S2853	65BR/FL	120	Frosted	24	Sleeve	CC-6	2500	685	6 1/2"	
			S4453	65BR/FL	130	Frosted	24	Sleeve	CC-6	2500	685	6 1/2"	
		PAR38 Med Skt	S4952 ▲	65PAR/FL	120	Clear	15	Box	CC-6	1750	715	5 5/16"	
			S4953 ▲	65PAR/FL/130	130	Clear	15	Box	CC-6	1750	715	5 5/16"	
			S4573 ▲	65PAR/SP	120	Clear	15	Box	CC-6	1750	715	5 5/16"	
	67		A19 Med.	S4462 ▲	75A/67/SS	120	Frosted	48	4pk	CC-8	1500	1040	4 7/16"
S4992 ▲				75A/67/SS	130	Frosted	48	4pk	CC-8	1500	1065	4 7/16"	
		A21 Med.	S2993 ▲	67A21/TS/8M	120	Clear Extra Long Life	24	Sleeve	C-9	8000	610	4 7/16"	2
			S2994 ▲	67A21/TS/8M	130	Clear Extra Long Life	24	Sleeve	C-9	8000	610	4 7/16"	2
69		A21 Med.	S2995 ▲	69A21/TS/8M	120	Clear Extra Long Life	24	Sleeve	C-9	8000	640	4 7/16"	2
			S2996 ▲	69A21/TS/8M	130	Clear Extra Long Life	24	Sleeve	C-9	8000	640	4 7/16"	2
75		A19 Med.	S6043	75A19/CL	120	Clear	120	2pk	C-9	2500	800	4 1/8"	
			S3943	75A19/CL	130	Clear	120	2pk	C-9	2500	760	4 1/8"	
			S4022	75A19/CL	130	Clear	30 4pks	4pk	C-9	1000	830	4 1/8"	
			S6053	75A19/F	120	Frosted	120	2pk	C-9	2500	800	4 1/8"	
			S1713	75A19/F	120	Frosted	48	4pk	C-9	1500	800	4 1/8"	
			S3953	75A19/F	130	Frosted	120	2pk	C-9	2500	760	4 1/8"	
			S1812	75A19/W	120	White	48	4pk	C-9	1500	650	4 1/8"	
			S3993	75A19/W	130	White	40 3pks	3pk	C-9	1250	747	4 1/8"	
			S4012	75A19/W	130	White	30 4pks	4pk	C-9	1000	747	4 1/8"	
			S3970	75A/RS	130	Frosted	24	2pk	C-9	2500	620	4 1/8"	
			S3928	75A/RS/TF/2PK	130	Frost ShatterPrf	12 2pks	2pk	C-9	5000	680	4 1/8"	4
			S3920	75A/BlackLight	120	Black Light	96/6	Box	C-9	480	-	4 1/8"	
S4078	75A19/W/230V	230	White	120	Box	CC-2F	2500	750	4 1/8"				

SHATTER PROOF

Customer Service 1-800-43-SATCO

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Incandescent Lamps



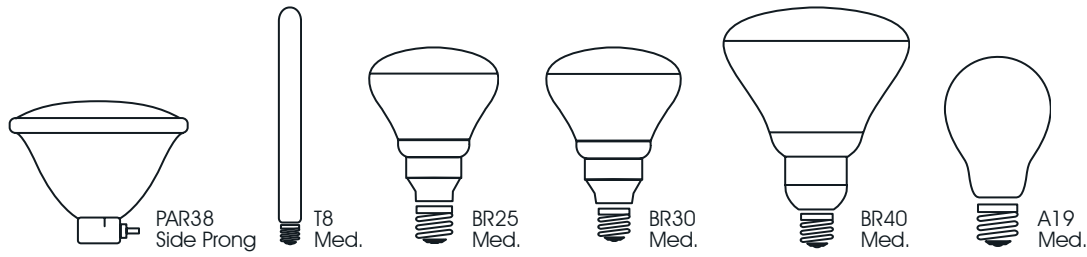
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
75	 A21 Med.	Med.	S5012	75A21/F/12V	12	Frosted	120/6	Box	C-6	1500	720	5 5/16"	
			S5022	75A21/F/34V	34	Frosted	120/6	Box	C-6	1500	720	5 5/16"	
			S3934	75A21/IF	130	Frosted	120/6	Sleeve	C-9	5000	680	5 5/16"	
			S4819	75A21/CL/MLX	120	Nat Day Clear	50/10	Box	C-9	5000	630	5 1/16"	3
			S4818	75A21/MLX	120	Nat Day Frost	50/10	Box	C-9	5000	630	5 1/16"	3
			SHATTER PROOF S3972	75A21/TF	130	Frost ShatterPrf	24	2pk	C-9	2500	620	5 5/16"	4
	K19	Med.	S4978	75K19/2PK	120	White	12 2pk	2pk	C-9	1500	680	4 1/8"	
	R20	Med.	S3211	75R20	120	Frosted	96/12	Sleeve	CC-9	2000	690	4"	
			S2811	75R20	130	Frosted	96/12	Sleeve	CC-9	2000	690	4"	
	R25	Med.	S2851	75R25/GRO	120	Blue	96/12	Box	C-9	2000	-	4 3/4"	
	R30	Med.	S4825	75R30/FL/MLX	120	Nat Day Frost	50/10	Box	C-9	5000	680	5 3/8"	3
	BR30	Med.	S3240	75BR30/R	130	Red	96/12	Sleeve	C-9	2000	-	5 3/8"	
			S3227	75BR30/G	130	Green	96/12	Sleeve	C-9	2000	-	5 3/8"	
			S3228	75BR30/B	130	Blue	96/12	Sleeve	C-9	2000	-	5 3/8"	
			S3239	75BR30/A	130	Amber	96/12	Sleeve	C-9	2000	-	5 3/8"	
S3213			75BR30/PK	130	Pink	96/12	Sleeve	C-9	2000	-	5 3/8"		
ER30	Med.	S4957	75ER30	130	Frosted	24	Sleeve	CC-6	2000	620	6 1/8"		
BR38	Med.	S4420	75BR38/FL	120	Clear	12	Box	CC-9	2000	700	5 5/16"		
		S4422	75BR38/FL/2PK	120	Clear	8 2pk	2pk	CC-9	2000	700	5 5/16"		
		S4430	75BR38/FL	130	Clear	12	Box	CC-9	2000	700	5 5/16"		
		E27/Med.	S5000	75BR38/FL/230V	230	Clear	12	Box	CC-9	2000	700	5 5/16"	

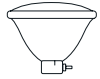






Incandescent lamps

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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps

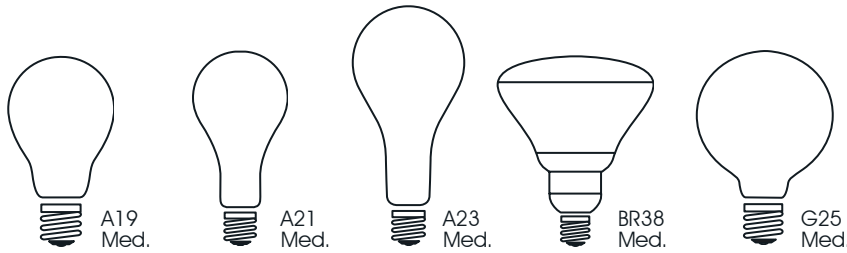


Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
75	 PAR38 Side Prong	Side Prong	S4800 ▲	75PAR/3FL/MINE	120	Clear	12	Box	CC-6	2000	765	4 5/16"	
			S4801 ▲	75PAR/3SP/MINE	120	Clear	12	Box	CC-6	2000	765	4 5/16"	
	 T8 Med.	Med.	S2979 ■	75T8	130	Clear Showcase	10	Box	C-8	2000	584	12"	
85	 BR25 Med.	Med.	S2807	85BR25/FL	120	Frosted	96/12	Sleeve	CC-6	2000	800	4 3/4"	
			 BR30 Med.	S2809	85BR30/FL	120	Frosted	96/12	Sleeve	CC-9	2000	925	5 3/8"
		S3409		85BR30/FL	130	Frosted	96/12	Sleeve	CC-9	2000	925	5 3/8"	
	 BR40 Med.	Med.	S2854	85BR40/FL	120-130	Frosted	24	Sleeve	CC-6	2500	925	6 1/2"	
90	 A19 Med.	Med.	S4463 ▲	100A/90/SS	120	Frosted	48	4pk	CC-8	1500	1520	4 7/16"	
			S4993 ▲	100A/90/SS	130	Frosted	48	4pk	CC-8	1500	1550	4 7/16"	
			S2997 ▲	90A19/TS/8M/SS	120	Clear Extra Long Life	120			C-11V	8000	1000	4 7/16"
100	 A19 Med.	Med.	S6044	100A19/CL	120	Clear	120	2pk	C-9	2500	1150	4 1/8"	
			S3944	100A19/CL	130	Clear	120	2pk	C-9	2500	1100	4 1/8"	
			S4023	100A19/CL	130	Clear	30 4pks	4pk	C-9	1000	1230	4 1/8"	
			S6054	100A19/F	120	Frosted	120	2pk	C-9	2500	1150	4 1/8"	
			S3954	100A19/F	130	Frosted	120	2pk	C-9	2500	1100	4 1/8"	
			S1714	100A19/F	120	Frosted	48	4pk	C-9	1500	1150	4 1/8"	
			S1813	100A19/W	120	White	48	4pk	C-9	1500	950	4 1/8"	
			S3994	100A19/W	120	White	40 3pks	3pk	C-9	1250	1107	4 1/8"	
			S4013	100A19/W	120	White	30 4pks	4pk	C-9	1000	1107	4 1/8"	
			S3939	100A/Bug	130	Yellow	24	2pk	C-9	2000	-	4 1/8"	
			SHATTER PROOF	S3929	100A/RS/TF/2PK	130	Frost ShatterPrf	12 2pks	2pk	C-9	5000	960	4 1/8"

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When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

Incandescent Lamps



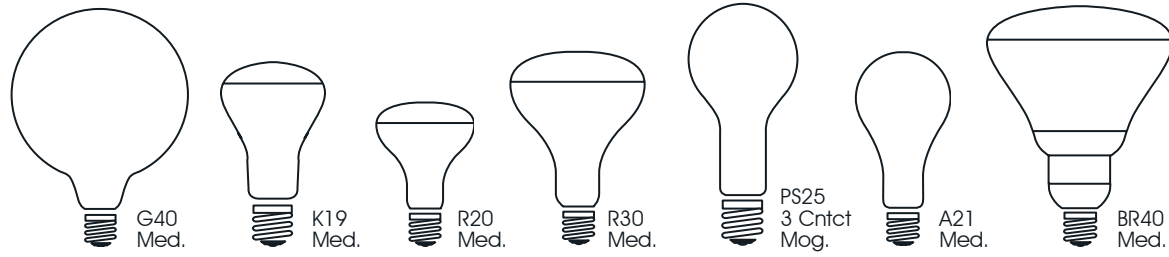
incandescent lamps








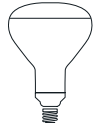
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes	
100	 A19 Med.	Med.	S3956	100A/SL	130	Silver Crown	24	Box	C-9	1500	960	4 1/8"		
			S3971	100A/RS	130	Frosted	24	2pk	C-9	2500	880	4 1/8"		
			S4079	100A19/W/230V	230	White	120	Box	CC-2F	2500	1250	4 1/8"		
		Med LHT	S6010	100A/LHT/F Left Hand Thread	130	Frost	120/6	Sleeve	C-9	2000	1200	4 1/8"		
		 A21 Med.		S3935	100A21/F	130	Frosted	130	Sleeve	C-9	5000	1030	5 5/16"	
			S4821 ■	100A21/CL/VLX	120	Nat Day Clear	50/10	Box	C-9	5000	910	5 1/16"	3	
			S4820 ■	100A21/VLX	120	Nat Day Frost	50/10	Box	C-9	5000	910	5 1/16"	3	
			SHATTER PROOF S3973	100A21/TF	130	Frosted ShatterPrf	24	2pk	C-9	2500	880	5 5/16"	4	
			S5013	100A21/F/12V	12	Frosted	120/6	Box	C-6	1500	980	5 5/16"		
			S5023	100A21/F/34V	34	Frosted	120/6	Box	C-6	1500	980	5 5/16"		
		 A23 Med.		S3936	100A23/F	130	Frosted	120/6	Sleeve	C-9	5000	1030	6 1/16"	
		 BR38 Med.		S4424	100BR38/R	120	Red	6	Box	CC-9	2000	-	5 5/16"	
			E27/Med.	S5002	100BR38/R/230V	230	Red	6	Box	CC-9	2000	-	5 5/16"	
			S4425	100BR38/A	120	Amber	6	Box	CC-9	2000	-	5 5/16"		
	E27/Med.		S5003	100BR38/A/230V	230	Amber	6	Box	CC-9	2000	-	5 5/16"		
			S4426	100BR38/Y	120	Yellow	6	Box	CC-9	2000	-	5 5/16"		
	E27/Med.		S5004	100/BR38/Y/230V	230	Yellow	6	Box	CC-9	2000	-	5 5/16"		
			S4427	100BR38/G	120	Green	6	Box	CC-9	2000	-	5 5/16"		
	E27/Med.		S5005	100BR38/G/230V	230	Green	6	Box	CC-9	2000	-	5 5/16"		
			S4428	100BR38/B	120	Blue	6	Box	CC-9	2000	-	5 5/16"		
	E27/Med.		S5006	100BR38/B/230V	230	Blue	6	Box	CC-9	2000	-	5 5/16"		
			S4429	100BR38/PK	120	Pink	6	Box	CC-9	2000	-	5 5/16"		
	E27/Med.		S5007	100BR38/PK/230V	230	Pink	6	Box	CC-9	2000	-	5 5/16"		
	 G25 Med.		S3450	100G25	120	Clear	72/6	Box	CC-9	2500	1000	4 3/8"		
			A3650	100G25	130	Clear	72/6	Box	CC-9	3000	1000	4 3/8"		
			S3443	100G25/W	120	Gloss Wht	72/6	Box	CC-9	2500	920	4 3/8"		
			A3643	100G25/W	130	Gloss Wht	72/6	Box	CC-9	3000	920	4 3/8"		

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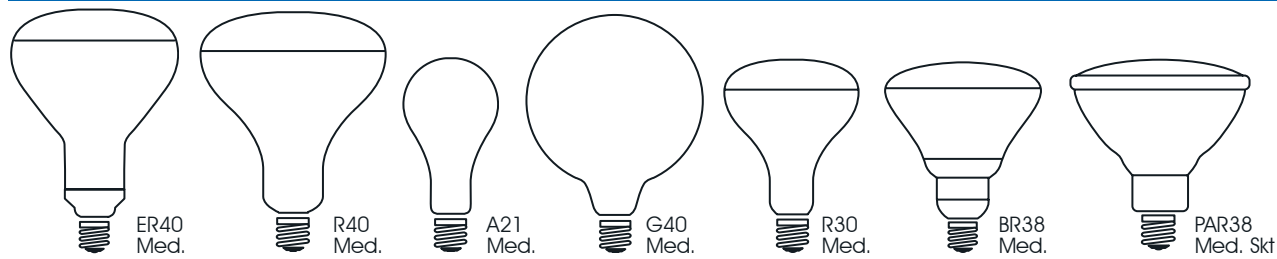
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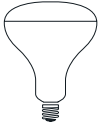





Incandescent Lamps



Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
100	G40 	Med.	S3013	100G40	120	Clear	24/6	Box	C-9	4000	1150	6 3/4"	
			S3003	100G40/W	120	Gloss Wht	24/6	Box	C-9	4000	1050	6 3/4"	
	K19 	Med.	S4979	100K19/2PK	120	White	12 2pk	2pk	C-9	1500	1000	4 1/8"	
	R20 	Med.	S3226	100R20	120	Frosted	96/12	Sleeve	CC-9	2000	925	4"	
R30 	Med	S4826 ▲	100R30/FL/VLX	120	Nat Day Frost	10	Box	C-9	5000	1000	5 3/8"	3	
100/ 200/ 300	PS25 	3 cntct Mog	S1822 ▲	100/300W	120	White	12	Sleeve	CC-6/ C-9	1200	1385/ 3540/ 4925	6 3/4"	
116	A21 	Med.	S2998 ▲	116A21/TS/8M	120	Clear Extra Long Life	24	Sleeve	C-9	8000	1260	4 7/16"	2
120	BR40 	Med.	S2855	120BR/FL	120	Frosted	24	Sleeve	CC-6	2500	1150	6 1/2"	
			S4455	120BR/FL	130	Frosted	24	Sleeve	CC-6	2500	1150	6 1/2"	
			S2990 ▲	120BR/GRO	120	Spot-GRO Reflector	6	Sleeve	CC-6	2000		6 1/2"	
	ER40 	Med.	S4958	120ER40	130	Frosted	24	Sleeve	CC-6	2000	1180	7 1/4"	

Incandescent Lamps



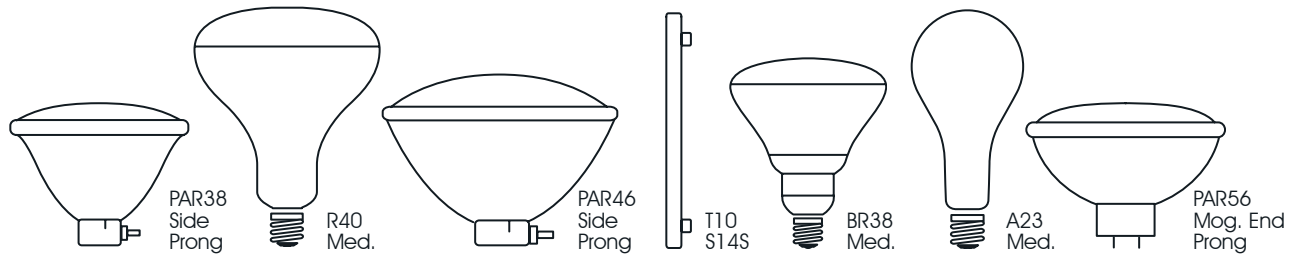
Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes																																					
125	R40	Med	S4750	125R40/1	120	Clear Heat	12	Box	C-11	5000	-	6 1/2"																																						
																																																		
135	A21	Med.	S2999 ▲	135A21/TS/8M/SS	120	Clear Extra Long Life	24	Sleeve	C-11V	8000	1750	4 7/16"	2																																					
																																																		
150	A21	Med.	S3981	150A21/CL	130	Clear	24	Box	C-9	2500	1750	5 1/16"																																						
															S3980	150A21/F	130	Frosted	24	Box	C-9	2500	1750	5 1/16"																										
																										S4822 ■	150A21/MLX	120	Nat Day Frosted	50/10	Box	C-9	5000	1400	5 1/16"	3														
																																					S4883	150A21/TF	130	Frosted ShatterPrf	24	Box	C-9	2500	1750	5 1/16"	4			
																																																S3014	150G40	120
S3004	150G40/W	120	Gloss Wht	24/6	Box	C-9	4000	1550	6 3/4"																																									
											G40	Med.	S2852	150R30/GRO	120	Blue	96/12	Box	C-9	2000	-	5 5/16"																												
																									Med.	S4421	150BR38/FL	120	Clear	12	Box	CC-9	2000	1550	5 5/16"															
																																					S4423	150BR38/FL/2PK	120	Clear	8 2pks	2pk	CC-9	2000	1550	5 5/16"				
																																																S4431	150BR38/FL	130
BR38	Med.	S5001	150BR38/FL/230V	230	Clear	12	Box	CC-9	2000	1550																																								
												Med.	S4954 ▲	150PAR/FL	130	Clear	15	Box	CC-6	750	2175	5 5/16"																												
																								S4955 ▲	150PAR/SP	130	Clear	15	Box	CC-6	750	2175	5 5/16"																	
																																			E27/Med.	Med Skt														










incandescent lamps

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Incandescent Lamps

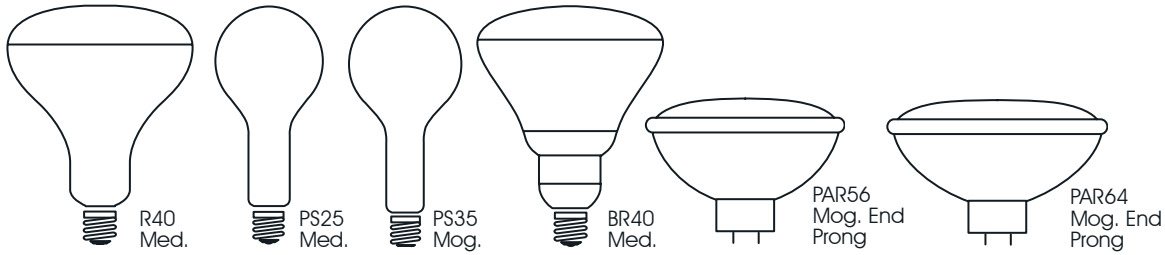


Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes
150		Side Prong	S4802 ▲	150PAR3FL/MINE	120	Clear	12	Box	CC-6	2000	1740	4 5/16"	
			S4803 ▲	150PAR3SP/MINE	120	Clear	12	Box	CC-6	2000	1740	4 5/16"	
		Med.	S4827 ■	150R40FL/VLX	120	Nat Day Frosted	50/10	Box	C-9	5000	1450	6 1/2"	3
		Side Prong	S4339 ▲	150PAR46/3NSP	125	Narrow Spot	12	Box	CC-2V	2000	1500	4"	
		S14S	S4895 ▲	LN150	125	White	16	Box	C-8	1000	930	39 3/8"	
175		Med	S4751	175BR38/HR	120	Red Heat	12	Box	C-9	5000	-	5 5/16"	
200		Med.	S3983	200A23/CL	130	Clear	24	Box	C-9	2500	2500	6 1/16"	
			S3982	200A23/F	130	Frosted	24	Box	C-9	2500	2500	6 1/16"	
		Side Prong	S4340 ▲	200PAR46/3MFL	120	Med Fld	12	Box	CC-13	2000	2270	4"	
			S4341 ▲	200PAR46/3MFL	125	Med Fld	12	Box	CC-13	2000	2270	4"	
			S4342 ▲	200PAR46/3NSP	120	Nar Spot	12	Box	CC-13	2000	2270	4"	
			S4343 ▲	200PAR46/3NSP	125	Nar Spot	12	Box	CC-13	2000	2270	4"	
		Mog End Prong	S4344 ▲	200PAR56/MFL	120	Med Fld	12	Box	CC-13	2000	2270	5"	
250		Med.	S4999	250R40/1	120	Cl. Heat	12	Sleeve	C-9	5000	-	6 1/2"	
			S4885	250R40/1/TF	120	Cl. Heat ShatterPrf	12	Sleeve	C-9	5000	-	6 7/8"	
			S4998	250R40/HR	120	Red Heat	12	Sleeve	C-9	5000	-	6 1/2"	
			S4884	250R40/HR/TF	120	Red Heat ShatterPrf	12	Sleeve	C-9	5000	-	6 7/8"	








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Incandescent Lamps



Incandescent Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	Master/Inner Carton	Pkg. Type	Filament	Avg. Rated Hours	Lumens	MOL	Notes	
300	PS25 	Med.	S4959	300M/CL	130	Clear	24	Box	C-9	2500	3600	6 15/16"		
			S4960	300M/IF	130	Frosted	24	Box	C-9	2500	3600	6 15/16"		
	PS35 	Mog	S4961	300PS35/CL	130	Clear	12	Box	C-9	2500	3600	9 3/8"		
			S4962	300/PS35/IF	130	Frosted	12	Box	C-9	2500	3600	9 3/8"		
			S2986 ▲	300PS35/SB/IF	120	Silver Bowl Inside Frost	24	Sleeve	C-9	1000	5400	9 3/8"		
	BR40 	Med.	S4353 ▲	300BR/FL	120	Reflector Flood	24	Sleeve	CC-2V	2000	3030	6 1/2"		
			PAR56 	Mog End Prong	S4812 ▲	300PAR56/NSP	120	Nar. Spt	12	Box	CC-13	2000	3840	5"
	S4345 ▲	300PAR56/NSP			130	Nar. Spt	12	Box	CC-13	2000	3840	5"		
	S4810 ▲	300PAR56/MFL			120	Med Fld	12	Box	CC-13	2000	3840	5"		
	S4346 ▲	300PAR56/MFL			130	Med Fld	12	Box	CC-13	2000	3840	5"		
	S4811 ▲	300PAR56/WFL			120	Wide Fld	12	Box	CC-13	2000	3840	5"		
	S4347 ▲	300PAR56/WFL			130	Wide Fld	12	Box	CC-13	2000	3840	5"		
375	R40 	Med.	S4366 ▲	375R40/1	120	Cl. Heat	24	Sleeve	C-11	5000		7 5/8"		
500	PAR64 	Mog. End Prong	S4349 ▲	500PAR64/MFL	120	Med. Fl.	6	Box	CC-13	2000	6500	6"		
			S4350 ▲	500PAR64/MFL	130	Med. Fl.	6	Box	CC-13	2000	6500	6"		
			S4348 ▲	500PAR64/NSP	120	Nar. Spt	6	Box	CC-13	2000	6500	6"		
			S4351 ▲	500PAR64/WFL	120	Wide Fld	6	Box	CC-13	2000	6500	6"		
			S4352 ▲	500PAR64/WFL	130	Wide Fld	6	Box	CC-13	2000	6500	6"		
	PS35 	Mog.	S2987 ▲	500PS35/CL	120	Clear	24	Sleeve	CC-8	1000	10000	9 3/8"		
			S2988 ▲	500PS35/CL	130	Clear	24	Sleeve	CC-8	1000	10000	9 3/8"		
			S2989 ▲	500PS35/IF	130	Frost	24	Sleeve	CC-8	1000	10000	9 3/8"		


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Incandescent Lamps Notes

General Incandescent Notes

 = Product by a manufacturer other than Satco

 = Product by one of the Primary lamp manufacturers

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

Light Output vs. Life

The life of an incandescent lamp and its lumen output are both determined by the filament design. These characteristics represent a give-and-take relationship—one must be sacrificed to improve the other. There are many choices available to the consumer, each one marketed for a particular application, purpose or feature.

It is important to determine your customer's priorities and needs when recommending a light source purchase. Is the lamp going to be placed in a hard-to-reach area, making long life more important than light output? Or will it be a workhorse, illuminating important tasks and needing maximum lumens?

The Federal Trade Commission instituted new packaging labeling requirements in 1992 to explain the function of a lamp better to the purchaser. So if you know your way around this labeling, you can suggest optimum choices for your customer, or explain the features to customers to allow them to make their own educated decisions.

Rated Life

There is a common misconception that the "Rated Life" of an incandescent lamp is a measure of how long the lamp should burn, this is not true. The rated life of a lamp is the point where 50% of the bulbs have burned out, and 50% are still burning, under laboratory conditions. For example, the S2808, (65BR30/FL) is rated at 2000 hours, this means, some will burn out at 1000 hours, some will last 3000 hours, but ½ will still be burning at 2000 hours.

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 eyes 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** ShatterProof 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.

Compact Fluorescent





SATCO® FCC ID: [unreadable]
Not for [unreadable]
120V 60Hz 95mA
2700K

Compact Fluorescent Basics

Fighting Fluorescent Phobia

The biggest misconception that still stigmatizes fluorescent light sources pertains to their color rendering. Many consumers still associate fluorescent with having an unflattering green cast. They are probably thinking of products they've seen at the cool end of the spectrum, or fluorescent lighting in institutional settings. You can combat these negative associations from fluorescent's aesthetically impaired past by educating your customers about lamp color and color rendering.

The Color Rendering Index (CRI) is a rating scale up to 100 that rates a light source's ability to accurately convey true color. Light sources with a low CRI will make objects and skin tones appear washed out and dull. Lamps with high CRI ratings bring life to a subject and make colors more vivid. Many CFLs have CRI ratings that exceed 80, which is considered excellent.

Lamp color, on the other hand, is based on a color temperature scale with a measurement called Kelvin. A warm color of light would be in the 2000K to 3000K range and would make reds, oranges and yellows more dominant. Light sources with a color temperature in the 4000K range would feature more blue or cool tones. The variety of color temperature options and CRI ratings for fluorescent light sources have improved dramatically thanks to advances in the types of phosphors used. So now your customers can see themselves in their best light without sacrificing energy savings.



Color Temp	Warm	Neutral	Cool	Daylight
Kelvin Range	3000K	3500K	4100K	5000K
Effect & Mood	Warm & Friendly	Inviting & Comfortable	Clean & Organized	Bright & Alert
Application	Homes & Restaurants	Showrooms & Reception Offices	Office & Hospitals	Galleries & Jewelry Display

Light Bulb Anatomy

FLUORESCENT

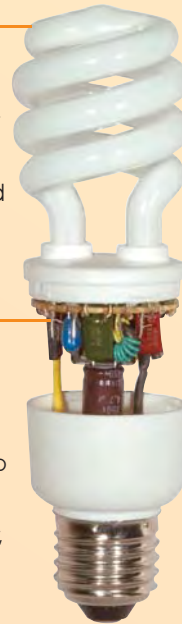
How it works: Fluorescent lamps are phosphorous-coated tubes filled with a low-pressure mercury vapor. Light is produced by passing an electric arc between tungsten cathodes at opposite ends of the tube. This causes the mercury vapor to generate a radiant energy.

Tri-Phosphor Coating

This mixture converts ultraviolet light into visible light with superior color rendition and a high efficacy averaging 60 lumens per watt.

Electronic Ballast

These high-tech devices enable the lamp to light up immediately with no flickering or noise. Solid-state circuitry allows for three-way, dimmable and photocell models.



Compact Fluorescent Tube

An alternative to traditional linear tubes, these smaller-tubes have been configured into new shapes to reduce their size and increase their light output.

What Is Energy Star?

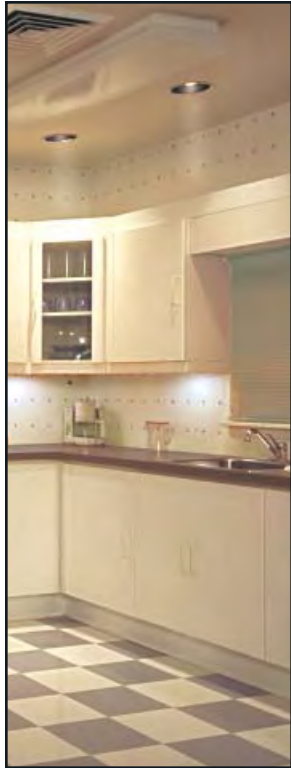


Celebrating its 10th anniversary this year, Energy Star® is a government-backed symbol for energy efficiency, jointly managed by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE). The label was created to help consumers easily identify products that save energy and help to protect the environment.

Energy Star manufacturer partners may place the label on products that meet the high energy efficiency guidelines of the program. To keep up with technological advances, Energy Star reviews the guidelines for each product category and tightens them as necessary to ensure that, generally, only the top 25 percent of products in each category can earn the label.

Beneficial Bulbs for Every Room

Energy Star recommends putting energy-efficient bulbs in the five most-used lamps or fixtures. 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.



Kitchen

Recessed lighting, whether used for general illumination or above sinks and stovetops, can take R30 or R40 fluorescent reflector lamps. The fact that these bulbs last up to 10 times longer than incandescents means fewer trips up the ladder to change them. For under-cabinet lights or surface fluorescent fixtures, install Energy Star-rated products that accept linear T8 lamps with electronic ballasts to ensure peak efficiency.

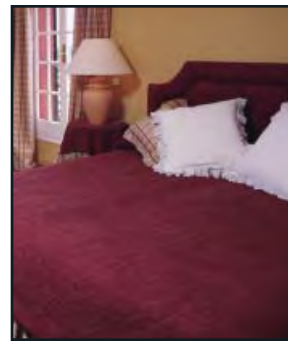
Bulbs will likely be visible in pendants over kitchen islands or a table, so compact fluorescents with a familiar “A” lamp style are best. Because dimmable compact fluorescents are available, the light level can adjust to accommodate tasks or mood-setting entertaining.



Bathroom

Incandescent bulbs in standard theatrical-style vanity strips can be replaced with globe-shaped compact fluorescent sources. Color rendering is important in this room, so choose bulbs that have a CRI of 80 or better. Consumers are also most comfortable with color temperatures at the warm

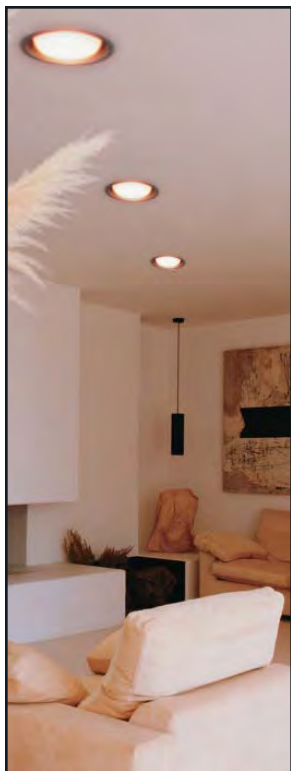
end of the spectrum in bathrooms, so 3000K would be an appropriate choice. Fluorescent sources provide sufficient light for activities such as shaving or applying makeup without casting harsh shadows.



Bedrooms

The average home’s bedrooms as a whole—including master, guest and children’s rooms—account for 10 percent of its energy used for lighting. Bedside table lamps or swing-arm wall sconces will benefit from spiral CFLs, particularly those models that offer three-way settings and dimming capability.

Tiffany lamps are enhanced by fluorescent sources because they create even illumination behind the colorful glass. Flush mounts with ventilation are also conducive to these sources because there are no visible “hot spots.” Since the fluorescent sources themselves are cool to the touch when in operation, there is less to worry about when they’re used in a child’s bedroom.



Living Room

Here, too, recessed lighting can benefit from the use of R30 or R40 fluorescent reflector lamps. If line voltage track lighting is used instead or in addition, those fixtures can take R20 or R30 fluorescent reflector lamps.

Portable lamps—table or floor—are great candidates for spiral CFLs, which maximize light output with their unique shape and exposed tubes. New mini spiral models have petite tubes and smaller ballasts for tighter spaces without sacrificing efficacy. Spiral CFLs are also available with candelabra bases for use in chandeliers, although this type of light source is best in shaded applications.



Outdoor

Spiral CFLs are available in bug light versions for use outdoors. Torpedo-style fluorescents, which come with standard screw-in or candelabra bases, can replace flame-shaped incandescent bulbs that are visible behind the panels of exterior lanterns.

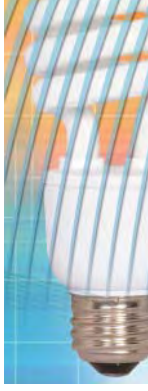
Outdoor fixtures benefit greatly from energy-efficient light sources because they are usually left on for extended periods of time, so the cumulative wattage saved is significant. For this same reason, the long life of these bulbs makes a big difference, requiring fewer bulb changes and less maintenance.



Mini Spiral Cand.



Mini Spiral Med.



Screw In Lamps

Mini Spiral Lamps 120 Volt

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
5		Cand.	S6297	20W	EFMSP5/30	2700	82	48/12	Box	10000	250	4.13"	1.81"
		Med.	S6298	20W	EFMSP5/30	2700	82	48/12	Box	10000	250	4.06"	1.81"
<i>Suitable for enclosed fixtures</i>													
9		Med.	S6200 ★	50W	EFMSP9/30	3000	82	24/6	Blister	10000	500	4.45"	1.81"
		Cand.	S6251	50W	EFMSP9/30	3000	82	24/6	Blister	10000	500	4.45"	1.81"
<i>Suitable for enclosed fixtures</i>													
11		Med.	S6201 ★	55W	EFMSP11/30	3000	82	24/6	Blister	6000	550	4.45"	1.81"
		Cand.	S6252	55W	EFMSP11/30	3000	82	24/6	Blister	6000	550	4.76"	1.81"
<i>Suitable for enclosed fixtures</i>													
13		Med.	S6202 ★	60W	EFMSP13/30	3000	82	24/6	Blister	10000	800	4.96"	1.81"
			S6223	60W	EFMSP13/50	5000	82	24/6	Blister	10000	800	4.96"	1.81"
		Cand.	S6253	60W	EFMSP13/30	3000	82	24/6	Blister	10000	800	4.96"	1.81"
<i>Suitable for enclosed fixtures</i>													
15		Med.	S6203 ★	65W +	EFMSP15/30	3000	82	24/6	Blister	10000	900	4.80"	2.13"
			S6224	65W +	EFMSP15/50	5000	82	24/6	Blister	10000	900	4.80"	2.13"
<i>Suitable for enclosed fixtures</i>													
18		Med.	S6243 ★	75W	EFMSP18/30	3000	82	24/6	Blister	10000	1100	5.28"	2.13"
26		Med.	S6204 ★	100W	EFMSP26/30	3000	82	24/6	Blister	10000	1600	5.94"	2.13"
			S6225	100W	EFMSP26/50	5000	82	24/6	Blister	10000	1600	5.94"	2.13"






Compact fluorescent lamps

Compact Fluorescent Lamps






Spiral Med.

Standard Spiral Lamps

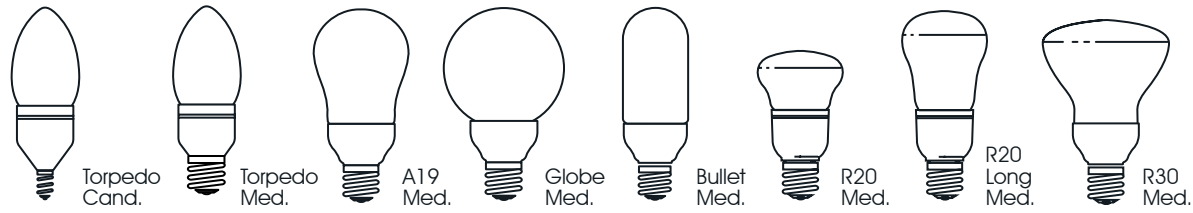
Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/ Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
15		Med.	S6205 ★	65W	EFSP15/30	3000	82	24/6	Blister	6000	900	5.35"	2.17"
			S6226	65W	EFSP15/50	5000	82	24/6	Blister	6000	900	5.35"	2.17"
<i>Suitable for enclosed fixtures</i>													
20		Med.	S6206 ★	85W	EFSP20/30	3000	82	24/6	Blister	6000	1200	5.67"	2.36"
			S6227	85W	EFSP20/50	5000	82	24/6	Blister	6000	1200	5.67"	2.36"
23		Med.	S6207 ★	90W	EFSP23/30	3000	82	24/6	Blister	6000	1380	6.02"	2.36"
			S6228	90W	EFSP23/50	5000	82	24/6	Blister	6000	1380	6.02"	2.36"
26		Med.	S6209 ★	100W	EFSP26/30	3000	82	24/6	Blister	6000	1600	6.14"	2.36"
			S6229	100W	EFSP26/50	5000	82	24/6	Blister	6000	1600	6.14"	2.36"
32		Med.	S6210 ★	125W	EFSP32/30	3000	82	24/6	Blister	6000	1920	6.73"	2.64"
			S6240	125W	EFSP32/50	5000	82	24/6	Blister	6000	1920	6.73"	2.64"

Standard & Mini Spiral Specialty Lamps

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/ Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
12/ 20/ 26		Med.	S6211 ★	50W/ 85W/ 100W	EFSP12/20/26/30K 3-WAY	3000	82	24/6	Blister	6000	660/ 1200/ 1600	6.02"	2.36"
15		Med.	S6254	60w Bug	EFMSP15/BUG Yellow		82	24/6	Blister	10000	N/A	4.80"	2.13"
<i>Suitable for enclosed fixtures</i>													
23		Med.	S6212 ★	25- 85W	EFSP23/30/DIM Dimmable	3000	82	24/6	Blister	6000	1380	6.02"	2.36"
			S6257	85W	EF23/SPL/PHOTO/30 With Photocell	3000	82	24/6	Blister	6000	1380	6.14"	2.36"

compact fluorescent lamps

Compact Fluorescent Lamps



Enclosed & Decorative Lamps

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/ Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)	
3		Cand.	S6219	15W	EFTOR3/30	3000	82	24/6	Blister	6000	120	4.96"	1.65"	
		Med.	S6221	15W	EFTOR3/30	3000	82	24/6	Blister	6000	120	4.96"	1.65"	
7		Cand.	S6220	30W	EFTOR7/30	3000	82	24/6	Blister	6000	280	4.96"	1.57"	
		Med.	S6222 ★	30W	EFTOR7/30	3000	82	24/6	Blister	6000	280	4.96"	1.57"	
		Med.	S6233 ★	30W	EF7A19/30	3000	82	24/6	Blister	6000	300	4.54"	2.36"	
9		Med.	S6239 ★	40W	EF9A19/30	3000	82	24/6	Blister	6000	450	4.61"	2.44"	
11		Med.	S6246 ★	55W	EF11A19/30	3000	82	24/6	Blister	6000	540	4.96"	2.44"	
15		Med.	S6216 ★	60W	EF15A19/30	3000	82	24/6	Blister	6000	720	5.39"	2.64"	
		Globe	Med.	S6218 ★	60W	EFG15/30	3000	82	24/6	Blister	6000	720	5.39"	3.31"
			Med.	S6242	60W	EFG15/50	5000	82	24/6	Blister	6000	720	5.39"	3.31"
		Med.	S6217	60W	EFT15/30	3000	82	24/6	Blister	6000	720	5.51"	1.97"	
		Med.	S6241	60W	EFT15/50	5000	82	24/6	Blister	6000	720	5.51"	1.97"	

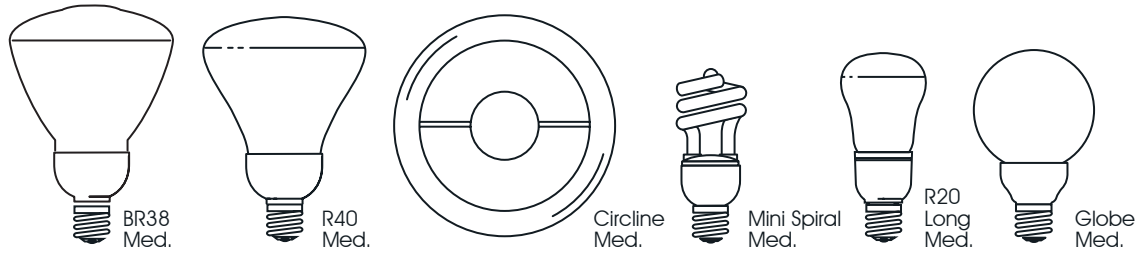
Reflector Lamps

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/ Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
5		Med.	S6244 ★	30W	EFR205/30	3000	82	24/6	Blister	6000	260	4.21"	2.52"
11		Med	S6245	50W	EFR20L11/30/120	3000	82	24/6	Blister	6000	330	4.96"	2.52"
15		Med.	S6213 ★	60W	EFR3015/30	3000	82	24/6	Blister	6000	550	5.39"	3.74"
		Med.	S6255 ★	60W	EFR3015/DIM/30 Dimmable	3000	82	24/6	Blister	6000	525	6.10"	3.74"



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Compact Fluorescent Lamps






Reflector Lamps (cont.)

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
23	BR38 	Med.	S6215 ★	85W	EFPAR3823/30	3000	82	24/6	Blister	6000	960	6.50"	4.72"
			Indoor/Outdoor Rated UL Listed Wet Location										
	R40 	Med.	S6214 ★	85W	EFR4023/30	3000	82	24/6	Blister	6000	920	6.50"	5.00"
			S6256	85W	EFR4023/DIM/30	3000	82	24/6	Blister	6000	920	7.00"	5.00"

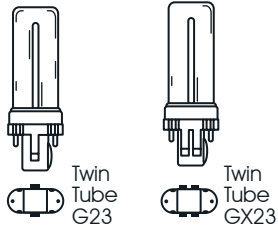
Circline Tube With Electronic Ballast

Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
22	Circline 	Med.	S6259	75W	EF/FC8/T9/WW	3000		12/6	Blister	10000	1060	2.99"	8.39"
			S6261	75W	EF/FC8/T9/D	6500		12/6	Blister	10000	1060	2.99"	8.39"

Export 230 Volt





Watts	Bulb	Base	Satco Product Number	Approx Incand Equiv	Lamp Code	Color Kelvin Temp	CRI	Master/Inner Carton	Pkg Type	Avg. Rated Hours	Initial Lumens	MOL (Length)	MOD (Diameter)
13	Mini Spiral 	Med.	S6247	60W	EFMSP13/50/230V	5000	82	24/6	Blister	10000	800	4.96"	1.81"
26	Mini Spiral 	Med.	S6248	100W	EFMSP26/50/230V	5000	82	24/6	Blister	10000	1600	5.94"	2.13"
11	R20 Long 	Med.	S6249	50W	EFR20L11/50/230V	5000	82	24/6	Blister	6000	330	4.96"	2.52"
15	Globe 	Med.	S6250	60W	EFG15/50/230V	5000	82	24/6	Blister	6000	720	5.39"	3.31"

compact fluorescent lamps

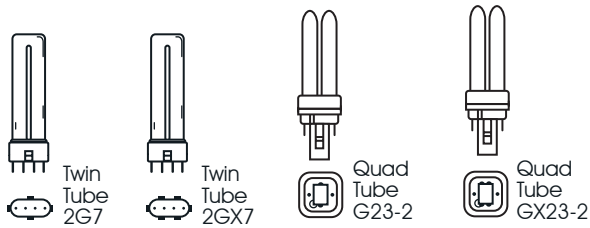


Plug In Lamps – ENV & ECO ▲





Twin Tube 2-Pin For Magnetic Ballasts

Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
5	T4	G23 	S6300	CFS5W/827	2700	82	50/5	Hang Box	10000	230	4.2"	
			S6700 ▲	CF5DS/827	2700	82	50	Box	10000	230	4.2"	
			S6301	CFS5W/841	4100	82	50/5	Hang Box	10000	230	4.2"	
			S6701 ▲	CF5DS/841	4100	82	50	Box	10000	230	4.2"	
7	T4	G23 	S6302	CFS7W/827	2700	82	50/5	Hang Box	10000	400	5.3"	
			S6702 ▲	CF7DS/827	2700	82	50	Box	10000	400	5.3"	
			S6303	CFS7W/835	3500	82	50/5	Hang Box	10000	400	5.3"	
			S6703 ▲	CF7DS/835	3500	82	50	Box	10000	400	5.3"	
			S6304	CFS7W/841	4100	82	50/5	Hang Box	10000	400	5.3"	
			S6704 ▲	CF7DS/841	4100	82	50	Box	10000	400	5.3"	
			S6305	CFS7W/850	5000	82	50/5	Hang Box	10000	400	5.3"	
			S6705 ▲	CF7DS/850	5000	82	50	Box	10000	400	5.3"	
9	T4	G23 	S6306	CFS9W/827	2700	82	50/5	Hang Box	10000	580	6.5"	
			S6706 ▲	CF9DS/827	2700	82	50	Box	10000	580	6.5"	
			S6307	CFS9W/835	3500	82	50/5	Hang Box	10000	580	6.5"	
			S6707 ▲	CF9DS/835	3500	82	50	Box	10000	580	6.5"	
			S6308	CFS9W/841	4100	82	50/5	Hang Box	10000	580	6.5"	
			S6708 ▲	CF9DS/841	4100	82	50	Box	10000	580	6.5"	
			S6309	CFS9W/850	5000	82	50/5	Hang Box	10000	580	6.5"	
			S6709 ▲	CF9DS/850	5000	82	50	Box	10000	580	6.5"	
13	T4	GX23 	S6310	CFS13W/827	2700	82	50/5	Hang Box	10000	800	7.1"	
			S6710 ▲	CF13DS/827	2700	82	50	Box	10000	800	7.1"	
			S6380	CFS13W/830	3000	82	50/5	Hang Box	10000	800	7.1"	
			S6780 ▲	CF13DS/830	3000	82	50	Box	10000	800	7.1"	
			S6311	CFS13W/835	3500	82	50/5	Hang Box	10000	800	7.1"	
			S6711 ▲	CF13DS/835	3500	82	50	Box	10000	800	7.1"	
			S6312	CFS13W/841	4100	82	50/5	Hang Box	10000	800	7.1"	
			S6712 ▲	CF13DS/841	4100	82	50	Box	10000	800	7.1"	
			S6313	CFS13W/850	5000	82	50/5	Hang Box	10000	800	7.1"	
			S6713 ▲	CF13DS/850	5000	82	50	Box	10000	800	7.1"	



Compact Fluorescent Lamps



Twin-Tube 4-Pin For Electronic & Dimming Ballasts

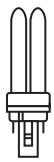
Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Carton	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
5	T4	2G7	 S6411 ▲	CF5DS/E/827	2700	82	50	Box	10000	230	3.4"	
			S6412 ▲	CF5DS/E/841	4100	82	50	Box	10000	230	3.4"	
7	T4	2G7	 S6413 ▲	CF7DS/E/827	2700	82	50	Box	10000	400	4.5"	
			S6414 ▲	CF7DS/E/841	4100	82	50	Box	10000	400	4.5"	
9	T4	2G7	 S6415 ▲	CF9DS/E/827	2700	82	50	Box	10000	580	5.7"	
			S6416 ▲	CF9DS/E/841	4100	82	50	Box	10000	580	5.7"	
13	T4	2GX7	 S6417 ▲	CF13DS/E/827	2700	82	50	Box	10000	800	6.2"	
			S6418 ▲	CF13DS/E/830	3000	82	50	Box	10000	800	6.2"	
			S6419 ▲	CF13DS/E/841	4100	82	50	Box	10000	800	6.2"	

Quad Tube 2-Pin For Magnetic Ballasts

Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
9	T4	G23-2	 S6314	CFD9W/827	2700	82	50/5	Hang Box	10000	525	4.3"	
			S6714 ▲	CF9DD/827	2700	82	50	Box	10000	525	4.3"	
			S6315	CFD9W/830	3000	82	50/5	Hang Box	10000	525	4.3"	
			S6715 ▲	CF9DD/830	3000	82	50	Box	10000	525	4.3"	
			S6316	CFD9W/835	3500	82	50/5	Hang Box	10000	525	4.3"	
			S6716 ▲	CF9DD/835	3500	82	50	Box	10000	525	4.3"	
13	T4	GX23-2	 S6317	CFD13W/827	2700	82	50/5	Hang Box	10000	780	4.6"	
			S6717 ▲	CF13DD/827	2700	82	50	Box	10000	780	4.6"	
			S6318	CFD13W/830	3000	82	50/5	Hang Box	10000	780	4.6"	
			S6718 ▲	CF13DD/830	3000	82	50	Box	10000	780	4.6"	
			S6319	CFD13W/835	3500	82	50/5	Hang Box	10000	780	4.6"	
			S6719 ▲	CF13DD/835	3500	82	50	Box	10000	780	4.6"	
			S6320	CFD13W/841	4100	82	50/5	Hang Box	10000	780	4.6"	
			S6720 ▲	CF13DD/841	4100	82	50	Box	10000	780	4.6"	

compact fluorescent lamps

Compact Fluorescent Lamps



Quad Tube
G24q-2



Quad Tube
GX32D-2



Quad Tube
G24D-3



Quad Tube
GX32D-3

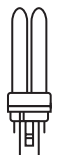


Quad Tube 2-Pin For Magnetic Ballasts *(cont.)*

Watts	Bulb	Base	Salco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
18	T4	G24q-2 	S6321	CFD18W/827	2700	82	50/5	Hang Box	10000	1250	6"	
			S6721 ▲	CF18DD/827	2700	82	50	Box	10000	1250	6"	
			S6322	CFD18W/830	3000	82	50/5	Hang Box	10000	1250	6"	
			S6722 ▲	CF18DD/830	3000	82	50	Box	10000	1250	6"	
			S6323	CFD18W/835	3500	82	50/5	Hang Box	10000	1250	6"	
			S6723 ▲	CF18DD/835	3500	82	50	Box	10000	1250	6"	
			S6324	CFD18W/841	4100	82	50/5	Hang Box	10000	1250	6"	
			S6724 ▲	CF18DD/841	4100	82	50	Box	10000	1250	6"	
22	T5	GX32D-2 	S2970 ■	FDL22LE/D	2800	84	50	Box	10000	1200	6"	
			S2971 ■	FDL22EX/D	5000	84	50	Box	10000	1200	6"	
26	T4	G24D-3 	S6325	CFD26W/827	2700	82	50/5	Hang Box	10000	1825	6.8"	
			S6725 ▲	CF26DD/827	2700	82	50	Box	10000	1825	6.8"	
			S6326	CFD26W/830	3000	82	50/5	Hang Box	10000	1825	6.8"	
			S6726 ▲	CF26DD/830	3000	82	50	Box	10000	1825	6.8"	
			S6327	CFD26W/835	3500	82	50/5	Hang Box	10000	1825	6.8"	
			S6727 ▲	CF26DD/835	3500	82	50	Box	10000	1825	6.8"	
			S6328	CFD26W/841	4100	82	50/5	Hang Box	10000	1825	6.8"	
			S6728 ▲	CF26DD/841	4100	82	50	Box	10000	1825	6.8"	
28	T5	GX32D-3 	S2972 ■	FDL28LE/D	2800	84	50	Box	10000	1600	6.8"	
			S2973 ■	FDL28EX/D	5000	84	50	Box	10000	1600	6.8"	

Compact fluorescent lamps

Compact Fluorescent Lamps



Quad Tube G24q-1



Quad Tube G24q-2



Quad Tube G24q-3

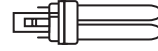


Triple Tube GX24D-2



Triple Tube GX24D-3

Quad Tube 4-Pin For Electronic & Dimming Ballasts



Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes	
13	T4	G24q-1		S6329	CFD13W/4P/827	2700	82	50/5	Hang Box	12000	900	5.2"	2
				S6729 ▲	CF13DD/E/827	2700	82	50	Box	12000	900	5.2"	2
				S6330	CFD13W/4P/830	3000	82	50/5	Hang Box	12000	900	5.2"	2
				S6730 ▲	CF13DD/E/830	3000	82	50	Box	12000	900	5.2"	2
				S6331	CFD13W/4P/835	3500	82	50/5	Hang Box	12000	900	5.2"	2
				S6731 ▲	CF13DD/E/835	3500	82	50	Box	12000	900	5.2"	2
				S6332	CFD13W/4P/841	4100	82	50/5	Hang Box	12000	900	5.2"	2
				S6732 ▲	CF13DD/E/841	4100	82	50	Box	12000	900	5.2"	2
18	T4	G24q-2		S6333	CFD18W/4P/827	2700	82	50/5	Hang Box	12000	1250	5.8"	2
				S6733 ▲	CF18DD/E/827	2700	82	50	Box	12000	1250	5.8"	2
				S6334	CFD18W/4P/830	3000	82	50/5	Hang Box	12000	1250	5.8"	2
				S6734 ▲	CF18DD/E/830	3000	82	50	Box	12000	1250	5.8"	2
				S6335	CFD18W/4P/835	3500	82	50/5	Hang Box	12000	1250	5.8"	2
				S6735 ▲	CF18DD/E/835	3500	82	50	Box	12000	1250	5.8"	2
				S6336	CFD18W/4P/841	4100	82	50/5	Hang Box	12000	1250	5.8"	2
				S6736 ▲	CF18DD/E/841	4100	82	50	Box	12000	1250	5.8"	2
26	T4	G24q-3		S6337	CFD26W/4P/827	2700	82	50/5	Hang Box	12000	1825	6.5"	2
				S6737 ▲	CF26DD/E/827	2700	82	50	Box	12000	1825	6.5"	2
				S6338	CFD26W/4P/830	3000	82	50/5	Hang Box	12000	1825	6.5"	2
				S6738 ▲	CF26DD/E/830	3000	82	50	Box	12000	1825	6.5"	2
				S6339	CFD26W/4P/835	3500	82	50/5	Hang Box	12000	1825	6.5"	2
				S6739 ▲	CF26DD/E/835	3500	82	50	Box	12000	1825	6.5"	2
				S6340	CFD26W/4P/841	4100	82	50/5	Hang Box	12000	1825	6.5"	2
				S6740 ▲	CF26DD/E/841	4100	82	50	Box	12000	1825	6.5"	2

Triple Tube 2-Pin For Magnetic Ballasts



Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Carton	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
18	T4	GX24D-2	S4367 ▲	CF18DT/827	2700	82	50	Box	12000	1200	4.8"	
26	T4	GX24D-3	S4368 ▲	CF26DT/827	2700	82	50	Box	12000	1800	5.4"	

compact fluorescent lamps

Compact Fluorescent Lamps



Triple Tube GX24q-1



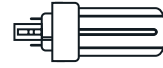
Triple Tube GX24q-2



Triple Tube GX24q-3



Triple Tube 4-Pin For Electronic & Dimming Ballasts



Watts	Bulb	Base	Salco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes	
13	T4	GX24q-1		S4369 ▲	CF13DT/E/827	2700	82	50	Box	12000	900	4.2"	2
				S6496	CFT13W/4P/830	3000	82	50/5	Hang Box	12000	900	4.2"	2
				S4370 ▲	CF13DT/E/830	3000	82	50	Box	12000	900	4.2"	2
				S6497	CFT13W/4P/835	3500	82	50/5	Hang Box	12000	900	4.2"	2
				S4371 ▲	CF13DT/E/835	3500	82	50	Box	12000	900	4.2"	2
				S6498	CFT13W/4P/841	4100	82	50/5	Hang Box	12000	900	4.2"	2
				S4372 ▲	CF13DT/E/841	4100	82	50	Box	12000	900	4.2"	2
18	T4	GX24q-2		S6741 ▲	CF18DT/E/IN/827	2700	82	50	Box	12000	1200	4.4"	2
				S6342	CFT18W/4P/830	3000	82	50/5	Hang Box	12000	1200	4.4"	2
				S6742 ▲	CF18DT/E/IN/830	3000	82	50	Box	12000	1200	4.4"	2
				S6343	CFT18W/4P/835	3500	82	50/5	Hang Box	12000	1200	4.4"	2
				S6743 ▲	CF18DT/E/IN/835	3500	82	50	Box	12000	1200	4.4"	2
				S6344	CFT18W/4P/841	4100	82	50/5	Hang Box	12000	1200	4.4"	2
				S6744 ▲	CF18DT/E/IN/841	4100	82	50	Box	12000	1200	4.4"	2
26	T4	GX24q-3		S6745 ▲	CF26DT/E/IN/827	2700	82	50	Box	12000	1800	5"	2
				S6346	CFT26W/4P/830	3000	82	50/5	Hang Box	12000	1800	5"	2
				S6746 ▲	CF26DT/E/IN/830	3000	82	50	Box	12000	1800	5"	2
				S6347	CFT26W/4P/835	3500	82	50/5	Hang Box	12000	1800	5"	2
				S6747 ▲	CF26DT/E/IN/835	3500	82	50	Box	12000	1800	5"	2
				S6348	CFT26W/4P/841	4100	82	50/5	Hang Box	12000	1800	5"	2
				S6748 ▲	CF26DT/E/IN/841	4100	82	50	Box	12000	1800	5"	2
32	T4	GX24q-3		S6749 ▲	CF32DT/E/IN/827	2700	82	50	Box	12000	2400	5.6"	2
				S6350	CFT32W/4P/830	3000	82	50/5	Hang Box	12000	2400	5.6"	2
				S6750 ▲	CF32DT/E/IN/830	3000	82	50	Box	12000	2400	5.6"	2
				S6351	CFT32W/4P/835	3500	82	50/5	Hang Box	12000	2400	5.6"	2
				S6751 ▲	CF32DT/E/IN/835	3500	82	50	Box	12000	2400	5.6"	2
				S6352	CFT32W/4P/841	4100	82	50/5	Hang Box	12000	2400	5.6"	2
				S6752 ▲	CF32DT/E/IN/841	4100	82	50	Box	12000	2400	5.6"	2

Compact fluorescent lamps

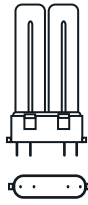
Compact Fluorescent Lamps



Triple Tube GX24q-4

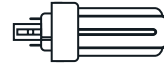


Triple Tube GX24q-5



Flat Tube 2G10

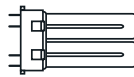
Triple Tube 4-Pin For Electronic & Dimming Ballasts *(cont.)*



Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Master/Inner Pack	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes	
42	T4	GX24q-4		S6753 ▲	CF42DT/E/IN/827	2700	82	50	Box	12000	3200	6.5"	2
				S6354	CFT42W/4P/830	3000	82	50/5	Hang Box	12000	3200	6.5"	2
				S6754 ▲	CF42DT/E/IN/830	3000	82	50	Box	12000	3200	6.5"	2
				S6355	CFT42W/4P/835	3500	82	50/5	Hang Box	12000	3200	6.5"	2
				S6755 ▲	CF42DT/E/IN/835	3500	82	50	Box	12000	3200	6.5"	2
				S6356	CFT42W/4P/841	4100	82	50/5	Hang Box	12000	3200	6.5"	2
				S6756 ▲	CF42DT/E/IN/841	4100	82	50	Box	12000	3200	6.5"	2

57	T4	GX24q-5		S6421 ▲	CF57DT/E/IN/827	2700	82	50	Box	12000	4300	7.76"	2
				S6422 ▲	CF57DT/E/IN/830	3000	82	50	Box	12000	4300	7.76"	2
				S6423 ▲	CF57DT/E/IN/835	3500	82	50	Box	12000	4300	7.76"	2
				S6424 ▲	CF57DT/E/IN/841	4100	82	50	Box	12000	4300	7.76"	2

Flat Tube 4-Pin For Electronic Ballasts



Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Carton	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
18	T5	2G10		S6772 ▲	CF18DF/830	3000	82	10	Box	10000	1100	4.8"
				S6773 ▲	CF18DF/841	4100	82	10	Box	10000	1100	4.8"
24	T5	2G10		S6774 ▲	CF24DF/830	3000	82	10	Box	10000	1700	6.7"
				S6775 ▲	CF24DF/841	4100	82	10	Box	10000	1700	6.7"
36	T5	2G10		S6776 ▲	CF36DF/830	3000	82	10	Box	10000	2800	8.5"
				S6777 ▲	CF36DF/841	4100	82	10	Box	10000	2800	8.5"

compact fluorescent lamps



Long Twin Tube 4-Pin For Electronic Ballasts



Watts	Bulb	Base	Satco Product Number	Lamp Code	CCT (K)	CRI	Carton	Pkg Type	Avg. Rated Hours	Lumens	MOL	Notes
18	T5	2G11 	S6757 ▲	FT18DL/830	3000	82	10	Box	12000	1250	9"	
			S2964 ▲	FT18DL/830/RS	3000	82	10	Box	20000	1250	10.5"	
			S6758 ▲	FT18DL/835	3500	82	10	Box	12000	1250	9"	
			S2965 ▲	FT18DL/835/RS	3500	82	10	Box	20000	1250	10.5"	
			S6759 ▲	FT18DL/841	4100	82	10	Box	12000	1250	9"	
			S2966 ▲	FT18DL/841/RS	4100	82	10	Box	20000	1250	10.5"	
24	T5	2G11 	S6760 ▲	FT24DL/830	3000	82	10	Box	12000	1800	12.9"	1
			S6761 ▲	FT24DL/835	3500	82	10	Box	12000	1800	12.9"	1
			S6762 ▲	FT24DL/841	4100	82	10	Box	12000	1800	12.9"	1
36	T5	2G11 	S6763 ▲	FT36DL/830	3000	82	10	Box	12000	2900	16.6"	1
			S6764 ▲	FT36DL/835	3500	82	10	Box	12000	2900	16.6"	1
			S6765 ▲	FT36DL/841	4100	82	10	Box	12000	2900	16.6"	1
40	T5	2G11 	S6766 ▲	FT40DL/830/RS	3000	82	10	Box	20000	3150	22.6"	
			S6767 ▲	FT40DL/835/RS	3500	82	10	Box	20000	3150	22.6"	
			S6768 ▲	FT40DL/841/RS	4100	82	10	Box	20000	3150	22.6"	
50	T5	2G11 	S2967 ▲	PLL50W/30/RS	3000	82	25	Box	14000	4300	22.5"	
			S2968 ▲	PLL50W/35/RS	3500	82	25	Box	14000	4300	22.5"	
			S2969 ▲	PLL50W/41/RS	4100	82	25	Box	14000	4300	22.5"	
55	T5	2G11 	S6769 ▲	FT55DL/835	3000	82	10	Box	12000	4800	21.1"	
			S6770 ▲	FT55DL/835	3500	82	10	Box	12000	4800	21.1"	
			S6771 ▲	FT55DL/841	4100	82	10	Box	12000	4800	21.1"	

Compact Fluorescent Lamps

Compact Fluorescent Cross References

Satco/ENV		Sylvania		Philips		GE		NEMA Generic	
Order Code		Order Code							
S6300	CFT5W/827	S6700	CF5DS/827	PL-S5W/827		F5BX/SPX27/827		CFT5W/G23/841	
S6301	CFT5W/841	S6701	CF5DS/841	No Equal		F5BX/SPX41/840		CFT5W/G23/827	
S6302	CFT7W/827	S6702	CF7DS/827	PL-S7W/827		F7BX/SPX27/827		CFT7W/G23/827	
S6303	CFT7W/835	S6703	CF7DS/835	PL-S7W/835		F7BX/SPX35/835		CFT7W/G23/835	
S6304	CFT7W/841	S6704	CF7DS/841	PL-S7W/841		F7BX/SPX41/840		CFT7W/G23/841	
S6305	CFT7W/850	S6705	CF7DS/850	PL-S7W/850		No Equal		CFT7W/G23/850	
S6306	CFT9W/827	S6706	CF9DS/827	PL-S9W/827		F9BX/SPX27/827		CFT9W/G23/827	
S6307	CFT9W/835	S6707	CF9DS/835	PL-S9W/835		F9BX/SPX35/835		CFT9W/G23/835	
S6308	CFT9W/841	S6708	CF9DS/841	PL-S9W/841		F9BX/SPX41/840		CFT9W/G23/841	
S6309	CFT9W/850	S6709	CF9DS/850	PL-S9W/850		No Equal		CFT9W/G23/850	
S6310	CFT13W/827	S6710	CF13DS/827	PL-S13W/827		F13BX/SPX27/827		CFT13W/GX23/827	
S6380	CFT13W/830	S6780	CF13DS/830	PL-S13W/830		F13BX/SPX30/830		CFT13W/GX23/830	
S6311	CFT13W/835	S6711	CF13DS/835	PL-S13W/835		F13BX/SPX35/835		CFT13W/GX23/835	
S6312	CFT13W/841	S6712	CF13DS/841	PL-S13W/841		F13BX/SPX41/840		CFT13W/GX23/841	
S6313	CFT13W/850	S6713	CF13DS/850	PL-S13W/850		F13BX/SPX50		CFT13W/GX23/850	
		S6411	CF5DS/E/827	No Equal		No Equal		CFT5W/2G7/827	
		S6412	CF5DS/E/841	No Equal		No Equal		CFT5W/2G7/841	
		S6413	CF7DS/E/827	No Equal		No Equal		CFT7W/2G7/827	
		S6414	CF7DS/E/841	No Equal		No Equal		CFT7W/2G7/841	
		S6415	CF9DS/E/827	No Equal		No Equal		CFT9W/2G7/827	
		S6416	CF9DS/E/841	No Equal		No Equal		CFT9W/2G7/841	
		S6417	CF13DS/E/827	No Equal		No Equal		CFT13W/2GX7/827	
		S6418	CF13DS/E/830	No Equal		No Equal		CFT13W/2GX7/830	
		S6419	CF13DS/E/841	No Equal		No Equal		CFT13W/2GX7/841	
S6314	CFD9W/827	S6714	CF9DD/827	No Equal		F9DBX23T4/SPX27		CFQ9W/G23/827	
S6315	CFD9W/830	S6715	CF9DD/830	No Equal		No Equal		CFQ9W/G23/830	
S6316	CFD9W/835	S6716	CF9DD/835	No Equal		No Equal		CFQ9W/G23/835	
S6317	CFD13W/827	S6717	CF13DD/827	PL-C13W/827/USA		F13DBX23T4/SPX27		CFQ13W/GX23/827	
S6318	CFD13W/830	S6718	CF13DD/830	PL-C13W/830/USA		F13DBX23T4/SPX30		CFQ13W/GX23/830	
S6319	CFD13W/835	S6719	CF13DD/835	PL-C13W/835/USA		F13DBX23T4/SPX35		CFQ13W/GX23/835	
S6320	CFD13W/841	S6720	CF13DD/841	PL-C13W/841/USA		F13DBX23T4/SPX41		CFQ13W/GX23/841	
S6321	CFD18W/827	S6721	CF18DD/827	PL-C18W/827		F18DBXT4/SPX27		CFQ18W/G24d/827	
S6322	CFD18W/830	S6722	CF18DD/830	PL-C18W/830		F18DBXT4/SPX30		CFQ18W/G24d/830	
S6323	CFD18W/835	S6723	CF18DD/835	PL-C18W/835		F18DBXT4/SPX35		CFQ18W/G24d/835	
S6324	CFD18W/841	S6724	CF18DD/841	PL-C18W/841		F18DBXT4/SPX41		CFQ18W/G24d/841	
S2970	FDL22LE/D		No Equal	PL-C15MM/22W/827		No Equal		CFQ20W/GX32d/827	
S2971	FDL22EX/D		No Equal	No Equal		No Equal		CFQ20W/GX32d/850	
S6325	CFD26W/827	S6725	CF26DD/827	PL-C26W/827		F26DBXT4/827		CFQ26W/G24d/827	
S6326	CFD26W/830	S6726	CF26DD/830	PL-C26W/830		F26DBXT4/830		CFQ26W/G24d/830	
S6327	CFD26W/835	S6727	CF26DD/835	PL-C26W/835		F26DBXT4/835		CFQ26W/G24d/835	
S6328	CFD26W/841	S6728	CF26DD/841	PL-C26W/841		F26DBXT4/841		CFQ26W/G24d/841	
S2972	FDL28LE/D		No Equal	PL-C15MM/28W/827		No Equal		CFQ27W/GX32d/827	
S2973	FDL28EX/D		No Equal	No Equal		No Equal		CFQ27W/GX32d/850	
S6329	CFD13W/4P/827	S6729	CF13DD/E/827	PL-C13W/827/4P		F13DBX/SPX27/4P		CFQ13W/G24q/827	
S6330	CFD13W/4P/830	S6730	CF13DD/E/830	PL-C13W/830/4P		F13DBX/SPX30/4P		CFQ13W/G24q/830	
S6331	CFD13W/4P/835	S6731	CF13DD/E/835	PL-C13W/835/4P		F13DBX/SPX35/4P		CFQ13W/G24q/835	
S6332	CFD13W/4P/841	S6732	CF13DD/E/841	PL-C13W/841/4P		F13DBX/SPX41/4P		CFQ13W/G24q/841	
S6333	CFD18W/4P/827	S6733	CF18DD/E/827	PL-C18W/827/4P		F18DBX/SPX27		CFQ18W/G24q/827	
S6334	CFD18W/4P/830	S6734	CF18DD/E/830	PL-C18W/830/4P		F18DBX/SPX30		CFQ18W/G24q/830	
S6335	CFD18W/4P/835	S6735	CF18DD/E/835	PL-C18W/835/4P		F18DBX/SPX35		CFQ18W/G24q/835	

compact fluorescent lamps

Compact Fluorescent Cross References

Satco/ENV	Sylvania	Philips	GE	NEMA Generic		
Order Code	Order Code					
S6336	CFD18W/4P/841	S6736	CF18DD/E/841	PL-C18W/841/4P	F18DBX/SPX41	CFQ18W/G24q/841
S6337	CFD26W/4P/827	S6737	CF26DD/E/827	PL-C26W/827/4P	F26DBXT4/SPX27/4P	CFQ26W/G24q/827
S6338	CFD26W/4P/830	S6738	CF26DD/E/830	PL-C26W/830/4P	F26DBXT4/SPX30/4P	CFQ26W/G24q/830
S6339	CFD26W/4P/835	S6739	CF26DD/E/835	PL-C26W/835/4P	F26DBXT4/SPX35/4P	CFQ26W/G24q/835
S6340	CFD26W/4P/841	S6740	CF26DD/E/841	PL-C26W/841/4P	F26DBXT4/SPX41/4P	CFQ26W/G24q/841
		S6420	CF13DT/E/827	No Equal	F13TBX/SPX27/A/4P	CFTR13W/GX24q/827
	CFT13W/4P/830	S6496	CF13DT/E/830	No Equal	F13TBX/SPX30/A/4P	CFTR13W/GX24q/830
	CFT13W/4P/835	S6497	CF13DT/E/835	No Equal	F13TBX/SPX35/A/4P	CFTR13W/GX24q/835
	CFT13W/4P/841	S6498	CF13DT/E/841	No Equal	F13TBX/SPX41/A/4P	CFTR13W/GX24q/841
		S6741	CF18DT/E/IN/827	PL-T18W/827/4P	F18TBX/SPX27/A/4P	CFTR18W/GX24q/827
S6342	CFT18W/4P/830	S6742	CF18DT/E/IN/830	PL-T18W/830/4P	F18TBX/SPX30/A/4P	CFTR18W/GX24q/830
S6343	CFT18W/4P/835	S6743	CF18DT/E/IN/835	PL-T18W/835/4P	F18TBX/SPX35/A/4P	CFTR18W/GX24q/835
S6344	CFT18W/4P/841	S6744	CF18DT/E/IN/841	PL-T18W/841/4P	F18TBX/SPX41/A/4P	CFTR18W/GX24q/841
		S6745	CF26DT/E/IN/827	PL-T26W/827/4P	F26TBX/SPX27/A/4P	CFTR26W/GX24q/827
S6346	CFT26W/4P/830	S6746	CF26DT/E/IN/830	PL-T26W/830/4P	F26TBX/SPX30/A/4P	CFTR26W/GX24q/830
S6347	CFT26W/4P/835	S6747	CF26DT/E/IN/835	PL-T26W/835/4P	F26TBX/SPX35/A/4P	CFTR26W/GX24q/835
S6348	CFT26W/4P/841	S6748	CF26DT/E/IN/841	PL-T26W/841/4P	F26TBX/SPX41/A/4P	CFTR26W/GX24q/841
		S6749	CF32DT/E/IN/827	PL-T32W/827/4P	F32TBX/SPX27/A/4P	CFTR32W/GX24q/827
S6750	CFT32W/4P/830	S6750	CF32DT/E/IN/830	PL-T32W/830/4P	F32TBX/SPX30/A/4P	CFTR32W/GX24q/830
S6751	CFT32W/4P/835	S6751	CF32DT/E/IN/835	PL-T32W/835/4P	F32TBX/SPX35/A/4P	CFTR32W/GX24q/835
S6752	CFT32W/4P/841	S6752	CF32DT/E/IN/841	PL-T32W/841/4P	F32TBX/SPX41/A/4P	CFTR32W/GX24q/841
		S6753	CF42DT/E/IN/827	PL-T42W/827/4P	F42TBX/827/A/4P/EOL	CFTR42W/GX24q/827
S6754	CFT42W/4P/830	S6754	CF42DT/E/IN/830	PL-T42W/830/4P	F42TBX/827/A/4P/EOL	CFTR42W/GX24q/830
S6755	CFT42W/4P/835	S6755	CF42DT/E/IN/835	PL-T42W/835/4P	F42TBX/827/A/4P/EOL	CFTR42W/GX24q/835
S6756	CFT42W/4P/841	S6756	CF42DT/E/IN/841	PL-T42W/841/4P	F42TBX/827/A/4P/EOL	CFTR42W/GX24q/841
		S6421	CF57DT/E/IN/827	No Equal	F57QBX/827/A/4P/EOL	CFTR57W/GX24q/827
		S6422	CF57DT/E/IN/830	PL-H60W/830/4P	F57QBX/830/A/4P/EOL	CFTR57W/GX24q/830
		S6423	CF57DT/E/IN/835	No Equal	F57QBX/835/A/4P/EOL	CFTR57W/GX24q/835
		S6424	CF57DT/E/IN/841	PL-H60W/841/4P	F57QBX/841/A/4P/EOL	CFTR57W/GX24q/841
		S6757	FT18DL/830	PL-L18W/830	F18BX/SPX30	FT18W/2G11/830
		S2964	FT18/DL/830/RS	No Equal	F18BX/SPX30/RS	FT18W/2G11/RS/830
		S6758	FT18DL/835	PL-L18W/835	F18BX/SPX35	FT18W/2G11/835
		S2965	FT18DL/835/RS	No Equal	F18BX/SPX35/RS	FT18W/2G11/RS/835
		S6759	FT18DL/841	PL-L18W/841	F18BX/SPX41	FT18W/2G11/841
		S2966	FT18DL/841/RS	No Equal	F18BX/SPX41/RS	FT18W/2G11/RS/841
		S6760	FT24DL/830	PL-L24W/830	F27BX/SPX30/RS	FT24W/2G11/830
		S6761	FT24DL/835	PL-L24W/835	F27BX/SPX35/RS	FT24W/2G11/835
		S6762	FT24DL/841	PL-L24/841	F27BX/SPX41/RS	FT24W/2G11/841
		S6763	FT36DL/830	PL-L36W/830	F39BX/SPX30/RS	FT36W/2G11/830
		S6764	FT36DL/835	PL-L36W/835	F39BX/SPX35/RS	FT36W/2G11/835
		S6765	FT36DL/841	PL-L36W/841	F39BX/SPX41/RS	FT36W/2G11/841
		S6766	FT40DL/830/RS	PL-L40W/830/RS/IS	F40/30BX/SPX30	FT40W/2G11/RS/830
		S6767	FT40DL/835/RS	PL-L40W/835/RS/IS	F40/30BX/SPX35	FT40W/2G11/RS/835
		S6768	FT40DL/841/RS	PL-L40W/841/RS/IS	F40/30BX/SPX41	FT40W/2G11/RS/841
S2967 ▲	PL-L50W/830/RS		No Equal	PL-L50W/830/RS	F50BX/SPX30/RS	FT50W/2G11/RS/830
S2968 ▲	PL-L50W/835/RS		No Equal	PL-L50W/835/RS	F50BX/SPX35/RS	FT50W/2G11/RS/835
S2969 ▲	PL-L50W/841/RS		No Equal	PL-L50W/841/RS	F50BX/SPX41/RS	FT50W/2G11/RS/841
		S6769	FT55DL/830/RS	No Equal	F55BX/830	FT55W/2G11/RS/830
		S6770	FT55DL/835/RS	No Equal	F55BX/835	FT55W/2G11/RS/835
		S6771	FT55DL/841/RS	No Equal	F55BX/841	FT55W/2G11/RS/841

Compact Fluorescent Lamps Notes

CF General Notes

■ = Product by a manufacturer other than Satco

▲ = Product by one of the Primary lamp manufacturers



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 & state regulations. For more information, please visit www.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.

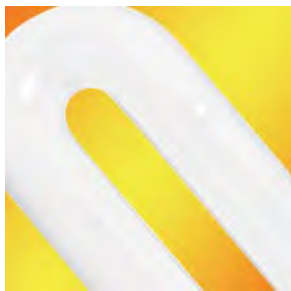
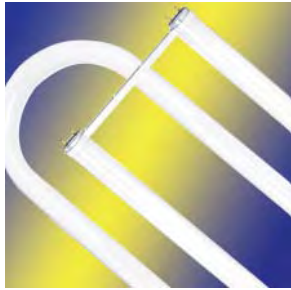
There is a NEMA supported, industry issue where T2, T4, and T5 fluorescent and compact fluorescent lamps operated on high frequency ballasts may experience an abnormal end-of-life phenomenon. This end-of-life phenomenon can result in one or both of the following: 1. Bulb wall cracking near the lamp base. 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 www.NEMA.org.

CF 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 operated 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 (lamp) sensing circuits.

Fluorescent





Fluorescent Basics

HOW IT WORKS

The glass tube of a fluorescent lamp is filled with a gas containing argon and mercury vapor. The interior wall of the tube is coated with a paint known as phosphor. At each end of the tube, electrodes send electrons through the gas causing it to emit ultraviolet light. As the ultraviolet light passes through the phosphor coating, it is converted into a longer frequency to create visible light. The glass tube of the bulb prevents the harmful UV rays from escaping. Fluorescent lamps are more efficient than incandescent lamps because less energy is converted to heat. Instead, most of the energy used creates visible light.

Color Advancements

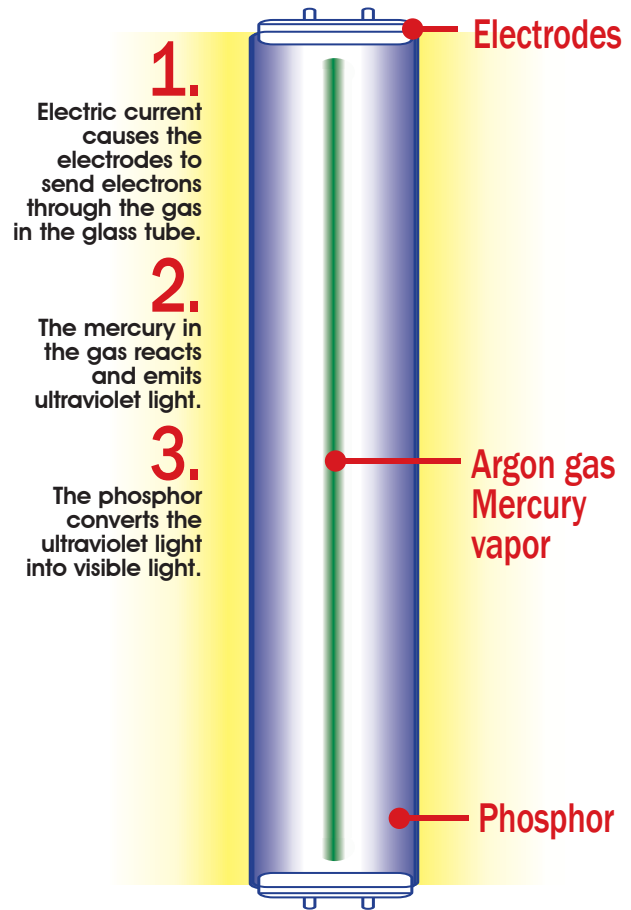
The phosphor coating on pioneer fluorescent lamps, called "halophosphate," was a single-color band phosphor that produced "cool white" light. This light resembles daylight, but it is weak in the green and red part of the spectrum and stronger on the yellows. This imbalance distorts visual perception of color, but for many years the cool white halophosphate fluorescent was the only choice available.

"Warm white" and "daylight" lamps improved color for fluorescents. These lamps also used halophosphate, but they were designed to achieve certain effects: "warm" to resemble incandescent light, and "daylight" to create an effect similar to natural light. Still, these lamps fell short in their ability to render colors accurately.

Full spectrum, natural and deluxe represent just a few lamp types that improved fluorescent color performance over the years. However, each type usually sacrifices light output.



Color Temp	Warm	Neutral	Cool	Daylight
Kelvin Range	300K	3500K	4100K	5000K
Effect & Mood	Warm & Friendly	Inviting & Comfortable	Clean & Roganized	Bright & Alert
Application	Homes & Restaurants	Showrooms & Reception Offices	Office & Hospitals	Galleries & Jewelry Display

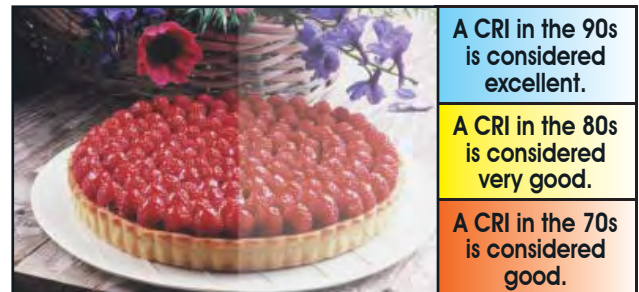


Triphosphorous Lamps

Today's fluorescent lamps use a triphosphor coating containing specific color bands of red, green and blue. These lamps render colors much more accurately than their halophosphate counterparts.

The new generation of fluorescent products are rated by CRI (color rendering index) and by color temperature (in Kelvins). CRI rates a fluorescent lamp's ability to render color as accurately as incandescent light or natural daylight, with 100 representing the top of the scale.

Kelvin color temperature refers to the tone of the light. A lamp that produces light for example in the 2700K range is similar in color to an incandescent lamp: warm and inviting. Other color temperatures—3000K, 3500K, 4100K, 5000K and 6500K—are made to work in specific environments for mood and color matching.



Technology to Watch: T5 Lamps

T5 linear lamps are the latest triphosphor lamps to take center stage. Their slim, 5/8-inch diameter and smaller ballasts have given product designers a fresh concept for approaching energy-efficient lighting.


T5 lamps are available in 14, 21, 28 and 35 watts and high-output versions come in 24-, 39-, 54-, and 80-watt models. Standard and high-output T5 lamps maintain more than 95 percent of their light output at 40 percent of their rated life (about 8,000 hours). Their improved phosphor coating reduces the mercury absorption and ensures a long, high-performance life. Compared to T8 lamps, which perform best at 77° F, T5 lamps work best at 95° F. So standard and high-output T5 lamps are well suited for enclosed fixture applications.

This new breed of T5 lamps cannot be interchanged with T8 lamps or operated on a T8 ballast. Many new lighting systems have been designed specifically for the T5, which improves optical control due to the smaller size of the lamp. The T5's high efficacy means that fewer lamps are required and its improved lumen maintenance results in fewer relampings.



Special Application Products

At Your Disposal



Although fluorescent lamps contain mercury, the amount in a single bulb is too small to require special handling by federal disposal standards. However, a few states and localities prohibit fluorescent lamps from being thrown out with household trash. Consult your local waste disposal officials for regulations in your area. Or visit www.lamprecycle.org for Web links to individual state rules. Many cities offer recycling facilities for the mercury and glass tubes of fluorescent lamps. Visit www.earth911.org to find your closest lamp recycling facility by zip code.

Since fluorescent lamps are widely used in commercial applications, there have been many special-use products made.

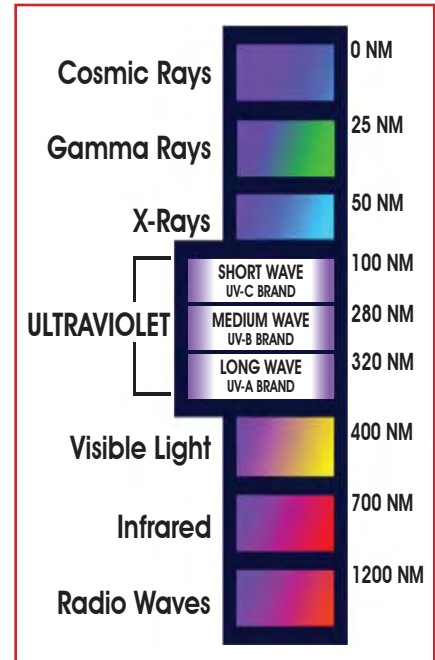
Cold weather lamps are made with heavier glass tubes and are filled with krypton gas. They work best in cold environments.

High Output (HO) and Very High Output (VHO) lamps are designed to be used with ballasts that supply a higher current arc within the tube.

The lamp and ballast combinations are usually just as efficient as standard fluorescent lamps.

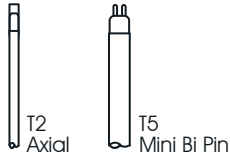
However, since they produce a higher lumen output, fewer lamps are needed. Typical uses are sign and display applications. Extra care is required in certain uses because these lamps emit higher amounts of UV than standard fluorescent lamps.

Fluorescent lamps, by the nature of their design, can be modified to perform at different wavelengths. These wavelengths, rated in nanometers, can be created/modified by a particular phosphor mix or no phosphors at all. Germicidal lamps, for example, use no phosphor and operate in the 253.7 nanometer range, emitting shortwave UV rays to kill germs in water filtration systems, air cleaners, etc.



Suntan fluorescent lamps are another UV light source, functioning in the 315 to 345 nanometer range. These lamps should be handled with care and used only as instructed. UV rays are harmful to the eyes and skin.

A few other types of special purpose lamps are black lights, plant lights and lamps for photocopiers. Each operates at a designated wavelength and may use a specific phosphor mix.



T2 Subminiature Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
6		Axial	S6488 ▲	FM6/830	Warm	3000K	80	20	10000	330	8.6"	8.6"	5
			S2900 ▲	FM6/835	Neutral	3500K	80	20	10000	330	8.6"	8.6"	5
			S6489 ▲	FM6/841	Cool	4100K	80	20	10000	330	8.6"	8.6"	5
8		Axial	S6490 ▲	FM8/830	Warm	3000K	80	20	10000	540	12.6"	12.6"	5
			S2901 ▲	FM8/835	Neutral	3500K	80	20	10000	540	12.6"	12.6"	5
			S6491 ▲	FM8/841	Cool	4100K	80	20	10000	540	12.6"	12.6"	5
11		Axial	S6492 ▲	FM11/830	Warm	3000K	80	20	10000	750	16.6"	16.6"	5
			S2902 ▲	FM11/835	Neutral	3500K	80	20	10000	750	16.6"	16.6"	5
			S6493 ▲	FM11/841	Cool	4100K	80	20	10000	750	16.6"	16.6"	5
13		Axial	S6494 ▲	FM13/830	Warm	3000K	80	20	10000	930	20.6"	20.6"	5
			S2903 ▲	FM13/835	Neutral	3500K	80	20	10000	930	20.6"	20.6"	5
			S6495 ▲	FM13/841	Cool	4100K	80	20	10000	930	20.6"	20.6"	5

T5 Preheat Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
4		Mini Bi Pin	S1900	F4T5/CW	Cool White	4100	60	20	5000	135	6"	5.91"	
			S2908	F4T5/D	Daylight	6500	75	20	5000	115	6"	5.91"	
			S2904	F4T5/BL	Black Light	n/a	n/a	20	5000	n/a	6"	5.91"	1
			S6405	F4T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	6"	5.91"	2
6		Mini Bi Pin	S1902	F6T5/CW	Cool White	4200	62	20	5000	270	9"	8.91"	
			S2909	F6T5/D	Daylight	6500	76	20	5000	260	9"	8.91"	
			S2905	F6T5/BL	Black Light	n/a	n/a	20	5000	n/a	9"	8.91"	1
			S2907	F6T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	9"	8.91"	2
8		Mini Bi Pin	S1905	F8T5/WW	Warm White	3000	52	20	5000	400	12"	11.91"	
			S1904	F8T5/CW	Cool White	4200	62	20	5000	390	12"	11.91"	
			S2910	F8T5/D	Daylight	6500	76	20	5000	350	12"	11.91"	
			S2906	F8T5/BL	Black Light	n/a	n/a	20	5000	n/a	12"	11.91"	1
			S6406	F8T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	12"	11.91"	2
13		Mini Bi Pin	S1907	F13T5/WW	Warm White	3000	52	20	5000	880	21"	20.91"	
			S1906	F13T5/CW	Cool White	4200	62	20	5000	860	21"	20.91"	
			S2911	F13T5/D	Daylight	6500	76	20	5000	780	21"	20.91"	

Fluorescent Lamps



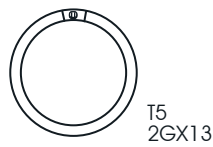
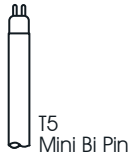
T5 High Performance Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
14		Mini Bipin	S6425 ▲	FP14/830/ECO	Warm	3000	82	40	20000	1275	24"	22.2"	
			S6426 ▲	FP14/835/ECO	Neutral	3500	82	40	20000	1275	24"	22.2"	
			S6427 ▲	FP14/841/ECO	Cool	4100	82	40	20000	1275	24"	22.2"	
21		Mini Bipin	S6428 ▲	FP21/830/ECO	Warm	3000	82	40	20000	2000	36"	34"	
			S6429 ▲	FP21/835/ECO	Neutral	3500	82	40	20000	2000	36"	34"	
			S6430 ▲	FP21/841/ECO	Cool	4100	82	40	20000	2000	36"	34"	
28		Mini Bipin	S6431 ▲	FP28/830/ECO	Warm	3000	82	40	20000	2750	48"	45.8"	
			S6432 ▲	FP28/835/ECO	Neutral	3500	82	40	20000	2750	48"	45.8"	
			S6435 ▲	FP28/841/ECO	Cool	4100	82	40	20000	2750	48"	45.8"	
35		Mini Bipin	S6434 ▲	FP35/830/ECO	Warm	3000	82	40	20000	3425	60"	57.6"	
			S6435 ▲	FP35/835/ECO	Neutral	3500	82	40	20000	3425	60"	57.6"	
			S6436 ▲	FP35/841/ECO	Cool	4100	82	40	20000	3425	60"	57.6"	

T5 HO High Performance Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
24		Mini Bipin	S6437 ▲	FP24/830/HO/ECO	Warm	3000	82	40	20000	1875	24"	22.2"	
			S6438 ▲	FP24/835/HO/ECO	Neutral	3500	82	40	20000	1875	24"	22.2"	
			S6439 ▲	FP24/841/HO/ECO	Cool	4100	82	40	20000	1875	24"	22.2"	
39		Mini Bipin	S6440 ▲	FP39/830/HO/ECO	Warm	3000	82	40	20000	3300	36"	34"	
			S6441 ▲	FP39/835/HO/ECO	Neutral	3500	82	40	20000	3300	36"	34"	
			S6442 ▲	FP39/841/HO/ECO	Cool	4100	82	40	20000	3300	36"	34"	
54		Mini Bipin	S6443 ▲	FP54/830/HO/ECO	Warm	3000	82	40	20000	4725	48"	45.8"	
			S6444 ▲	FP54/835/HO/ECO	Neutral	3500	82	40	20000	4725	48"	45.8"	
			S6445 ▲	FP54/841/HO/ECO	Cool	4100	82	40	20000	4725	48"	45.8"	
80		Mini Bipin	S6446 ▲	FP80/830/HO/ECO	Warm	3000	82	40	20000	6575	60"	57.6"	
			S6447 ▲	FP80/835/HO/ECO	Neutral	3500	82	40	20000	6575	60"	57.6"	
			S6448 ▲	FP80/841/HO/ECO	Cool	4100	82	40	20000	6575	60"	57.6"	

fluorescent lamps



T5 Circline High Performance Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Diameter	Notes
22	T5	2GX13	S2955 ▲	FPC22/830	Warm	3000	82	12	12000	1800	8"	
			S2956 ▲	FPC22/835	Neutral	3500	82	12	12000	1800	8"	
			S2957 ▲	FPC22/841	Cool	4100	82	12	12000	1800	8"	
40	T5	2GX13	S2958 ▲	FPC40/830	Warm	3000	82	12	12000	3200	12"	
			S2959 ▲	FPC40/835	Neutral	3500	82	12	12000	3200	12"	
			S2960 ▲	FPC40/841	Cool	4100	82	12	12000	3200	12"	
55	T5	2GX13	S2961 ▲	FPC55/830/HO	Warm	3000	82	12	12000	4000	16"	
			S2962 ▲	FPC55/835/HO	Neutral	3500	82	12	12000	4000	16"	
			S2963 ▲	FPC55/841/HO	Cool	4100	82	12	12000	4000	16"	

T6 & T8 Instant Start Slimline Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
25	T6	Single Pin	S6470 ▲	F42T6/WW	Warm White	3000	52	24	7500	1825	42"	40"	
			S2929 ▲	F42T6/D35	Neutral	3500	70	24	7500	1830	42"	40"	
			S6471 ▲	F42T6/CW	Cool White	4200	62	24	7500	1750	42"	40"	
			S6591 ▲	F42T6/CW/TF	Cool White	4200	62	24	7500	1750	42"	40"	9
38	T6	Single Pin	S6473 ▲	F64T6/WW	Warm White	3000	52	24	7500	2900	64"	62"	
			S6474 ▲	F64T6/D35	Neutral	3500	70	24	7500	2930	64"	62"	
			S6475 ▲	F64T6/CW	Cool White	4200	62	24	7500	2800	64"	62"	
			S6592 ▲	F64T6/CW/TF	Cool White	4200	62	24	7500	2800	64"	62"	9
38	T8	Single Pin	S6477 ▲	F72T8/WW	Warm White	3000	52	24	7500	3100	72"	70"	
			S6478 ▲	F72T8/CW	Cool White	4200	62	24	7500	3050	72"	70"	
			S6476 ▲	F72T8/D	Daylight	6500	76	24	7500	2288	72"	70"	
51	T8	Single Pin	S2930 ▲	F96T8/CW	Cool White	4200	62	24	7500	4000	96"	94"	
			S2931 ▲	F96T8/D	Daylight	6500	76	24	7500	3550	96"	94"	

fluorescent lamps

Fluorescent Lamps



T8
Med Bi Pin

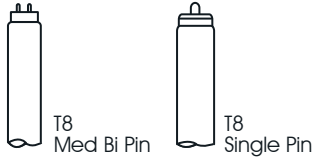
T8 Preheat Lamps (Magnetic Ballast)

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
15		Med Bi Pin	S6512 ▲	F15T8/WW	Warm White	3000	52	24	7500	845	18"	17.78"	
			S6510 ▲	F15T8/CW	Cool White	4100	62	24	7500	850	18"	17.78"	
			S6665 ■	F15T8/SUN	Full Spec	6250	94.5	6	12000	600	18"	17.78"	
			S6511 ▲	F15T8/D	Daylight	6500	76	24	7500	750	18"	17.78"	
			S4574 ■	F15T8/BL	Black Light	n/a	n/a	25	7500	n/a	18"	17.78"	1
			S6407 ■	F15T8/BLB	Blk Lt Blue	n/a	n/a	20	7500	n/a	18"	17.78"	2
18		Med Bi Pin	S6513 ▲	F18T8/CW/K24	Cool White	4100	62	24	7500	1035	24"	23.78"	3
			S6514 ▲	F18T8/CW/K26	Cool White	4100	62	24	7500	1079	26"	25.78"	3
			S6515 ▲	F18T8/CW/K28	Cool White	4100	62	24	7500	1131	28"	27.78"	3
			S6516 ▲	F18T8/CW/K30	Cool White	4100	62	24	7500	1200	30"	29.78"	3
30		Med Bi Pin	S6519 ▲	F30T8/WW	Warm White	3000	52	24	7500	2150	36"	35.78"	
			S6517 ▲	F30T8/CW	Cool White	4100	62	24	7500	1380	36"	35.78"	
			S6518 ▲	F30T8/D	Daylight	6500	76	24	7500	2180	36"	35.78"	

T8 Instant / Rapid Start Lamps (Electronic Ballast) 24" & 36"

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
17		Med. Bi Pin	S6520 ▲	F17T8/730/ECO	Warm	3000	75	30	20000	1300	24"	23.78"	4
			S6523 ▲	F17T8/830/ECO	Warm	3000	82	30	20000	1400	24"	23.78"	4
			S6521 ▲	F17T8/735/ECO	Neutral	3500	75	30	20000	1300	24"	23.78"	4
			S6524 ▲	F17T8/835/ECO	Neutral	3500	82	30	20000	1400	24"	23.78"	4
			S6522 ▲	F17T8/741/ECO	Cool	4100	75	30	20000	1300	24"	23.78"	4
			SHATTER PROOF S6583 ▲	F17T8/741/TF/ECO	Cool	4100	75	30	20000	1300	24"	23.78"	4,9
			S6525 ▲	F17T8/841/ECO	Cool	4100	82	30	20000	1400	24"	23.78"	4
			S2913 ■	F17T8/SUN	Full Spec	6250	94.5	6	14,000	750	24"	23.78"	4
			25		Med. Bi Pin	S6526 ▲	F25T8/730/ECO	Warm	3000	75	30	20000	2025
S6529 ▲	F25T8/830/ECO	Warm				3000	82	30	20000	2150	36"	35.78"	4
S6527 ▲	F25T8/735/ECO	Neutral				3500	75	30	20000	2025	36"	35.78"	4
S6530 ▲	F25T8/835/ECO	Neutral				3500	82	30	20000	2150	36"	35.78"	4
S6528 ▲	F25T8/741/ECO	Cool				4100	75	30	20000	2025	36"	35.78"	4
SHATTER PROOF S6584 ▲	F25T8/741/TF/ECO	Cool				4100	75	30	20000	2025	36"	35.78"	4,9
S6531 ▲	F25T8/841/ECO	Cool				4100	82	30	20000	2150	36"	35.78"	4
S2914 ■	F25T8/SUN	Full Spec				6250	94.5	6	14,000	1200	36"	35.78"	4

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO



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

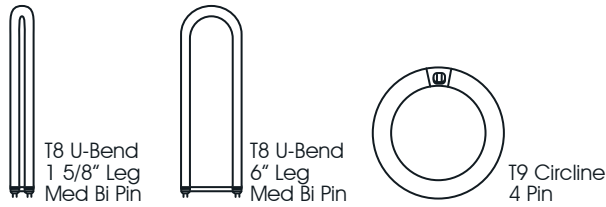
Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
32	T8	Med Bi Pin	S6617	F32T8/730/ENV	Warm	3000	75	30	20000	2800	48"	47.78"	4
			S6532 ▲	F32T8/730/ECO	Warm	3000	75	30	20000	2800	48"	47.78"	4
			S6401	F32T8/830/ENV	Warm	3000	82	30	20000	2950	48"	47.78"	4
			S6535 ▲	F32T8/830/ECO	Warm	3000	82	30	20000	2950	48"	47.78"	4
			S2915 ▲	F32T8/830/XP/ECO	Warm	3000	85	30	24000	3000	48"	47.78"	4
			S6618	F32T8/735/ENV	Neutral	3500	75	30	20000	2800	48"	47.78"	4
			S6533 ▲	F32T8/735/ECO	Neutral	3500	75	30	20000	2800	48"	47.78"	4
			S6402	F32T8/835/ENV	Neutral	3500	82	30	20000	2950	48"	47.78"	4
			S6536 ▲	F32T8/835/ECO	Neutral	3500	82	30	20000	2950	48"	47.78"	4
			S2916 ▲	F32T8/835/XP/ECO	Neutral	3500	85	30	24000	3000	48"	47.78"	4
			S6619	F32T8/741/ENV	Cool	4100	75	30	20000	2800	48"	47.78"	4
			S6534 ▲	F32T8/741/ECO	Cool	4100	75	30	20000	2800	48"	47.78"	4
			S6585 ▲	F32T8/741/TF/ECO	Cool	4100	75	30	20000	2750	48"	47.78"	4,9
			S6403	F32T8/841/ENV	Cool	4100	82	30	20000	2950	48"	47.78"	4
			S6537 ▲	F32T8/841/ECO	Cool	4100	82	30	20000	2950	48"	47.78"	4
			S2917 ▲	F32T8/841/XP/ECO	Cool	4100	85	30	24000	3000	48"	47.78"	4
			S6694	F32T8/750/ENV	Day Light	5000	75	30	20000	2650	48"	47.78"	4
			S2918 ▲	F32T8/750/ECO	Day Light	5000	75	30	20000	2650	48"	47.78"	4
			S6404	F32T8/850/ENV	Day Light	5000	80	30	20000	2800	48"	47.78"	4
			S2919 ▲	F32T8/850/ECO	Day Light	5000	80	30	20000	2800	48"	47.78"	4
			S2920 ▲	F32T8/850/XP/ECO	Day Light	5000	85	30	24000	2950	48"	47.78"	4
S2922 ■	F32T8/SUN	Day Light	6000	85	12	20000	3000	48"	47.78"	4			
S6695	F32T8/765/ENV	Day Light	6500	75	30	20000	2700	48"	47.78"	4			
S2921 ▲	F32T8/765/ECO	Day Light	6500	75	30	20000	2700	48"	47.78"	4			

SHATTER PROOF

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

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
40	T8	Med Bi Pin	S6544 ▲	F40T8/730/ECO	Warm	3000	75	30	20000	3550	60"	59.61"	4
			S6547 ▲	F40T8/830/ECO	Warm	3000	82	30	20000	3650	60"	59.61"	4
			S6545 ▲	F40T8/735/ECO	Neutral	3500	75	30	20000	3550	60"	59.61"	4
			S6548 ▲	F40T8/835/ECO	Neutral	3500	82	30	20000	3650	60"	59.61"	4
			S6546 ▲	F40T8/741/ECO	Cool	4100	75	30	20000	3550	60"	59.61"	4
			S6549 ▲	F40T8/841/ECO	Cool	4100	82	30	20000	3650	60"	59.61"	4
59	T8	Single Pin	S6538 ▲	F96T8/730/ECO	Warm	3000	75	24	20000	5700	96"	94"	
			S6541 ▲	F96T8/830/ECO	Warm	3000	82	24	20000	5900	96"	94"	
			S6539 ▲	F96T8/735/ECO	Neutral	3500	75	24	20000	5700	96"	94"	
			S6542 ▲	F96T8/835/ECO	Neutral	3500	82	24	20000	5900	96"	94"	
			S6540 ▲	F96T8/741/ECO	Cool	4100	75	24	20000	5700	96"	94"	
			S6543 ▲	F96T8/841/ECO	Cool	4100	82	24	20000	5900	96"	94"	
			S6577 ▲	F96T8/850/ECO	Day Light	5000	80	24	20000	5900	96"	94"	

Fluorescent Lamps

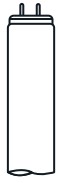


T8 U-Bend Instant / Rapid Start Lamps (Electronic Ballast)

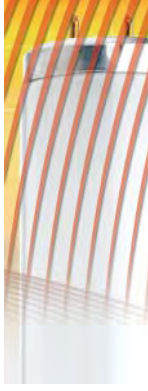
Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
31	T8	Med Bi Pin	S6550 ▲	FBO31/830	Warm	3000	82	15	20000	2725	22.5"	1 5/8"	4
			S6551 ▲	FBO31/835	Neutral	3500	82	15	20000	2725	22.5"	1 5/8"	4
			S6552 ▲	FBO31/841	Cool	4100	82	15	20000	2725	22.5"	1 5/8"	4
			S2923 ▲	FBO31/750	Day Light	5000	75	15	20000	2600	22.5"	1 5/8"	4
32	T8	Med Bi Pin	S6553 ▲	FBO32/730/6/ECO	Warm	3000	75	16	20000	2750	22.5"	6"	4
			S6556 ▲	FBO32/830/6/ECO	Warm	3000	82	16	20000	2850	22.5"	6"	4
			S6554 ▲	FBO32/735/6/ECO	Neutral	3500	75	16	20000	2750	22.5"	6"	4
			S6557 ▲	FBO32/835/6/ECO	Neutral	3500	82	16	20000	2850	22.5"	6"	4
			S6555 ▲	FBO32/741/6/ECO	Cool	4100	75	16	20000	2750	22.5"	6"	4
			S6594 ▲	FBO32/741/6/TF/ECO	Cool	4100	75	16	20000	2750	22.5"	6"	4,9
			S6558 ▲	FBO32/841/6/ECO	Cool	4100	82	16	20000	2850	22.5"	6"	4
			S2924 ▲	FBO32/750/6/ECO	Day Light	5000	75	16	20000	2625	22.5"	6"	4

T9 Circline Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Diameter	Notes
20	T9	4 Pin	S2950 ▲	FC6T9/WW/RS	Warm White	3000	52	12	8000	800	6.5"	
			S6509 ▲	FC6T9/CW/RS	Cool White	4100	62	12	8000	750	6.5"	
22	T9	4 Pin	S6502	FC8T9/WW/RS	Warm White	3000	52	12	11000	1050	8"	
			S6500	FC8T9/CW/RS	Cool White	4100	62	12	11000	1200	8"	
			S6501	FC8T9/D/RS	Daylight	6500	76	12	11000	900	8"	
32	T9	4 Pin	S6505	FC12T9/WW/RS	Warm White	3000	52	12	15000	1950	12"	
			S6503	FC12T9/CW/RS	Cool White	4100	62	12	15000	1925	12"	
			S6504	FC12T9/D/RS	Daylight	6500	76	12	15000	1650	12"	
40	T9	4 Pin	S2954 ▲	FC16T9/WW/RS	Warm White	3000	52	12	18000	2800	16"	
			S6506	FC16T9/CW/RS	Cool White	4100	62	12	18000	2750	16"	
			S2953 ▲	FC16T9/D/RS	Daylight	6500	76	12	18000	2350	16"	



T12
Med Bi Pin



T12 Preheat Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
14		Med Bi Pin	S6561 ▲	F14T12/MW	Warm White	3000	52	30	7500	660	15"	14.78"	
			S6559 ▲	F14T12/CW	Cool White	4100	62	30	7500	650	15"	14.78"	
			S6560 ▲	F14T12/D	Daylight	6500	76	30	7500	590	15"	14.78"	
15		Med Bi Pin	S6564 ▲	F15T12/MW	Warm White	3000	52	30	7500	770	18"	17.78"	
			S6562 ▲	F15T12/CW	Cool White	4100	62	30	7500	750	18"	17.78"	
			S6563 ▲	F15T12/D	Daylight	6500	76	30	7500	660	18"	17.78"	
20		Med Bi Pin	S6567 ▲	F20T12/MW	Warm White	3000	52	30	9000	1250	24"	23.78"	
			S6565 ▲	F20T12/CW	Cool White	4100	62	30	9000	1220	24"	23.78"	
			S6579 ▲	F20T12/CW/TF	Cool White	4100	62	30	9000	1220	24"	23.78"	9
			S6666 ■	F20T12SUN	Full Spec	6250	94.5	6	14,000	800	24"	23.78"	
			S6566 ▲	F20T12/D	Daylight	6500	76	30	9000	1075	24"	23.78"	
			S2925 ▲	F20T12/BL	Black Light	n/a	n/a	30	9000	n/a	24"	23.78"	1
			S6408 ■	F20T12/BLB	Blk Lt Blue	n/a	n/a	30	9000	n/a	24"	23.78"	2
25		Med Bi Pin	S6568 ▲	F25T12/CW/28"	Cool White	4100	62	30	7500	1670	28"	27.78"	
			S6569 ▲	F25T12/CW/30"	Cool White	4100	62	30	7500	1730	30"	29.78"	
			S6570 ▲	F25T12/CW/33"	Cool White	4100	62	30	7500	1750	33"	32.78"	

T12 Rapid Start Lamps 36"

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
30		Med. Bi Pin	S6573 ▲	F30T12/MW/RS	Warm White	3000	52	30	18500	2275	36"	35.78"	
			S6574 ▲	F30T12/D830/RS	Warm	3000	80	30	18000	2290	36"	35.78"	
			S6575 ▲	F30T12/D35/RS	Neutral	3500	70	30	18000	2250	36"	35.78"	
			S6576 ▲	F30T12/D41/RS	Cool	4100	70	30	18000	2250	36"	35.78"	
			S6571 ▲	F30T12/CW/RS	Cool White	4200	62	30	18000	2200	36"	35.78"	
			S6580 ▲	F30T12/CW/RS/TF	Cool White	4200	62	30	18000	2200	36"	35.78"	9
			S6667 ■	F30T12SUN/RS	Full Spec	6250	94.5	30	22000	1650	36"	35.78"	
			S6572 ▲	F30T12/D/RS	Daylight	6500	76	30	18000	1900	36"	35.78"	


SHATTER PROOF

Fluorescent Lamps



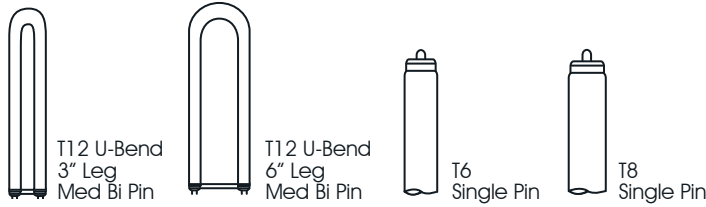
T12
Med Bi Pin

T12 Rapid Start Lamps 48"

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
34		Med Bi Pin	S6601 ▲	F34WW/SS/ECO	Warm White	3000	52	30	20000	2700	48"	47.78"	6
			S6602 ▲	F34/D30/SS/ECO	Warm	3000	70	30	20000	2800	48"	47.78"	6
			S6605 ▲	F34/D830/SS/ECO	Warm	3000	82	30	20000	2900	48"	47.78"	6
			S6603 ▲	F34/D35/SS/ECO	Neutral	3500	70	30	20000	2800	48"	47.78"	6
			S6606 ▲	F34/D835/SS/ECO	Neutral	3500	82	30	20000	2900	48"	47.78"	6
			S6604 ▲	F34/D41/SS/ECO	Cool	4100	70	30	20000	2800	48"	47.78"	6
			S6607 ▲	F34/D841/SS/ECO	Cool	4100	82	30	20000	2900	48"	47.78"	6
			S6600 ▲	F34CW/SS/ECO	Cool White	4200	62	30	20000	2700	48"	47.78"	6
			SHATTER PROOF S6581 ▲	F34CW/SS/TF/ECO	Cool White	4200	62	30	20000	2700	48"	47.78"	6,9

40		Med Bi Pin	S6611 ▲	F40/D30/ECO	Warm	3000	70	30	20000	3200	48"	47.78"	
			S6614 ▲	F40/D830/ECO	Warm	3000	82	30	20000	3200	48"	47.78"	
			S6612 ▲	F40/D35/ECO	Neutral	3500	70	30	20000	3200	48"	47.78"	
			S6615 ▲	F40/D835/ECO	Neutral	3500	82	30	20000	3200	48"	47.78"	
			S6609 ▲	F40N	Natural	3600	86	30	20000	2100	48"	47.78"	
			S2927 ▲	F40/CWX	Cool White Deluxe	4100	87	30	20000	2150	48"	47.78"	
			S6613 ▲	F40/D41/ECO	Cool	4100	70	30	20000	3200	48"	47.78"	
			S6616 ▲	F40/D841/ECO	Cool	4100	82	30	20000	3200	48"	47.78"	
			S6610 ▲	F40DSGN50	Day Light	5000	90	30	20000	2200	48"	47.78"	
			S6668 ■	F40T12/SUN	Full Spect	6250	94.5	30	26000	2100	48"	47.78"	
			S6608 ▲	F40DX	Daylight Deluxe	6500	88	30	20000	2180	48"	47.78"	
			S2928 ▲	F40/D865	Day Light	6500	80	30	20000	3000	48"	47.78"	
			S2926 ▲	F40/350BL	Black Light	n/a	n/a	30	20000		48"	47.78"	1
			S6409 ▲	F40/BLB/RP	Blk Lt Blue	n/a	n/a	6	20000		48"	47.78"	2

fluorescent lamps



T12 Rapid Start Lamps U-Bends

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	Leg Space	Notes
34		Med. Bi Pin	S6690 ▲	FB34/WW/3/EW	Warm White	3000	52	12	18000	2150	22.5"	3"	6
			S6682 ▲	FB34/CW/3/EW	Cool White	4200	62	12	18000	2050	22.5"	3"	6
		Med. Bi Pin	S6681 ▲	FB34/WW/6/SS/ECO	Warm White	3000	52	12	18000	2650	22.5"	6"	6
			S6683 ▲	FB34/D30/6/SS	Warm	3000	70	12	20000	2730	22.5"	6"	6
			S6684 ▲	FB34/D35/6/SS	Neutral	3500	70	12	20000	2730	22.5"	6"	6
			S6685 ▲	FB34/D41/6/SS	Cool	4100	70	12	20000	2730	22.5"	6"	6
			S6680 ▲	FB34/CW/6/SS/ECO	Cool White	4200	62	12	18000	2600	22.5"	6"	6
			SHATTER PROOF S6593 ▲	FB34/CW/6/SS/TF	Cool White	4200	62	12	18000	2600	22.5"	6"	6,9
40		Med. Bi Pin	S6687 ▲	FB40/D30/6	Warm	3000	70	12	20000	3200	22.5"	6"	
			S6688 ▲	FB40/D35/6	Neutral	3500	70	12	20000	3200	22.5"	6"	
			S6689 ▲	FB40/D41/6	Cool	4100	70	12	20000	3200	22.5"	6"	
			S6686 ▲	FB40/DX/6	Daylight Deluxe	6500	88	12	18000	2300	22.5"	6"	

T6 & T8 Instant Start Slimline Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
25		Single Pin	S6470 ▲	F42T6/WW	Warm White	3000	52	24	7500	1825	42"	40"	
			S2929 ▲	F42T6/D35	Neutral	3500	70	24	7500	1830	42"	40"	
			S6471 ▲	F42T6/CW	Cool White	4200	62	24	7500	1750	42"	40"	
			SHATTER PROOF S6591 ▲	F42T6/CW/TF	Cool White	4200	62	24	7500	1750	42"	40"	9
38		Single Pin	S6473 ▲	F64T6/WW	Warm White	3000	52	24	7500	2900	64"	62"	
			S6474 ▲	F64T6/D35	Neutral	3500	70	24	7500	2930	64"	62"	
			S6475 ▲	F64T6/CW	Cool White	4200	62	24	7500	2800	64"	62"	
			SHATTER PROOF S6592 ▲	F64T6/CW/TF	Cool White	4200	62	24	7500	2800	64"	62"	9
38		Single Pin	S6477 ▲	F72T8/WW	Warm White	3000	52	24	7500	3100	72"	70"	
			S6478 ▲	F72T8/CW	Cool White	4200	62	24	7500	3050	72"	70"	
			S6476 ▲	F72T8/D	Daylight	6500	76	24	7500	2288	72"	70"	
51		Single Pin	S2930 ▲	F96T8/CW	Cool White	4200	62	24	7500	4000	96"	94"	
			S2931 ▲	F96T8/D	Daylight	6500	76	24	7500	3550	96"	94"	

Fluorescent Lamps



T12
Single Pin

T12 Instant Start Slimline Lamps 24" through 84"



Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
24	T12	Single Pin	S6469 ▲	F24T12/CW	Cool White	4200	62	30	7500	1150	24"	22"	
30	T12	Single Pin	S6472 ▲	F36T12/CW	Cool White	4200	62	30	7500	1970	36"	34"	
39	T12	Single Pin SHATTER PROOF	S6660 ▲	F48T12/CW	Cool White	4200	62	30	9000	2875	48"	46"	
			S6586 ▲	F48T12/CW/TF	Cool White	4200	62	30	9000	2875	48"	46"	9
			S6481 ▲	F48T12/D	Daylight	6500	76	30	9000	2450	48"	46"	
50	T12	Single Pin	S6661 ▲	F60T12/CW	Cool White	4200	62	30	12000	3700	60"	58"	
			S6483 ▲	F60T12/D	Daylight	6500	76	30	12000	3000	60"	58"	
52	T12	Single Pin	S6662 ▲	F64T12/CW	Cool White	4200	62	30	12000	3900	64"	62"	
			S6485 ▲	F64T12/D	Daylight	6500	76	30	12000	3300	64"	62"	
55	T12	Single Pin	S6631 ▲	F72T12/MW	Warm White	3000	52	15	12000	3900	72"	70"	
			S6630 ▲	F72T12/CW	Cool White	4200	62	15	12000	4500	72"	70"	
			S6632 ▲	F72T12/D	Daylight	6500	76	15	12000	4150	72"	70"	
70	T12	Single Pin	S6663 ▲	F84T12/CW	Cool White	4200	62	15	12000	5300	84"	82"	

T12 Instant Start Slimline Lamps 96"



Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
60	T12	Single Pin SHATTER PROOF	S6641 ▲	F96T12/MW/SS	Warm White	3000	52	15	12000	5500	96"	94"	
			S6642 ▲	F96T12/D30/SS	Warm	3000	70	15	12000	5600	96"	94"	
			S6645 ▲	F96T12/D830/SS	Warm	3000	70	15	12000	5800	96"	94"	
			S6643 ▲	F96T12/D35/SS	Neutral	3500	70	15	12000	5600	96"	94"	
			S6646 ▲	F96T12/D835/SS	Neutral	3500	80	15	12000	5800	96"	94"	
			S6644 ▲	F96T12/D41/SS	Cool	4100	70	15	12000	5600	96"	94"	
			S6647 ▲	F96T12/D841/SS	Cool	4100	80	15	12000	5800	96"	94"	
			S6640 ▲	F96T12/CW/SS	Cool White	4200	62	15	12000	5300	96"	94"	
			S6582 ▲	F96T12/CW/SS/TF	Cool White	4200	62	15	12000	5300	96"	94"	9
75	T12	Single Pin	S6652 ▲	F96T12/D30	Warm	3000	70	15	12000	6420	96"	94"	
			S6655 ▲	F96T12/D830	Warm	3000	80	15	12000	6550	96"	94"	
			S6653 ▲	F96T12/D35	Neutral	3500	70	15	12000	6420	96"	94"	
			S6656 ▲	F96T12/D835	Neutral	3500	80	15	12000	6550	96"	94"	
			S6654 ▲	F96T12/D41	Cool	4100	70	15	12000	6420	96"	94"	
			S6657 ▲	F96T12/D841	Cool	4100	80	15	12000	6550	96"	94"	
			S6651 ▲	F96T12/DSGN50	Day Light	5000	90	15	12000	4400	96"	94"	
			S2932 ▲	F96T12/D865	Day Light	6500	80	15	12000	6000	96"	94"	
			S6650 ▲	F96T12/DX	Daylight Deluxe	6500	88	15	12000	4310	96"	94"	

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO



T12
Rec DC



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

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
25	T12	Rec DC	S2933	F18T12/CW/HO	Cool White	4200	62	30	9000	1100	18"	15.91"	
			S2934	F18T12/DSGN50/HO	Day Light	5000	90	30	9000	850	18"	15.91"	
35	T12	Rec DC	S6449	F24T12/CW/HO	Cool White	4200	62	30	9000	1650	24"	21.91"	
			S2935	F24T12/DSGN50/HO	Day Light	5000	90	30	9000	1200	24"	21.91"	
			S6450	F24T12/D/HO	Daylight	6500	76	30	9000	1400	24"	21.91"	
42	T12	Rec DC	S6451	F30T12/CW/HO	Cool White	4200	62	30	9000	2250	30"	27.91"	
45	T12	Rec DC	S6452	F36T12/CW/HO	Cool White	4200	62	30	9000	2850	36"	33.91"	
			S2936	F36T12/DSG50/HO	Day Light	5000	90	30	9000	2100	36"	33.91"	
			S2937	F36T12/D/HO	Daylight	6500	76	30	9000	2500	36"	33.91"	
55	T12	Rec DC	S6453	F42T12/CW/HO	Cool White	4200	62	30	9000	3400	42"	39.91"	
			S2938	F42T12/DSGN50/HO	Day Light	5000	90	30	9000	2550	42"	39.91"	
			S6954	F42T12/D/HO	Daylight	6500	76	30	9000	3050	42"	39.91"	
70	T12	Rec DC	S6670	F48T12/CW/HO	Cool White	4200	62	30	12000	4050	48"	46"	
			SHATTER PROOF S6587	F48T12/CW/HO/TF	Cool White	4200	62	30	12000	4050	48"	46"	9
			S2939	F48T12/DSGN50/HO	Day Light	5000	90	30	12000	3050	48"	46"	
			S2940	F48T12/D/HO	Daylight	6500	76	30	12000	3600	48"	46"	
75	T12	Rec DC	S6671	F60T12/CW/HO	Cool White	4200	62	30	12000	5200	60"	57.91"	
			S2941	F60T12/DSGN50/HO	Day Light	5000	90	30	12000	3850	60"	57.91"	
			S6457	F60T12/D/HO	Daylight	6500	76	30	12000	4600	60"	57.91"	
80	T12	Rec DC	S6672	F64T12/CW/HO	Cool White	4200	62	30	12000	5750	64"	61.91"	
			S2942	F64T12/DSGN50/HO	Day Light	5000	90	30	12000	4200	64"	61.91"	
			S6458	F64T12/D/HO	Daylight	6500	76	30	12000	4900	64"	61.91"	

fluorescent lamps

Fluorescent Lamps

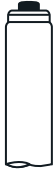


T12
Rec DC

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

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
85	T12	Rec DC	S2944 ▲	F72T12/D35/HO	Neutral	3500	70	15	12000	6650	72"	69.91	
			S6673 ▲	F72T12/CW/HO	Cool White	4200	62	15	12000	6250	72"	69.91	
			S2943 ▲	F72T12/DSGN50/HO	Day Light	5000	90	15	12000	4600	72"	69.91	
			S6460 ▲	F72T12/D/HO	Daylight	6500	76	15	12000	5550	72"	69.91	
100	T12	Rec DC	S6674 ▲	F84T12/CW/HO	Cool White	4200	62	15	12000	7550	84"	81.91"	
			S2945 ▲	F84T12/DSGN50/HO	Day Light	5000	90	15	12000	5600	84"	81.91"	
			S6461 ▲	F84T12/D/HO	Daylight	6500	76	15	12000	6700	84"	81.91"	
95	T12	Rec DC	S6675 ▲	F96T12/CW/HO/SS	Cool White	4200	62	15	12000	8000	96"	93.91"	
			SHATTER PROOF S6588 ▲	F96T12/CW/HO/SS/TF	Cool White	4200	62	15	12000	8000	96"	93.91"	9
110	T12	Rec DC	S2947 ▲	F96T12/D30/HO	Warm	3000	70	15	12000	9050	96"	93.91"	
			S2948 ▲	F96T12/D35/HO	Neutral	3500	70	15	12000	9050	96"	93.91"	
			S2949 ▲	F96T12/D41/HO	Cool	4100	70	15	12000	9050	96"	93.91"	
			S6676 ▲	F96T12/CW/HO/CT	Cool White	4200	62	15	12000	8600	96"	93.91"	10
			SHATTER PROOF S6589 ▲	F96T12/CW/HO/CT/TF	Cool White	4200	62	15	12000	8600	96"	93.91"	9,10
			S2946 ▲	F96T12/DSGN50/HO	Day Light	5000	90	15	12000	6450	96"	93.91"	
			S6462 ▲	F96T12/D/HO/CT	Daylight	6500	76	15	12000	7600	96"	93.91"	10
124	T12	Rec DC	S5254 ■	F108T12/CW/HO	Cool White	4200	62	10	12000	10350	108"	105"	
			S5255 ■	F108T12/D/HO	Daylight	6500	76	10	12000	8800	108"	105"	
132	T12	Rec DC	S5256 ■	F117T12/CW/HO	Cool White	4200	62	10	12000	11200	117"	114"	
			S5257 ■	F117T12/D/HO	Daylight	6500	76	10	12000	9500	117"	114"	
135	T12	Rec DC	S5224 ■	F120T12/CW/HO	Cool White	4200	62	10	12000	11500	120"	117"	
			S5227 ■	F120T12/D/HO	Daylight	6500	76	10	12000	9750	120"	117"	

fluorescent lamps



T12
Rec DC

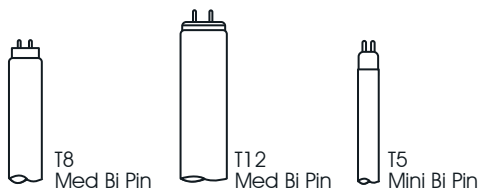


T12 VHO Very High Output (1500mA) Rapid Start Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
115	T12	Rec DC	S6463 ▲	F48T12/CW/VHO	Cool White	4200	62	30	10000	6600	48"	45.91"	
			SHATTER PROOF S6595 ▲	F48T12/CW/VHO/LT/TF	Cool White	4200	62	30	20000	7400	48"	45.91"	
135	T12	Rec DC	S6465 ▲	F60T12/CW/VHO	Cool White	4200	62	30	10000	8700	60"	57.91"	
160	T12	RecDC	S6466 ▲	F72T12/CW/VHO	Cool White	4200	62	15	10000	10600	72"	69.91"	
195	T12	Rec DC	S6467 ▲	F96T12/CW/VHO/SS	Cool White	4200	62	15	10000	13000	96"	93.91"	
215	T12	Rec DC	S6677 ▲	F96T12/CW/VHO	Cool White	4200	62	15	10000	14000	96"	93.91"	
			SHATTER PROOF S6590 ▲	F96T12/CW/VHO/TF	Cool White	4200	62	15	10000	14000	96"	93.91"	

fluorescent lamps

Fluorescent Lamps



Specialty Fluorescent Lamps

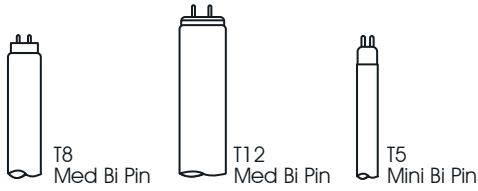
T8 and T12 Lamps for Plant and Aquarium Purposes

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
15	T8	Med Bi Pin	S6888 ▲	F15T8/GRO/AQ/RP	Purple	n/a	66	6	7500	325	18"	17.78"	
20	T12	Med Bi Pin	S6889 ▲	F20T12/GRO/AQ/RP	Purple	n/a	66	6	9000	480	24"	23.78"	
			S6890 ▲	F20T12/GRO/AQ/WS/RP	Pink	3400	89	6	9000	750	24"	23.78"	8
30	T8	Med Bi Pin	S6891 ▲	F30T8/GRO/AQ/RP	Purple	n/a	66	6	7500	800	36"	35.78"	
40	T12	Med Bi Pin	S6892 ▲	F40/GRO/AQ/RP	Purple	n/a	66	6	20000	1200	48"	47.78"	
			S6893 ▲	F40/GRO/AQ/WS/RP	Pink	3400	89	6	20000	1700	48"	47.78"	8

Blacklight Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
4	T5	Mini Bi Pin	S2904	F4T5/BL	Black Light	n/a	n/a	20	5000	n/a	6"	5.91"	1
6	T5	Mini Bi Pin	S2905	F6T5/BL	Black Light	n/a	n/a	20	5000	n/a	9"	8.91"	1
8	T5	Mini Bi Pin	S2906	F8T5/BL	Black Light	n/a	n/a	20	5000	n/a	12"	11.91"	1
15	T8	Med Bi Pin	S2918 ■	F15T8/BL	Black Light	n/a	n/a	25	7500	n/a	18"	17.78"	1
25	T8	Med Bi Pin	S6875 ▲	F25T8/350BL/18in	Black Light	n/a	n/a	24	n/a	n/a	18"	17.78"	1
30	T8	Med Bi Pin	S6876 ▲	F30T8/350BL	Black Light	n/a	n/a	24	7500	n/a	36"	35.78"	1
22	T12	Med Bi Pin	S6874 ▲	F15"T12/350BL/500/PH	Black Light	n/a	n/a	30	n/a	n/a	15"	17.78"	1
32	T12	Med Bi Pin	S6877 ▲	F18"T12/350BL/700/PH	Black Light	n/a	n/a	30	n/a	n/a	18"	17.78"	1
20	T12	Med Bi Pin	S2925 ▲	F20T12/350BL	Black Light	n/a	n/a	30	9000	n/a	24"	23.78"	1
40	T12	Med Bi Pin	S2926 ▲	F40/350BL	Black Light	n/a	n/a	30	20000	n/a	48"	47.78"	1

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO



Specialty Fluorescent Lamps (cont.)

Blacklight Blue Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
4	T5	Mini Bi Pin	S6405	F4T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	6"	5.91"	2
6	T5	Mini Bi Pin	S2907	F6T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	9"	8.91"	2
8	T5	Mini Bi Pin	S6406	F8T5/BLB	Blk Lt Blue	n/a	n/a	20	5000	n/a	12"	11.91"	2
15	T8	Med Bi Pin	S6407	F15T8/BLB	Blk Lt Blue	n/a	n/a	20	7500	n/a	18"	17.78"	2
20	T12	Med Bi Pin	S6408	F20T12/BLB	Blk Lt Blue	n/a	n/a	30	9000	n/a	24"	23.78"	2
40	T12	Med Bi Pin	S6409	F40/BLB/RP	Blk Lt Blue	n/a	n/a	6	20000	n/a	48"	47.78"	2

Germicidal Preheat Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Color	CCT (K)	CRI	Carton	Avg. Rated Hours	Initial Lumens	Nominal Length	MOL	Notes
8	T5	Mini Bipin	S6885	G8T5		n/a	n/a	24	6000	n/a	12"	11.91"	7
15	T8	Med Bi Pin	S6886	G15T8		n/a	n/a	24	7500	n/a	18"	17.78"	7
30	T8	Med Bi Pin	S6887	G30T8		n/a	n/a	24	7500	n/a	36"	35.78"	7

fluorescent lamps

Fluorescent Lamps Notes

General Fluorescent Notes

■ = Product by a manufacturer other than Satco

▲ = Product by one of the Primary lamp manufacturers

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 & state regulations. For more information, please visit www.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 miniature 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 the T8 lamps for Electronic Ballasts are based on Magnetic RS ballasts. When used on common IS electronic ballasts the 20,000 hour rating becomes 15,000 hours, the 24,000 hour rating becomes 18,000 hours, based on 3 hour on cycles.

5 Due to their small diameter, T2 miniature 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 degrees at the ends. The maximum allowable bulb wall temperature is 150 degrees 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 degrees 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.

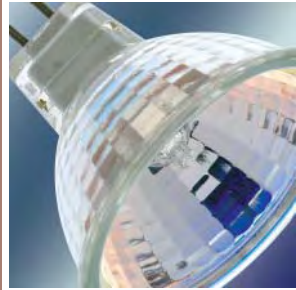
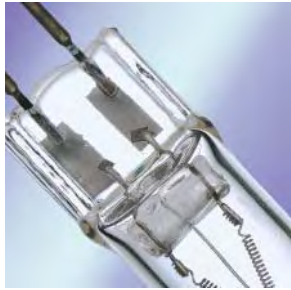
 **WARNING:** To prevent possible serious injury, eyes and skin should not be exposed to direct or reflected ultraviolet power emitted by this lamp. This lamp is in Risk Group 3 per ANSI/IESNA RP-27.3-96. Adequate protection should be provided by clothing, gloves, opaque materials, and ordinary window 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 **SHATTER PROOF** 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.

Halogen





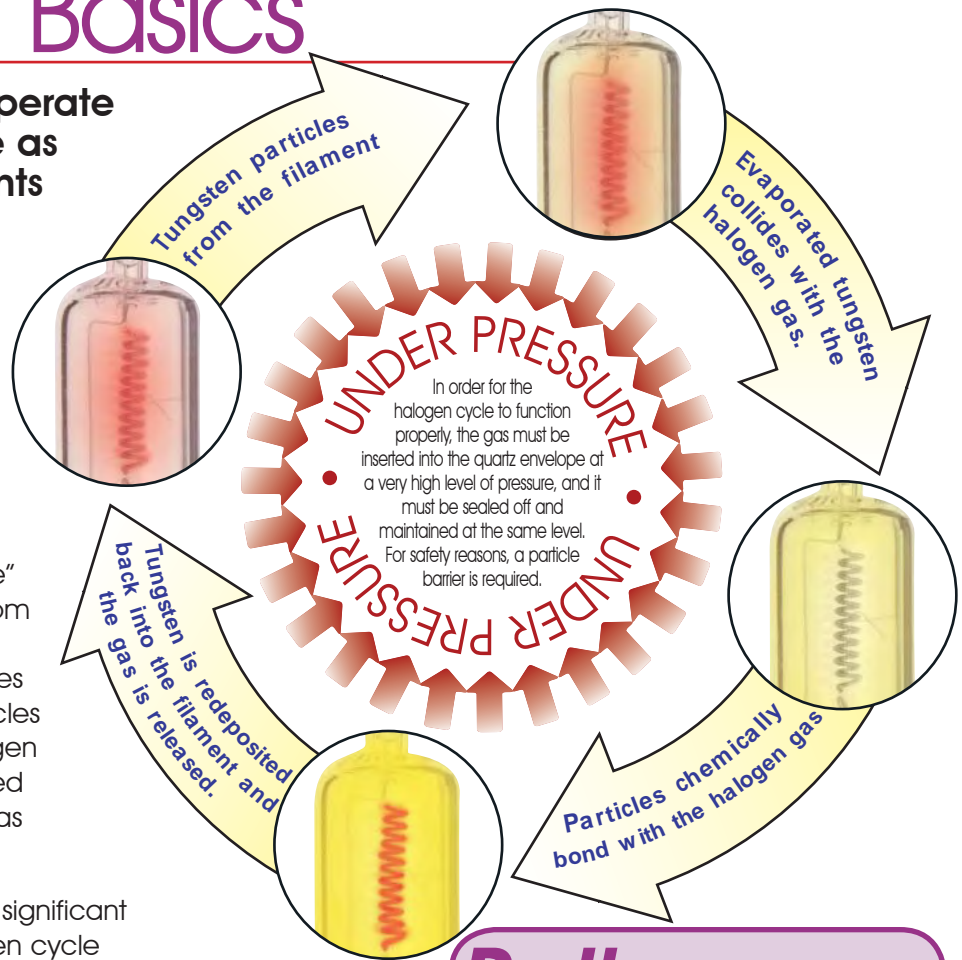
Halogen Basics

Halogen light bulbs operate on the same principle as standard incandescents heating the tungsten filament until it glows but from there, halogens improve upon the process.

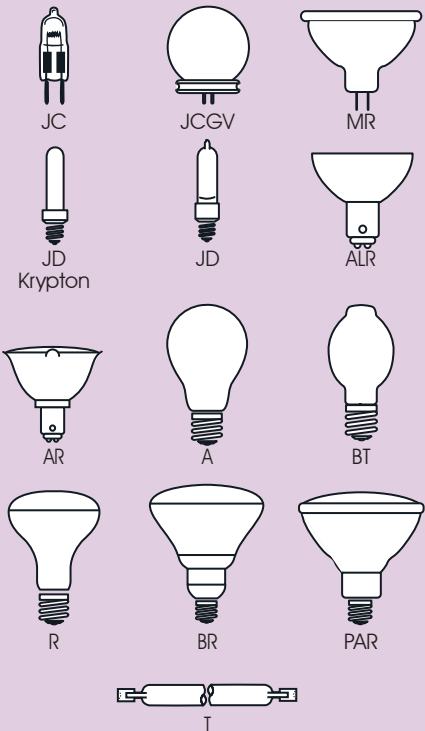
HOW IT WORKS

Operation of halogen lamps is based on the "Halogen Cycle" (see right). Tungsten particles from the bulb's filament evaporate. The evaporated tungsten collides with the halogen gas. The particles chemically bond with the halogen gas. Tungsten is then redeposited back to the filament and the gas is re-released.

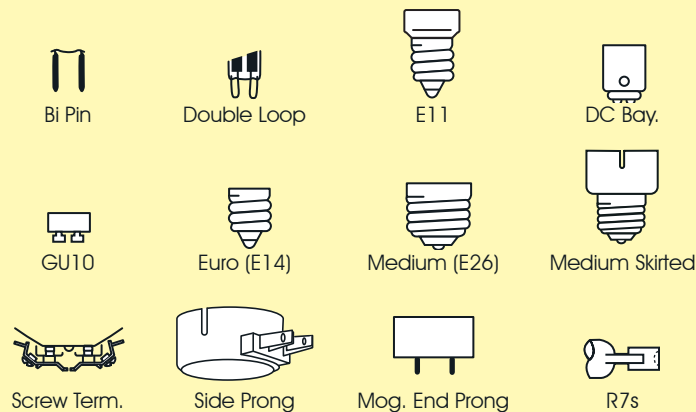
The operating temperature is a significant factor to ensure that the halogen cycle performs properly. The interior wall of the bulb must be above 250° C and less than 1,100° C. Additionally, the filament of the lamp must reach at least 2,000° C. To reach this temperature, the interior wall must be in close proximity to the tungsten filament.



Bulb shapes



Base Types



Big Benefits

Halogen lamps offer a combination of benefits that make them an appealing alternative to standard incandescents in many applications.

Brilliant, White Light:

Halogen lamps deliver a crisp, white light. Not only is the quantity of the light greater than a standard incandescent of comparable wattage, but the quality of the light creates a higher contrast for reading and other tasks. This also makes halogen perfect for display, accent and general lighting.

Color Temperature & Rendering:

Since halogens are incandescent lamps, their CRI of 100 will render colors accurately and will match the color temperature of other light sources in the 3000K range.

Long Life:

Standard incandescent lamps and halogen lamps both use tungsten filaments. However, the filament in the standard lamp evaporates over time, causing it to weaken and eventually break. The gases inside halogen lamps allow the evaporated tungsten to find its way back to the filament and redeposit, ensuring a long life of 2,000 hours or more.

Lumen Maintenance:

Compared to standard incandescent lamps, halogens offer superior lumen performance throughout the life of the lamp.

What Is a Halogen?

Halogens are five non-metallic elements found in Group 7 of the periodic table. The term "halogen" means "salt former" and compounds containing halogens are called "salts."

The halogens are: Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I) and Astatine (At).

6A	7A	8A
O	F	Ne
S	Cl	Ar
Se	Br	Kr
Te	I	Xe
Po	At	Rn



HANDS OFF!

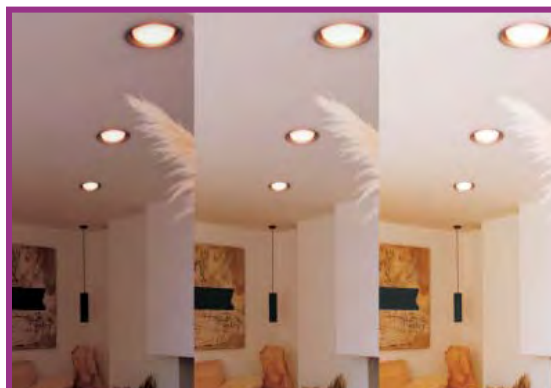
While conventional incandescent lamps can be handled with bare hands, halogen bulbs should not. Since the quartz envelope, or bulb, of the lamp reaches high temperatures, the oils and salts from skin will deteriorate and weaken the bulb.

If your hands should come in contact with the bulb, use a small amount of rubbing alcohol and a soft cloth to clean the lamp. Allow time for the bulb to dry before using.

DIMMING DYNAMICS

Halogen lamps can be dimmed using a conventional incandescent dimmer. However, using a dimmer actually has an adverse effect on the lamps.

Standard incandescents benefit from being used with a dimmer due to the reduced voltage being applied to the filament. Halogen lamp filaments need to be operated at higher temperatures (250 degrees Celsius or higher) for the lamp to function properly. When a halogen lamp is used on a dimmer, the filament will not reach this temperature and the halogen cycle will not work.



Halogen lamps that are dimmed to low levels for extended periods of time will begin to blacken on the inside wall of the bulb. This will reduce light output and life. It is possible to restore the bulb to a certain degree of its original state by running the lamp non-dimmed every so often. This allows the halogen cycle to clean the inside of the bulb.



Bi Pin Lamps

Bi Pin Lamps 12 and 24 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Flmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
5		G4	S3179	5T3/CL	12	Clear	1 1/4"	32	C-6	50	2000	Box	48	
10		G4	S3171	10T3/CL	12	Clear	1 1/4"	32	C-6	120	2000	Box	48	
			S3459	10T3/CL	12	Clear	1 1/4"	32	C-6	120	2000	CD/1	12	
			S1908	10T3/F	12	Frost	1 1/4"	32	C-6	100	2000	Box	48	
20		G4	S3120	20T3/CL	12	Clear	1 1/4"	32	C-6	320	2000	Box	48	
			S3468	20T3/CL	12	Clear	1 1/4"	32	C-6	320	2000	CD/1	12	
			S3420	20T3/CL/2PK	12	Clear	1 1/4"	32	C-6	320	2000	CD/2	12	
			S1909	20T3/F	12	Frost	1 1/4"	32	C-6	300	2000	Box	48	
			S1986	20T3/CL/24V	24	Clear	1 1/4"	32	CC-6	260	2000	Box	48	
35		GY6.35	S3160	35T4/CL	12	Clear	1 9/16"	41	C-6	600	2000	Box	48	
			S3469	35T4/CL	12	Clear	1 9/16"	41	C-6	600	2000	CD/1	12	
			S1910	35T4/F	12	Frost	1 9/16"	41	C-6	550	2000	Box	48	
50		GY6.35	S3121	50T4/CL	12	Clear	1 9/16"	41	C-6	900	2000	Box	48	
			S3470	50T4/CL	12	Clear	1 9/16"	41	C-6	900	2000	CD/1	12	
			S3421	50T4/CL/2PK	12	Clear	1 9/16"	41	C-6	900	2000	CD/2	12	
			S1911	50T4/F	12	Frost	1 9/16"	41	C-6	850	2000	Box	48	
			S1987	50T4/CL/24V	24	Clear	1 9/16"	41	CC-6	850	2000	Box	48	
75		GY6.35	S3156	75T4/CL	12	Clear	1 9/16"	41	C-6	1350	2000	Box	48	
			S3471	75T4/CL	12	Clear	1 9/16"	41	C-6	1350	2000	CD/1	12	
			S1912	75T4/F	12	Frost	1 9/16"	41	C-6	1290	2000	Box	48	

Enclosed Bi Pin Lamps 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Description	Finish	MOL Inches	Flmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
20		G4	S3193	20JCGV-G12	12	Ball-Lite	White	2 7/32"	C-6	340	2000	Box	200/25	
			S3187	20JCGV-G14	12	Ball-Lite	White	2 7/32"	C-6	320	2000	Box	250/25	
		GX5.3	S3190	20JCVL-G14	12	Longneck Ball-Lite	White	2 9/16"	C-6	320	2000	Box	200/25	
			S4354	20MR16/FROST	12	Soft-Lite	Frost	1 7/8"		320	2000	Box	12	5

halogen lamps

Halogen Lamps



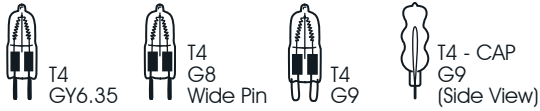
Enclosed Bi Pin Lamps 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Description	Finish	MOL Inches	Flmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
35	G14	GX5.3	S3188	35JCGV-G14	12	Ball-Lite	White	2 7/32"	C-6	620	2000	Box	250/25	
			S3191	35JCVL-G14	12	Longneck Ball-Lite	White	2 9/16"	C-6	620	2000	Box	250/25	
	MR16	GX5.3	S4355	35MR16/FROST	12	Soft-Lite	Frost	1 7/8"		620	2000	Box	12	5
50	G14	GX5.3	S3189	50JCGV-G14	12	Ball-Lite	White	2 7/32"	C-6	940	2000	Box	200/25	
			S3192	50JCVL-G14	12	Longneck Ball-Lite	White	2 9/16"	C-6	940	2000	Box	200/25	
	MR16	GX5.3	S4356	50MR16/FROST	12	Soft-Lite	Frost	1 7/8"		940	2000	Box	12	5

Bi Pin Lamps - 120 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Flmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
20	T4	G8	S4610	20T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	180	2000	Box	48	
25	T4	GY6.35	S3197	25T4/CL	120	Clear	1 31/32"	50	CC-2V	240	2000	Box	48	
		G8	S4611	25T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	240	2000	Box	48	
35	T4	GY6.35	S3164	35T4/CL	120	Clear	1 31/32"	50	CC-2V	400	2000	Box	48	
			S3418	35T4/CL	120	Clear	1 31/32"	50	CC-2V	400	2000	CD/1	12	
	G8	S4620	35T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	400	2000	Box	48		
		S3540	35T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	400	2000	CD/1	12		
50	T4	GY6.35	S3167	50T4/CL	120	Clear	1 31/32"	50	CC-2V	750	2000	Box	48	
			S3427	50T4/CL	120	Clear	1 31/32"	50	CC-2V	750	2000	CD/1	12	
	G8	S4612	50T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	750	2000	Box	48		
		S3541	50T4/CL/G8	120	Clear	1 13/16"	46	CC-2V	750	2000	CD/1	12		
75	T4	GY6.35	S3168	75T4/CL	120	Clear	2 3/8"	60	CC-2V	1250	2000	Box	48	
			S3428	75T4/CL	120	Clear	2 3/8"	60	CC-2V	1250	2000	CD/1	12	
	G8	S4613	75T4/CL/G8	120	Clear	2 9/32"	58	CC-8	1250	2000	Box	48		
		S3542	75T4/CL/G8	120	Clear	2 9/32"	58	CC-8	1250	2000	CD/1	12		

halogen lamps



Bi Pin Lamps - 120 Volt (cont.)

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Fmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
100		GY6.35	S4192	100T4/CL	120	Clear	2 3/8"	60	CC-2V	1600	2000	Box	48	
			S3419	100T4/CL	120	Clear	2 3/8"	60	CC-2V	1600	2000	CD/1	12	
		G8	S4622	100T4/CL/G8	120	Clear	2 9/32"	58	CC-8	1600	2000	Box	48	
			S3543	100T4/CL/G8	120	Clear	2 9/32"	58	CC-8	1600	2000	CD/1	12	

Double Loop G9 – 120 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Fmnt	Initial Lumens	Average Rated Hours	Pkg Type	Pack	Notes
20		G9	S4614	20T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	180	2000	Box	48	
25		G9	S4615	25T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	240	2000	Box	48	
35		G9	S4621	35T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	400	2000	Box	48	
			S3544	35T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	400	2000	CD/1	12	
40		G9	S4357 ▲	40CAP/G9/CL	120	Clear	1 25/32"	45	CC-2V	500	2000	CD/1	10	4
			S4358 ▲	40CAP/G9/FR	120	Frost	1 25/32"	45	CC-2V	450	2000	CD/1	10	4
50		G9	S4616	50T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	750	2000	Box	48	
			S3545	50T4/G9/CL	120	Clear	1 25/32"	45	CC-2V	750	2000	CD/1	12	
60		G9	S4359 ▲	60CAP/G9/CL	120	Clear	1 27/32"	47	CC-2V	800	2000	CD/1	10	4
			S4360 ▲	60CAP/G9/FR	120	Frost	1 27/32"	47	CC-2V	720	2000	CD/1	10	4
75		G9	S4617	75T4/G9/CL	120	Clear	2 7/32"	56	CC-8	1250	2000	Box	48	
			S3546	75T4/G9/CL	120	Clear	2 7/32"	56	CC-8	1250	2000	CD/1	12	
100		G9	S4642	100T4/G9/CL	120	Clear	2 7/32"	56	CC-8	1600	2000	Box	48	
			S3547	100T4/G9/CL	120	Clear	2 7/32"	56	CC-8	1600	2000	CD/1	12	

Have a special requirement? Visit our website at www.satco.com

Halogen Lamps



E11 – DC Bay

Single Ended - E11 MiniCan - E12 Cand - E14 Euro - B15D DC Bay

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Filament	Initial Lumens	Avg Rated Hours	Pkg Type	Pack	Notes
20		E11	S4486	KX20CL/3M/MC	120	Clear	2 5/16"	59	CC-8	200	3000	Box	10	1
			S4489	KX20FR/3M/MC	120	Frost	2 5/16"	59	CC-8	200	3000	Box	10	1
		E12	S4480	KX20CL/3M/E12	120	Clear	2 7/16"	63	CC-8	200	3000	Box	10	1
			S4483	KX20FR/3M/E12	120	Frost	2 7/16"	63	CC-8	200	3000	Box	10	1
		DC Bay.	S4492	KX20CL/3M/DC	120	Clear	2 1/4"	58	CC-8	200	3000	Box	10	1
			S4495	KX20FR/3M/DC	120	Frost	2 1/4"	58	CC-8	200	3000	Box	10	1
35		E11	S3165	35Q/CL/MC	120	Clear	2 5/16"	58	CC-2V	400	2000	Box	12	
			S1913	35Q/FR/MC	120	Frost	2 5/16"	58	CC-2V	360	2000	Box	12	
		DC Bay.	S1979	35Q/CL/DC	120	Clear	2 3/32"	53	CC-2V	400	2000	Box	12	
			S1980	35Q/FR/DC	120	Frost	2 3/32"	53	CC-2V	360	2000	Box	12	
40		E11	S4487	KX40CL/3M/MC	120	Clear	2 5/16"	59	CC-8	560	3000	Box	10	1
			S4490	KX40FR/3M/MC	120	Frost	2 5/16"	59	CC-8	560	3000	Box	10	1
		E12	S4481	KX40CL/3M/E12	120	Clear	2 7/16"	63	CC-8	560	3000	Box	10	1
			S4484	KX40FR/3M/E12	120	Frost	2 7/16"	63	CC-8	560	3000	Box	10	1
		DC Bay.	S4493	KX40CL/3M/DC	120	Clear	2 1/4"	58	CC-8	560	3000	Box	10	1
			S4496	KX40FR/3M/DC	120	Frost	2 1/4"	58	CC-8	560	3000	Box	10	1
50		E11	S3162	50Q/CL/MC	120	Clear	2 5/16"	58	CC-2V	750	2000	Box	12	
			S3198	50Q/CL/MC	130	Clear	2 5/16"	58	CC-2V	750	2000	Box	12	
			S1914	50Q/F/MC	120	Frost	2 5/16"	58	CC-2V	675	2000	Box	12	
		DC Bay.	S1981	50Q/CL/DC	120	Clear	2 3/32"	53	CC-2V	750	2000	Box	12	
			S1982	50Q/F/DC	120	Frost	2 3/32"	53	CC-2V	675	2000	Box	12	

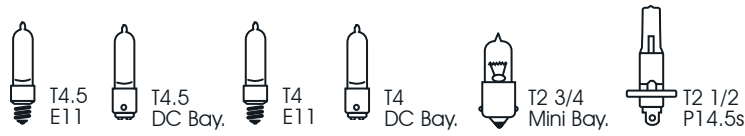
halogen lamps











Single Ended - E11 MiniCan - E12 Cand - E14 Euro - B15D DC Bay (cont.)

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Filament	Initial Lumens	Avg Rated Hours	Pkg Type	Pack	Notes
60		E11	S4488	KX60CL/3M/MC	120	Clear	2 5/16"	59	CC-8	960	3000	Box	10	1
			S4491	KX60FR/3M/MC	120	Frost	2 5/16"	59	CC-8	950	3000	Box	10	1
		E12	S4482	KX60CL/3M/E12	120	Clear	2 7/16"	63	CC-8	960	3000	Box	10	1
		E12	S4485	KX60FR/3M/E12	120	Frost	2 7/16"	63	CC-8	950	3000	Box	10	1
			DC Bay.	S4494	KX60CL/3M/DC	120	Clear	2 1/4"	58	CC-8	960	3000	Box	10
		S4497	KX60FR/3M/DC	120	Frost	2 1/4"	58	CC-8	950	3000	Box	10	1	
75		E11	S3157	75Q/CL/MC	120	Clear	2 11/16"	68	CC-8	1250	2000	Box	12	
			S3484	75Q/CL/MC	120	Clear	2 11/16"	68	CC-8	1250	2000	CD/1	12	
			S1915	75Q/F/MC	120	Frost	2 11/16"	68	CC-8	1125	2000	Box	12	
		DC Bay.	S3159	75Q/CL/DC	120	Clear	2 13/32"	61	CC-8	1250	2000	Box	12	
			S3432	75Q/CL/DC	120	Clear	2 13/32"	61	CC-8	1250	2000	CD/1	12	
			S1919	75Q/F/DC	120	Frost	2 13/32"	61	CC-8	1125	2000	Box	12	
100		E11	S3107	100Q/CL/MC	120	Clear	2 11/16"	68	CC-8	1600	2000	Box	12	
			S3485	100Q/CL/MC	120	Clear	2 11/16"	68	CC-8	1600	2000	CD/1	12	
			S1916	100Q/FR/MC	120	Frost	2 11/16"	68	CC-8	1440	2000	Box	12	
		E14	S3132	100Q/CL/E14	120	Clear	2 15/16"	74	CC-8	1600	2000	Box	12	
			S3491	100Q/CL/E14	120	Clear	2 15/16"	74	CC-8	1600	2000	CD/1	12	
				DC Bay.	S3147	100Q/CL/DC	120	Clear	2 13/32"	61	CC-8	1600	2000	Box
	S3488	100Q/CL/DC			120	Clear	2 13/32"	61	CC-8	1600	2000	CD/1	12	
	S1920	100Q/F/DC			120	Frost	2 13/32"	61	CC-8	1440	2000	Box	12	
		T4 Long DC Bay.	S4361	100Q/CL/DC	120	Clear	3 3/8"	86	CC-2V	1600	2000	Box	10	2

Halogen Lamps

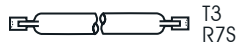


Single Ended - E11 MiniCan - E12 Cand - E14 Euro - B15D DC Bay (cont.)

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Filament	Initial Lumens	Avg Rated Hours	Pkg Type	Pack	Notes
150		E11	S3108	150Q/CL/MC	120	Clear	2 23/32"	69	CC-8	2400	2000	Box	12	
			S3486	150Q/CL/MC	120	Clear	2 23/32"	69	CC-8	2400	2000	CD/1	12	
			S1917	150Q/F/MC	120	Frost	2 23/32"	68	CC-8	2160	2000	Box	12	
		E14	S3133	150Q/CL/E14	120	Clear	3 1/32"	77	CC-8	2400	2000	Box	12	
			S3492	150Q/CL/E14	120	Clear	3 1/32"	77	CC-8	2400	2000	CD/1	12	
			S3122	150Q/CL/DC	120	Clear	2 13/32"	61	CC-8	2400	2000	Box	12	
		DC Bay.	S3489	150Q/CL/DC	120	Clear	2 13/32"	61	CC-8	2400	2000	CD/1	12	
			S1921	150Q/F/DC	120	Frost	2 13/32"	61	CC-8	2160	2000	Box	12	
250		E11	S3109	250Q/CL/MC	120	Clear	3 5/32"	80	CC-8	4350	2000	Box	12	
			S3487	250Q/CL/MC	120	Clear	3 5/32"	80	CC-8	4350	2000	CD/1	12	
			S1918	250Q/F/MC	120	Frost	3 5/32"	80	CC-8	3915	2000	Box	12	
		E14	S3134	250Q/CL/E14	120	Clear	3 11/32"	85	CC-8	4350	2000	Box	12	
			S3493	250Q/CL/E14	120	Clear	3 11/32"	85	CC-8	4350	2000	CD/1	12	
			S3123	250Q/CL/DC	120	Clear	2 27/32"	72	CC-8	4350	2000	Box	12	
		DC Bay.	S3490	250Q/CL/DC	120	Clear	2 27/32"	72	CC-8	4350	2000	CD/1	12	
			S1922	250Q/F/DC	120	Frost	2 27/32"	72	CC-8	3915	2000	Box	12	
500		E11	S3181	500Q/CL	120	Clear	3 15/32"	88	CC-8	8500	2000	Box	12	
			S4362 ▲	500Q/CL/MC/EVR	120	Clear	3 3/4"	95	CC-8	10450	2000	Box	12	3
			S3182	500Q/F	120	Frost	3 15/32"	88	CC-8	7650	2000	Box	12	
		DC Bay.	S4363 ▲	500Q/MC/EYX	120	Frost	3 3/4"	95	CC-8	10100	2000	Box	12	3
			S1983	500Q/CL	120	Clear	3 3/4"	95	CC-8	8500	2000	Box	12	
			S1984	500Q/F	120	Frost	3 3/4"	95	CC-8	7650	2000	Box	12	

Specialty Single Ended Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Filament	Initial Lumens	Avg Rated Hours	Pkg Type	Pack	Notes
5	T2 3/4	Mini Bay	VJ020 ▲	64111	12	Clear	1 9/32"	33	C-6	50	240	Slve	10	10
55	T2 1/2	P14.5s	VM010 ▲	64150	120	Clear	2 7/16"	63	C-8	1000	350	Slve	10	11



Linear Double Ended Lamps

Double Ended J-Style

Watts	Bulb	Base	Satco Product Number	Lamp Code	Volts	Finish	MOL Inches	MOL mm	Filament	Average Rated Hours	Initial Lumens	Pkg Type	Pack
75		R7S	S3199	75T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	1200	Box	12
			S3183	75T3Q/CL	130	Clear	3 1/8"	78 mm	C-8	2000	1200	Box	12
100		R7S	S3146	100T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	1650	Box	12
			S3480	100T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	1650	CD/1	12
			S3422	100T3Q/CL/2PK	120	Clear	3 1/8"	78 mm	C-8	2000	1650	CD/2	12
			S3166	100T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	1650	Box	12
			S3431	100T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	1650	CD/1	12
150		R7S	S3135	150T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	2600	Box	12
			S3481	150T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	2600	CD/1	12
			S3423	150T3Q/CL/2PK	120	Clear	3 1/8"	78 mm	C-8	2000	2600	CD/2	12
			S3142	150T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	2600	Box	12
			S3494	150T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	2600	CD/1	12
200		R7S	S3145	200T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	3200	Box	12
			S3482	200T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	3200	CD/1	12
			S3136	200T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	3200	Box	12
			S3495	200T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	3200	CD/1	12
250		R7S	S3184	250T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	3950	Box	12
			S3426	250T3Q/CL	120	Clear	3 1/8"	78 mm	C-8	2000	3950	CD/1	12
300		R7S	S3104	300T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	5000	Box	12
			S3496	300T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	5000	CD/1	12
			S3430	300T3Q/CL/2PK	120	Clear	4 11/16"	118 mm	C-8	2000	5000	CD/2	12
			S3410	300T3Q/CL/3PK	120	Clear	4 11/16"	118 mm	C-8	2000	5000	CD/3	12
			S1925	300T3Q/CL	130	Clear	4 11/16"	118 mm	C-8	2000	5000	Box	12
			Blade	S3180	300T3Q/CL	120	Clear	5 13/16"	145 mm	C-8	2000	5000	Box
	S3429	300T3Q/CL		120	Clear	5 13/16"	145 mm	C-8	2000	5000	CD/1	12	
500		R7S	S3105	500T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	9500	Box	12
			S3497	500T3Q/CL	120	Clear	4 11/16"	118 mm	C-8	2000	9500	CD/1	12
			S3433	500T3Q/CL/2PK	120	Clear	4 11/16"	118 mm	C-8	2000	9500	CD/2	12
			S3411	500T3Q/CL/3PK	120	Clear	4 11/16"	118 mm	C-8	2000	9500	CD/3	12
			S1926	500T3Q/CL	130	Clear	4 11/16"	118 mm	C-8	2000	9500	Box	12
	Blade	S1923	500T3Q/CL	120	Clear	5 13/16"	145 mm	C-8	2000	9500	Box	12	
1500		R7S	S3106	1500T3Q/CL	240	Clear	10 1/16"	254 mm	C-8	2000	33000	Box	12


halogen lamps

Halogen Lamps





MR8, MR11, MR16 Lamps


MR8 Bi Pin Base 12 Volt

Watts	Bulb	Base	Salco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
10		GZ4	S4646	10MR8/NSP	NSP 9		12	Y		2000	N	C-6	1 1/4"	Box	12	
			S4645	10MR8/NFL	NFL 23		12	Y		2000	N	C-6	1 1/4"	Box	12	


MR11 Bi Pin Base 6, 12, & 24 Volt

Watts	Bulb	Base	Salco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
5		GZ4	S4628	5MR11/NFL	NFL 30		6	Y		2000			1 1/4"	Box	12	
			S3194	5MR11/NSP	NSP 9		12		200	2000		C-6	1 1/4"	Box	12	

10		GZ4	S4629	10MR11/NFL	NFL 30		6	Y		2000			1 1/4"	Box	12	
			S3195	10MR11/SP	SP 12		12		650	2000		C-6	1 1/4"	Box	12	

20		GZ4	S3150	20MR11/NSP	NSP 9	FTB	12		2500	2000		C-6	1 1/4"	Box	12	
			S3152	20MR11/SP	SP 12	FTC	12		1750	2000		C-6	1 1/4"	Box	12	
			S3464	20MR11/SP	SP 12	FTC	12		1750	2000	Y	C-6	1 1/4"	CD/1	12	
			S1990	20MR11/SP/C	SP 12	FTC/C/24	24	Y	1750	2000	Y	C-6	1 1/4"	Box	12	
			S3154	20MR11/NFL	NFL 24	FTD	12		700	2000		C-6	1 1/4"	Box	12	
			S3465	20MR11/NFL	NFL 24	FTD	12		700	2000	Y	C-6	1 1/4"	CD/1	12	
			S3424	20MR11/NFL/2PK	NFL 24	FTD	12		700	2000	Y	C-6	1 1/4"	CD/2	12	
			S1950	20MR11/NFL/C	NFL 24	FTD/C	12	Y	700	2000		C-6	1 1/4"	Box	12	
			S1988	20MR11/NFL/C	NFL 24	FTD/C/24	24	Y	700	2000	Y	C-6	1 1/4"	Box	12	
			S4124	20MR11/FL/FR/C	FL 36		12	Y		2000	Y	C-6	1 1/4"	Box	12	

SOFT RAY

35		GZ4	S3151	35MR11/NSP	NSP 9	FTE	12		4500	2000		C-6	1 1/4"	Box	12	
			S1991	35MR11/NSP/C	NSP 9	FTE/C/24	24	Y	4500	2000	Y	C-6	1 1/4"	Box	12	
			S3153	35MR11/SP	SP12	FTF	12		2500	2000		C-6	1 1/4"	Box	12	
			S3466	35MR11/SP	SP12	FTF	12		2500	2000	Y	C-6	1 1/4"	CD/1	12	
			S3155	35MR11/NFL	NFL 24	FTH	12		1550	2000		C-6	1 1/4"	Box	12	
			S3467	35MR11/NFL	NFL 24	FTH	12		1550	2000	Y	C-6	1 1/4"	CD/1	12	
			S3425	35MR11/NFL/2PK	NFL 24	FTH	12		1550	2000	Y	C-6	1 1/4"	CD/2	12	
			S1951	35MR11/NFL/C	NFL 24	FTH/C	12	Y	1550	2000		C-6	1 1/4"	Box	12	
			S1989	35MR11/NFL/C	NFL 24	FTH/C/24	24	Y	1550	2000	Y	C-6	1 1/4"	Box	12	
			S4125	35MR11/FL/FR/C	FL 36		12	Y		2000	Y	C-6	1 1/4"	Box	12	

SOFT RAY

halogen lamps



MR11
DC Bay.



MR16
GX5.3

MR11 DC Bayonet Base 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		DC Bay.	S1954	20MR11/SP/DC	SP 12	FST/C	12	Y	1750	2000	Y	C-6	1 5/8"	Box	12	
			S1952	20MR11/NFL/DC	NFL 24	FSV/C	12	Y	700	2000	Y	C-6	1 5/8"	Box	12	
35		DC Bay.	S1955	35MR11/SP/DC	SP 12	GDY/C	12	Y	2550	2000	Y	C-6	1 5/8"	Box	12	
			S1953	35MR11/NFL/DC	NFL 24	GDZ/C	12	Y	1550	2000	Y	C-6	1 5/8"	Box	12	

MR16 Bi Pin 12 & 24 Volt

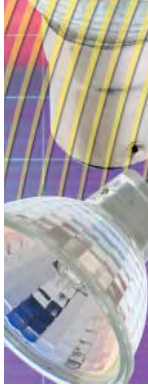
Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		GX5.3	S1957	20MR16/NSP	NSP 9	ESX	12		4100	2000	Y	C-8	1 7/8"	Box	12	
			S3460	20MR16/NSP	NSP 9	ESX	12		4100	2000	Y	C-8	1 7/8"	CD/1	12	
			S1967	20MR16/NSP/C	NSP 9	ESX/C	12	Y	4100	2000	Y	C-8	1 7/8"	Box	12	
			S1995	20MR16/NSP/C	NSP 9	ESX/C	24	Y	4100	2000	Y	C-8	1 7/8"	Box	12	
			S1956	20MR16/FL	FL 36	BAB	12		700	2000	Y	C-6	1 7/8"	Box	12	
			S3461	20MR16/FL	FL 36	BAB	12		700	2000	Y	C-6	1 7/8"	CD/1		
			S1966	20MR16/FL/C	FL 36	BAB/C	12	Y	700	2000	Y	C-6	1 7/8"	Box	12	
			S1992	20MR16/FL/C	FL 36	BAB/C	24	Y	700	2000	Y	C-8	1 7/8"	Box	12	
			S4120	20MR16/FL/FR/C	FL 36		12	Y	288	2000	Y	C-6	1 7/8"	Box	12	
35		GX5.3	S1958	35MR16/NSP	NSP 9	FRB	12		7000	2000	Y	C-6	1 7/8"	Box	12	
			S4364	35MR16/NSP/C	NSP 9	FRB/C	12	Y	7000	2000	Y	C-6	1 7/8"	Box	12	
			S1996	35MR16/NSP/C	NSP 9	FRB/C	24	Y	7000	2000	Y	C-6	1 7/8"	Box	12	
			S1959	35MR16/FL	FL 36	FMW	12		1250	2000	Y	C-6	1 7/8"	Box	12	
			S4365	35MR16/FL/C	FL 36	FMW/C	12	Y	1250	2000	Y	C-6	1 7/8"	Box	12	
			S1993	35MR16/FL/C	FL 36	FMW/C	24	Y	700	2000	Y	C-6	1 7/8"	Box	12	
			S4121	35MR16/FL/FR/C	FL 36		12	Y	520	2000	Y	C-6	1 7/8"	Box	12	
50		GX5.3	S1961	50MR16/NSP	NSP 9	EXT	12		10000	2000	Y	C-6	1 7/8"	Box	12	
			S3462	50MR16/NSP	NSP 9	EXT	12		10000	2000	Y	C-6	1 7/8"	CD/1	12	
			S3170	50MR16/NSP/C	NSP 9	EXT/C	12	Y	10000	2000	Y	C-8	1 7/8"	Box	12	
			S1997	50MR16/NSP/C	NSP 9	EXT/C	24	Y	10000	2000	Y	C-8	1 7/8"	Box	12	
			S1962	50MR16/NFL	NFL 18	EXZ	12		4400	2000	Y	C-6	1 7/8"	Box	12	
			S1960	50MR16/FL	FL 36	EXN	12		1700	2000	Y	C-8	1 7/8"	Box	12	
			S3463	50MR16/FL	FL 36	EXN	12		1700	2000	Y	C-8	1 7/8"	CD/1	12	
			S3169	50MR16/FL/C	FL 36	EXN/C	12	Y	1700	2000	Y	C-8	1 7/8"	Box	12	
			S1994	50MR16/FL/C	FL 36	EXN/C	24	Y	1700	2000	Y	C-8	1 7/8"	Box	12	
			S4122	50MR16/FL/FR/C	FL 36		12	Y	820	2000	Y	C-6	1 7/8"	Box	12	
			S1963	50MR16/WFL	WFL 60	FNV	12		2200	2000	Y	C-6	1 7/8"	Box	12	
65		GX5.3	S1965	65MR16/NSP	NSP 9	FPA	12		9530	2000	Y	C-6	1 7/8"	Box	12	
			S1969	65MR16/NSP/C	NSP 9	FPA	12	Y	9500	2000	Y	C-8	1 7/8"	Box	12	
			S1964	65MR16/FL	FL 36	FPB	12		3600	2000	Y	C-6	1 7/8"	Box	12	
			S1968	65MR16/FL/C	FL 36	FPB	12	Y	3600	2000	Y	C-6	1 7/8"	Box	12	
			S4123	65MR16/FL/FR/C	FL 36		12	Y	880	2000	Y	C-6	1 7/8"	Box	12	

SOFT RAY

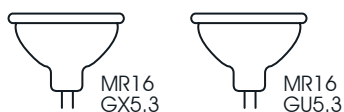
SOFT RAY

SOFT RAY





SOFT RAY







Halogen Lamps



MR16 Bi Pin Aluminized Reflector 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		GU5.3	S2603 ▲	20MR16/B/NSP	NSP 8	ESX	12		4650	4000	Y	AX	1 3/4"	Box	10	6
			S2604 ▲	20MR16/B/C/NSP	NSP 8	ESX/C	12	Y	4400	4000	Y	AX	1 3/4"	Box	10	6
			S2601 ▲	20MR16/B/FL	FL 35	BAB	12		625	4000	Y	AX	1 3/4"	Box	10	6
			S2602 ▲	20MR16/B/C/FL	FL 35	BAB/C	12	Y	600	4000	Y	AX	1 3/4"	Box	10	6
35		GU5.3	S2606 ▲	35MR16/B/SP	SP10	FRB	12		8700	4000	Y	AX	1 3/4"	Box	10	6
			S2605 ▲	35MR16/B/FL	FL 35	FMW	12		1300	4000	Y	AX	1 3/4"	Box	10	6
50		GU5.3	S2610 ▲	50MR16/B/SP	SP 11	EXT	12		10500	4000	Y	AX	1 3/4"	Box	10	6
			S2611 ▲	50MR16/B/C/SP	SP 11	EXT/C	12	Y	10000	4000	Y	AX	1 3/4"	Box	10	6
			S2609 ▲	50MR16/B/NFL	NFL25	EXZ	12		3000	4000	Y	AX	1 3/4"	Box	10	6
			S2607 ▲	50MR16/B/FL	FL 35	EXN	12		1900	4000	Y	AX	1 3/4"	Box	10	6
			S2608 ▲	50MR16/B/C/FL	FL 35	EXN/C	12	Y	1800	4000	Y	AX	1 3/4"	Box	10	6
65		GU5.3	S2614 ▲	65MR16/B/SP	SP 10	FPA	12		12500	4000	Y	AX	1 3/4"	Box	10	6
			S2613 ▲	65MR16/B/NFL	NFL 25	FPC	12		3600	4000	Y	AX	1 3/4"	Box	10	6
			S2612 ▲	65MR16/B/FL	FL 40	FPB	12		2100	4000	Y	AX	1 3/4"	Box	10	6

MR16 Bi Pin Hard Coated Dichroic Reflector 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		GU5.3	S2616 ▲	20MR16/T/SP	SP 10	ESX	12		5000	4000	Y	AX	1 3/4"	Box	10	7
			S2615 ▲	20MR16/T/FL	FL 40	BAB	12		700	4000	Y	AX	1 3/4"	Box	10	7
			S2617 ▲	20MR16/T/WFL	WFL 60		12		350	4000	Y	AX	1 3/4"	Box	10	7
35		GU5.3	S2620 ▲	35MR16/T/SP	SP 10	FRB	12		8300	4000	Y	AX	1 3/4"	Box	10	7
			S2619 ▲	35MR16/T/NFL	NFL 25		12		3100	4000	Y	AX	1 3/4"	Box	10	7
			S2618 ▲	35MR16/T/FL	FL 40	FMW	12		1250	4000	Y	AX	1 3/4"	Box	10	7
			S2621 ▲	35MR16/T/WFL	WFL 60		12		650	4000	Y	AX	1 3/4"	Box	10	7
50		GU5.3	S2624 ▲	50MR16/T/SP	SP 10	EXT	12		11500	4000	Y	AX	1 3/4"	Box	10	7
			S2623 ▲	50MR16/T/NFL	NFL 25	EXZ	12		3200	4000	Y	AX	1 3/4"	Box	10	7
			S2622 ▲	50MR16/T/FL	FL 40	EXN	12		2000	4000	Y	AX	1 3/4"	Box	10	7
			S2625 ▲	50MR16/T/WFL	WFL 60	FNV	12		1000	4000	Y	AX	1 3/4"	Box	10	7
65		GU5.3	S2628 ▲	65MR16/T/SP	SP 10	FPA	12		14000	4000	Y	AX	1 3/4"	Box	10	7
			S2627 ▲	65MR16/T/NFL	NFL 25	FPC	12		4000	4000	Y	AX	1 3/4"	Box	10	7
			S2626 ▲	65MR16/T/FL	FL 40	FPB	12		2100	4000	Y	AX	1 3/4"	Box	10	7
			S2629 ▲	65MR16/T/WFL	WFL 60		12		1050	4000	Y	AX	1 3/4"	Box	10	7

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO



MR16 Bi Pin Energy Saver 12 Volt with Infrared Reflective Coating

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes	
20		GU5.3	S2632 ▲	20MR16/IR/SP	SP 10		12	Y	6000	4000	Y	AX	1 3/4"	Box	20	8	
			S2631 ▲	20MR16/IR/NFL	NFL 25		12	Y	2300	4000	Y	AX	1 3/4"	Box	20	8	
			S2630 ▲	20MR16/IR/FL	FL 40		12	Y	1000	4000	Y	AX	1 3/4"	Box	20	8	
			S2633 ▲	20MR16/IR/WFL	WFL 60		12	Y	450	4000	Y	AX	1 3/4"	Box	20	8	
37		GU5.3	S2636 ▲	37MR16/IR/SP	SP 10		12	Y	12500	4000	Y	AX	1 3/4"	Box	20	8	
			S2635 ▲	37MR16/IR/NFL	NFL 25		12	Y	4400	4000	Y	AX	1 3/4"	Box	20	8	
			S2634 ▲	37MR16/IR/FL	FL 40		12	Y	2200	4000	Y	AX	1 3/4"	Box	20	8	
			S2637 ▲	37MR16/IR/WFL	WFL 60		12	Y	1100	4000	Y	AX	1 3/4"	Box	20	8	
50		GU5.3	S2640 ▲	50MR16/IR/SP	SP 10		12	Y	15000	4000	Y	AX	1 3/4"	Box	20	8	
			S2639 ▲	50MR16/IR/NFL	NFL 25		12	Y	5700	4000	Y	AX	1 3/4"	Box	20	8	
			S2638 ▲	50MR16/IR/FL	FL 40		12	Y	2850	4000	Y	AX	1 3/4"	Box	20	8	
			S2641 ▲	50MR16/IR/WFL	WFL 60		12	Y	1430	4000	Y	AX	1 3/4"	Box	20	8	

MR16 DC Bayonet 12 Volt

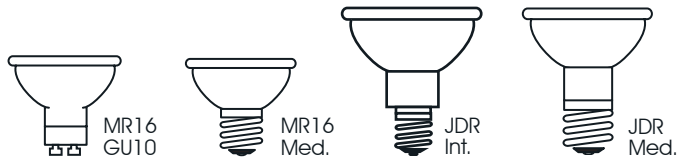
Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		DC Bay.	S1971	20MR16/DC/NSP	NSP 9		12	Y	4100	2000	Y	C-8	1 7/8"	Box	12	
			S1970	20MR16/DC/FL	FL 36		12	Y	700	2000	Y	C-6	1 7/8"	Box	12	
50		DC Bay.	S1973	50MR16/DC/NSP	NSP 9		12	Y	4100	2000	Y	C-8	1 7/8"	Box	12	
			S1972	50MR16/DC/FL	FL 36		12	Y	1700	2000	Y	C-8	1 7/8"	Box	12	
65		DC Bay.	S1975	65MR16/DC/NSP	NSP 9		12	Y	9500	2000	Y	C-8	1 7/8"	Box	12	
			S1974	65MR16/DC/FL	FL 36		12	Y	10000	2000	Y	C-8	1 7/8"	Box	12	

MR16 Bi Pin 120 Volt




Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		GX5.3	S1976	20MR16/FL	FL 36		120	Y	700	2000	Y	CC-8	1 7/8"	Box	12	
		G8	S4626	20MR16/FL	FL 36		120	Y	700	2000			CC-8	1 7/8"	Box	12
35		GX5.3	S1977	35MR16/FL	FL 36		120	Y	1250	2000	Y	CC-8	1 7/8"	Box	12	
		G8	S4627	35MR16/FL	FL 36		120	Y	1250	2000			CC-8	1 7/8"	Box	12
50		GX5.3	S1978	50MR16/FL	FL 36		120	Y	1700	2000	Y	CC-8	1 7/8"	Box	12	
		G8	S4618	50MR16/FL	FL 36		120	Y	1700	2000			CC-8	1 7/8"	Box	12

halogen lamps









Halogen Lamps



MR16 GU10 (Twist Base) 120 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20	 <i>SOFTRAY</i>	GU10	S3515	20MR16/GU10/FL	FL 36		120	Y	700	2000		CC-8	1 7/8"	Box	12	
			S3500	20MR16/GU10/FL	FL 36		120	Y	700	2000	Y	CC-8	1 7/8"	CD/1	12	
			S4127	20MR16/GU10/FL/FR	FL 36		120	Y		2000	Y	CC-8	1 7/8"	Box	12	
35	 <i>SOFTRAY</i>	GU10	S3516	35MR16/GU10/FL	FL 36		120	Y	1250	2000		CC-8	1 7/8"	Box	12	
			S3501	35MR16/GU10/FL	FL 36		120	Y	1250	2000	Y	CC-8	1 7/8"	CD/1	12	
			S4128	35MR16/GU10/FL/FR	FL 36		120	Y		2000	Y	CC-8	1 7/8"	Box	12	
50	 <i>SOFTRAY</i>	GU10	S3517	50MR16/GU10/FL	FL 36		120	Y	1700	2000		CC-8	1 7/8"	Box	12	
			S3502	50MR16/GU10/FL	FL 36		120	Y	1700	2000	Y	CC-8	1 7/8"	CD/1	12	
			S4129	50MR16/GU10/FL/FR	FL 36		120	Y		2000	Y	CC-8	1 7/8"	Box	12	

MR16 & JDR Screw Base 120 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Avg. Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.	Notes
20		Med.	S4623	20MR16/FL/MED	FL 36		120	Y	700	2000	Y	CC-8	1 7/8"	Box	12	
35		Med.	S4624	35MR16/FL/MED	FL 36		120	Y	1250	2000	Y	CC-8	1 7/8"	Box	12	
50		Med.	S4625	50MR16/FL/MED	FL 36		120	Y	1700	2000	Y	CC-8	1 7/8"	Box	12	
		Med.	S3139	50JDR/FL	FL 36		120	Y	1500	2000	Y	CC-8	2 7/8"	Box	12	
75		Int.	S3115	75JDR/N/FL	FL 36		120	Y	1650	2000	Y	CC-8	2 7/8"	Box	12	
			S3434	75JDR/N/FL	FL 36		120	Y	1650	2000	Y	CC-8	2 7/8"	CD/1	12	
		Med.	S3113	75JDR/FL	FL 36		120	Y	1650	2000	Y	CC-8	2 7/8"	Box	12	
			S3438	75JDR/FL	FL 36		120	Y	1650	2000	Y	CC-8	2 7/8"	CD/1	12	
100		Int.	S3116	100JDR/N/FL	FL 36		120	Y	1950	2000	Y	CC-8	2 7/8"	Box	12	
			S3435	100JDR/N/FL	FL 36		120	Y	1950	2000	Y	CC-8	2 7/8"	CD/1	12	
		Med.	S3114	100JDR/FL	FL 36		120	Y	1950	2000	Y	CC-8	2 7/8"	Box	12	
			S3439	100JDR/FL	FL 36		120	Y	1950	2000	Y	CC-8	2 7/8"	CD/1	12	

halogen lamps



halogen lamps

Aluminum Reflector Lamps

ALR Closed Aluminum Reflector 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Average Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.
20		DC Bay	\$2642 ▲	20ALR12/NSP/CLR	NSP 6	GBD	12	Y	6400	2000	Y	C-8	1 3/8"	Box	50
			\$2643 ▲	20ALR12/SP/FRST	SP18	GBE	12	Y	1000	2000	Y	C-8	1 3/8"	Box	50
			\$2644 ▲	20ALR12/FL/FRST	FL34	GBF	12	Y	350	2000	Y	C-8	1 3/8"	Box	50
50		DC Bay	\$2646 ▲	50ALR18/SP/CLR	SP 10	GBJ	12	Y	12000	2000	Y	C-8	2 1/4"	Box	50
			\$2645 ▲	50ALR18/NFL/FRST	NFL 22	GBK	12	Y	2000	2000	Y	C-8	2 1/4"	Box	50

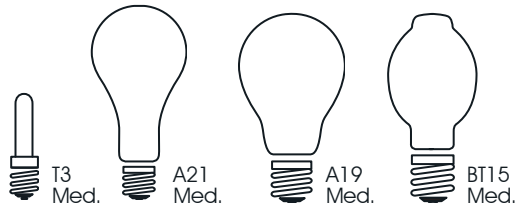
AR70 Aluminum Reflector 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Average Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.
20		DC Bay	\$4680 ▲	20AR70/SP8	SP 8		12		7700	3000	Y	C-8	1 15/16"	Box	10
			\$4681 ▲	20AR70/FL25	FL 25		12		900	3000	Y	C-8	1 15/16"	Box	10
50		DC Bay	\$4682 ▲	50AR70/SP8	SP 8		12		12500	3000	Y	C-8	1 15/16"	Box	10
			\$4683 ▲	50AR70/FL25	FL 25		12		2600	3000	Y	C-8	1 15/16"	Box	10

AR111 Aluminum Reflector 6 & 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	ANSI	Volts	Lens	CBCP	Average Rated Hours	UV Block	Filament	MOL	Pkg Type	Ctn.
35		G53	\$4685 ▲	35AR111/SSP4/6V	SSP 4		6		30000	3000	Y	C-8	2 3/8"	Box	6
			\$4684 ▲	35AR111/SSP4	SSP 4		12		40000	3000	Y	C-8	2 3/8"	Box	6
			\$4686 ▲	35AR111/SP8	SP 8		12		14000	3000	Y	C-8	2 5/16"	Box	6
			\$4687 ▲	35AR111/FL25	NFL 25		12		2500	3000	Y	C-8	2 5/16"	Box	6
50		G53	\$4688 ▲	50AR111/SSP4	SSP 4		12		45000	3000	Y	C-8	2 3/8"	Box	6
			\$4689 ▲	50AR111/SP8	SP 8		12		20000	3000	Y	C-8	2 1/4"	Box	6
			\$4690 ▲	50AR111/FL25	NFL 25		12		4000	3000	Y	C-8	2 5/16"	Box	6
75		G53	\$4691 ▲	75AR111/SP8	SP 8		12		30000	3000	Y	C-8	2 1/4"	Box	6
			\$4692 ▲	75AR111/FL25	NFL 25		12		5300	3000	Y	C-8	2 5/16"	Box	6
			\$4693 ▲	75AR111/WFL45	WFL 45		12		2000	3000	Y	C-8	2 3/16"	Box	6
100		G53	\$4694 ▲	100AR111/SP8	SP 8		12		48000	3000	Y	C-8	2 1/4"	Box	6
			\$4695 ▲	100AR111/FL25	NFL 25		12		8500	3000	Y	C-8	2 5/16"	Box	6
			\$4696 ▲	100AR111/WFL45	WFL 45		12		2800	3000	Y	C-8	2 3/16"	Box	6

Halogen Lamps



Tubular and "A" Style

Medium Base Tubular and "A" Style Replacements

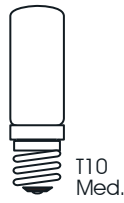
Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Volts	MOL	Initial Lumens	Avg. Rated Hours	Pkg Type	Mstr Case/ Inner Pk	Notes
20		Med.	S4308	KX20CL/3M/E26	Clear	120	2 3/4"	200	3000	Box	10	1
			S4309	KX20FR/3M/E26	Frost	120	2 3/4"	200	3000	Box	10	1
30/ 70/ 100		Med.	S4505	30/100A/HAL	White	120	5 1/16"	295/ 785/ 1080	4000	Sleeve	36/12	
40		Med.	S4310	KX40CL/3M/E26	Clear	120	2 3/4"	560	3000	Box	10	1
			S4311	KX40FR/3M/E26	Frost	120	2 3/4"	560	3000	Box	10	1
42		Med.	S1943	42A/CAP	Frost	120	4 3/8"	570	3500	Box	12	
			S2648	42A/CAP	Frost	130	4 3/8"	570	3500	Box	12	
50		Med.	S2647	50A/HAL/CRYSTAL	Crystal	120	4 3/8"	860	2500	Box	12	
50/ 100/ 150		Med.	S4506	50/150A/HAL	White	120	5 1/16"	585/ 1400/ 1985	4000	Sleeve	36/12	
52		Med.	S1944	52A/CAP	Frost	120	4 3/8"	770	3500	Box	12	
			S2649	52A/CAP	Frost	130	4 3/8"	770	3500	Box	12	
60		Med.	S1946	60A/HAL	Frost	120	4 3/8"	960	3000	Box	12	
				Med.	S4603	60/BT15/CL	Clear	120	4"	700	5000	CD/1
	S4600	60/BT15/W			White	120	4"	600	5000	CD/1	60/6	
		Med.	S4312	KX60CL/3M/E26	Clear	120	2 3/4"	960	3000	Box	10	1
S4313			KX60FR/3M/E26	Frost	120	2 3/4"	960	3000	Box	10	1	

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO

When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%

halogen lamps

Halogen Lamps

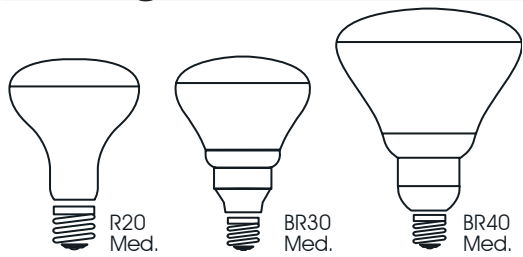


Medium Base Tubular and "A" Style Replacements (cont.)

Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Volts	MOL	Initial Lumens	Avg. Rated Hours	Pkg Type	Mstr Case/ Inner Pk	Notes		
72		A19 Med.	S1945 ▲	72A/CAP	Frost	120	4 3/8"	1150	3500	Box	12			
			S2650 ▲	72A/CAP	Frost	130	4 3/8"	1150	3500	Box	12			
75		A19 Med.	S1947 ▲	75A/HAL	Frost	120	4 3/8"	1300	3000	Box	12			
			S1942 ▲	75A/HAL/CRYSTAL	Crystal	120	4 3/8"	1330	3000	Box	12			
		BT15 Med.	S4601	75/BT15/W	White	120	4"	800	5000	CD/1	60/6			
				T10 Med.	S3472	75T10Q/CL	Clear	120	4"	1050	2000	CD/1	12	
					S3476	75T10Q/F	Frost	120	4"	1420	2000	CD/1	12	
100		A19 Med.	S1948 ▲	100A/HAL	Frost	120	4 3/8"	1800	3000	Box	12			
				BT15 Med.	S4602	100/BT15/W	White	120	4"	1200	5000	CD/1	60/6	
		T10 Med.			S3473	100T10Q/CL	Clear	120	4"	1500	2000	CD/1	12	
					S3477	100T10Q/F	Frost	120	4"	1450	2000	CD/1	12	
	150		T10 Med.	S3474	150T10Q/CL	Clear	120	4"	2500	2000	CD/1	12		
S3478				150T10Q/F	Frost	120	4"	2300	2000	CD/1	12			
		BT15 Med.	S4604	150/BT15/W	White	120	4"	1600	5000	CD/1	60/6			
				T10 Med.	S3475	250T10Q/CL	Clear	120	4"	4200	2000	CD/1	12	
S3479		250T10Q/F			Frost	120	4"	3900	2000	CD/1	12			






halogen lamps

Halogen Lamps



Reflector Flood Lamps

Medium Base Reflector Floods

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Spread	Volts	Avg Rated Hours	Initial Lumens	MOL	Pkg Type	Mstr Case/ Inner Pk
50		Med.	S4500	50R20/FL/HAL	FL 70	120	2500	450	4"	Sleeve	48/6
60		Med.	S4501	60BR30/FL/HAL	FL 80	120	2500	730	5 3/8"	Sleeve	48/6
			S4401	60BR30/FL/HAL	FL 80	130	2500	730	5 3/8"	Sleeve	48/6
75		Med.	S4502	75BR30/FL/HAL	FL 80	120	2500	900	5 3/8"	Sleeve	48/6
			S4402	75BR30/FL/HAL	FL 80	130	2500	900	5 3/8"	Sleeve	48/6
		Med.	S4504	75BR40/FL/HAL	FL 90	120	2500	900	6 1/2"	Sleeve	24/6
100		Med.	S4503	100BR40/FL/HAL	FL 90	120	2500	1400	6 1/2"	Sleeve	24/6

halogen lamps



PAR14
Med.



PAR16
Med.



Halogen Par Lamps

PAR14 and PAR16

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fimnt	MOL	Pkg Type	Ctn.	Notes																																																																																											
35	PAR14	Med.	S4658 ▲	35PAR14/CAP/FL	WFL 50	Clear	120	85	300	2000	CC-8	2 7/16"	Box	6																																																																																												
45	PAR16	Med	S2200	45PAR16/HAL/NFL	NFL 30	Clear	120	1250	360	2500	CC-8	3 3/16"	Box	15																																																																																												
																S2300	45PAR16/HAL/NFL	NFL 30	Clear	130	1250	360	2500	CC-8	3 3/16"	Box	15																																																																															
60	PAR16	Med.	S2202	60PAR16/HAL/NSP	NSP 10	Clear	120	4700	550	2500	CC-8	3 3/16"	Box	15																																																																																												
																▲	60PAR16/CAP/NSP	NSP 10	Clear	120	5000	650	2000	CC-8	2 7/8"	Box	15																																																																															
																													S2302	60PAR16/HAL/NSP	NSP 10	Clear	130	4700	550	2500	CC-8	3 3/16"	Box	15																																																																		
																																										▲	60PAR16/CAP/NSP	NSP 10	Clear	130	5000	650	2000	CC-8	2 7/8"	Box	15																																																					
																																																							S2201	60PAR16/HAL/NFL	NFL 30	Clear	120	2000	550	2500	CC-8	3 3/16"	Box	15																																								
																																																																				▲	60PAR16/CAP/NFL	NFL 30	Clear	120	1300	650	2000	CC-8	2 7/8"	Box	15																											
																																																																																	S2301	60PAR16/HAL/NFL	NFL 30	Clear	130	2000	550	2500	CC-8	3 3/16"	Box	15														
																																																																																														▲	60PAR16/CAP/NFL	NFL 30	Clear	130	1300	650	2000	CC-8	2 7/8"	Box	15	
SOFTRAY																																																																																																										
													75	PAR16	Med.	S2204	75PAR16/HAL/NSP	NSP 10	Clear	120	7000	800	2500	CC-8	3 3/16"	Box	15																																																																															
																													▲	75PAR16/CAP/NSP	NSP 10	Clear	120	7500	900	2000	CC-8	2 7/8"	Box	15																																																																		
																																										S2304	75PAR16/HAL/NSP	NSP 10	Clear	130	7000	800	2500	CC-8	3 3/16"	Box	15																																																					
																																																							▲	75PAR16/CAP/NSP	NSP 10	Clear	130	7500	900	2000	CC-8	2 7/8"	Box	15																																								
																																																																				S2203	75PAR16/HAL/NFL	NFL 30	Clear	120	2750	800	2500	CC-8	3 3/16"	Box	15																											
																																																																																	▲	75PAR16/CAP/NFL	NFL 30	Clear	120	1900	900	2000	CC-8	2 7/8"	Box	15														
																																																																																														S2303	75PAR16/HAL/NFL	NFL 30	Clear	130	2750	800	2500	CC-8	3 3/16"	Box	15	
S4109	75PAR16/HAL/FL/FROST	FL 38	Frost	120	1000	725	2500	CC-8	2 7/8"	Box	15																																																																																															
													SOFTRAY																																																																																													

halogen lamps

Halogen Lamps



PAR20
Med.

PAR20

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Flmnt	MOL	Pkg Type	Ctn.	Notes
35		Med.	S4909 ▲	35PAR20/CAP/NSP	NSP 10	Clear	120	3000	360	2500	CC-8	3 1/4"	Box	15	9
			S4661 ▲	35PAR20/CAP/NSP	NSP 10	Clear	130	3000	360	2500	CC-8	3 1/4"	Box	15	9
			S4908 ▲	35PAR20/CAP/NFL	NFL 30	Clear	120	800	360	2500	CC-8	3 1/4"	Box	15	9
			S4663 ▲	35PAR20/CAP/NFL	NFL 30	Clear	130	800	360	2500	CC-8	3 1/4"	Box	15	9
			S4910 ▲	35PAR20/CAP/WFL	WFL 40	Clear	120	500	360	2500	CC-8	3 1/8"	Box	15	9
			S4665 ▲	35PAR20/CAP/WFL	WFL 40	Clear	130	500	360	2500	CC-8	3 1/8"	Box	15	9

50		Med.	S2206	50PAR20/HAL/NSP	NSP 10	Clear	120	4700	450	2500	CC-8	3 1/4"	Box	15	
			S4913 ▲	50PAR20/CAP/NSP	NSP 10	Clear	120	6200	550	2500	CC-8	3 1/4"	Box	15	9
			S2306	50PAR20/HAL/NSP	NSP 10	Clear	130	4700	450	2500	CC-8	3 1/4"	Box	15	
			S4914 ▲	50PAR20/CAP/NSP	NSP 10	Clear	130	6200	550	2500	CC-8	3 1/4"	Box	15	9
			S2205	50PAR20/HAL/NFL	NFL 34	Clear	120	1300	450	2500	CC-8	3 1/4"	Box	15	
			S4911 ▲	50PAR20/CAP/NFL	NFL 30	Clear	120	1400	550	2500	CC-8	3 1/4"	Box	15	9
			S2305	50PAR20/HAL/NFL	NFL 34	Clear	130	1300	450	2500	CC-8	3 1/4"	Box	15	
			S4912 ▲	50PAR20/CAP/NFL	NFL 30	Clear	130	1400	550	2500	CC-8	3 1/4"	Box	15	9
			SOFT RAY S4100	50PAR20/HAL/FL/FROST	FL 38	Frost	120	750	450	2500	CC-8	3 1/4"	Box	15	
			SOFT RAY S4200	50PAR20/HAL/FL/FROST	FL 38	Frost	130	750	450	2500	CC-8	3 1/4"	Box	15	
			S4666 ▲	50PAR20/CAP/WFL40	WFL 40	Clear	120	900	550	2500	CC-8	3 1/8"	Box	15	9



PAR30 Short Neck

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fimnt	MOL	Pkg Type	Ctn.	Notes	
50		Med.	S2209	50PAR30/HAL/NSP	NSP 9	Clear	120	6500	520	2500	CC-8	3 5/8"	Box	15		
			S4919 ▲	50PAR30/CAP/NSP	NSP 9	Clear	120	8800	660	2500	CC-8	3 5/8"	Box	15	9	
			S2309	50PAR30/HAL/NSP	NSP 9	Clear	130	6500	520	2500	CC-8	3 5/8"	Box	15		
			S4920 ▲	50PAR30/CAP/NSP	NSP 9	Clear	130	8800	660	2500	CC-8	3 5/8"	Box	15	9	
			S2207	50PAR30/HAL/NFL	NFL 34	Clear	120	1350	520	2500	CC-8	3 5/8"	Box	15		
			S4917 ▲	50PAR30/CAP/NFL	NFL 25	Clear	120	2300	660	2500	CC-8	3 5/8"	Box	15	9	
			S2307	50PAR30/HAL/NFL	NFL 34	Clear	130	1350	520	2500	CC-8	3 5/8"	Box	15		
			S4918 ▲	50PAR30/CAP/NFL	NFL 25	Clear	130	2300	660	2500	CC-8	3 5/8"	Box	15	9	
			S4101	50PAR30/HAL/FL/FROST	FL 38	Frost	120	1050	520	2500	CC-8	3 5/8"	Box	15		
			S4201	50PAR30/HAL/FL/FROST	FL 38	Frost	130	1050	520	2500	CC-8	3 5/8"	Box	15		
			S4915 ▲	50PAR30/CAP/FL	FL 40	Clear	120	1300	660	2500	CC-8	3 5/8"	Box	15	9	
			S4916 ▲	50PAR30/CAP/FL	FL 40	Clear	130	1300	660	2500	CC-8	3 5/8"	Box	15	9	
			S2208	50PAR30/HAL/WFL	WFL50	Clear	120	750	520	2500	CC-8	3 5/8"	Box	15		
			S2308	50PAR30/HAL/WFL	WFL50	Clear	130	750	520	2500	CC-8	3 5/8"	Box	15		

SOFT RAY
SOFT RAY

75		Med.	S2212	75PAR30/HAL/NSP	NSP 9	Clear	120	10500	900	2500	CC-8	3 5/8"	Box	15		
			S4924 ▲	75PAR30/CAP/NSP	NSP 9	Clear	120	15400	1130	2500	CC-8	3 5/8"	Box	15	9	
			S2312	75PAR30/HAL/NSP	NSP 9	Clear	130	10500	900	2500	CC-8	3 5/8"	Box	15		
			S4925 ▲	75PAR30/CAP/NSP	NSP 9	Clear	130	15400	1130	2500	CC-8	3 5/8"	Box	15	9	
			S2210	75PAR30/HAL/NFL	NFL 34	Clear	120	2300	900	2500	CC-8	3 5/8"	Box	15		
			S4923 ▲	75PAR30/CAP/NFL	NFL 25	Clear	120	4000	1130	2500	CC-8	3 5/8"	Box	15	9	
			S2310	75PAR30/HAL/NFL	NFL 34	Clear	130	2300	900	2500	CC-8	3 5/8"	Box	15		
			S4924 ▲	75PAR30/CAP/NFL	NFL 25	Clear	130	4000	1130	2500	CC-8	3 5/8"	Box	15	9	
			S4102	75PAR30/HAL/FL/FROST	FL38	Frost	120	1600	900	2500	CC-8	3 5/8"	Box	15		
			S4202	75PAR30/HAL/FL/FROST	FL38	Frost	130	1600	900	2500	CC-8	3 5/8"	Box	15		
			S4921 ▲	75PAR30/CAP/FL	FL 40	Clear	120	2100	1130	2500	CC-8	3 5/8"	Box	15	9	
			S4922 ▲	75PAR30/CAP/FL	FL 40	Clear	130	2100	1130	2500	CC-8	3 5/8"	Box	15	9	
			S2211	75PAR30/HAL/WFL	WFL 50	Clear	120	950	900	2500	CC-8	3 5/8"	Box	15		
			S2311	75PAR30/HAL/WFL	WFL 50	Clear	130	950	900	2500	CC-8	3 5/8"	Box	15		

SOFT RAY
SOFT RAY

halogen lamps

Halogen Lamps



PAR30-L
Med.

PAR30 Long Neck

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Flmnt	MOL	Pkg Type	Ctn.	Notes
35	PAR30-L	Med.	S2655 ▲	35PAR30LN/CAP/NSP	NSP 9	Clear	120	5700	450	2500	CC-8	4 1/2"	Box	15	9
			S2654 ▲	35PAR30LN/CAP/WFL	WFL 50	Clear	120	450	450	2500	CC-8	4 1/2"	Box	15	9

50	PAR30-L	Med.	S2215	50PAR30L/HAL/NSP	NSP 9	Clear	120	6500	520	2500	CC-8	4 1/2"	Box	15	
			S4931 ▲	50PAR30LN/CAP/NSP	NSP 9	Clear	120	8800	660	2500	CC-8	4 1/2"	Box	15	9
			S2315	50PAR30L/HAL/NSP	NSP 9	Clear	130	6500	520	2500	CC-8	4 1/2"	Box	15	
			S4932 ▲	50PAR30LN/CAP/NSP	NSP 9	Clear	130	8800	660	2500	CC-8	4 1/2"	Box	15	9
			S2213	50PAR30L/HAL/NFL	NFL 34	Clear	120	1350	520	2500	CC-8	4 1/2"	Box	15	
			S4929 ▲	50PAR30LN/CAP/NFL	NFL 25	Clear	120	2300	660	2500	CC-8	4 1/2"	Box	15	9
			S2313	50PAR30L/HAL/NFL	NFL 34	Clear	130	1350	520	2500	CC-8	4 1/2"	Box	15	
			S4930 ▲	50PAR30LN/CAP/NFL	NFL 25	Clear	130	2300	660	2500	CC-8	4 1/2"	Box	15	9
			S4103	50PAR30L/HAL/FL/FROST	FL 38	Frost	120	1200	520	2500	CC-8	4 1/2"	Box	15	
			S4203	50PAR30L/HAL/FL/FROST	FL 38	Frost	130	1200	520	2500	CC-8	4 1/2"	Box	15	
			S2214	50PAR30L/HAL/WFL	WFL 50	Clear	120	750	520	2500	CC-8	4 1/2"	Box	15	
			S4927 ▲	50PAR30LN/CAP/WFL	WFL 50	Clear	120	900	660	2500	CC-8	4 1/2"	Box	15	9
			S2314	50PAR30L/HAL/WFL	WFL 50	Clear	130	750	520	2500	CC-8	4 1/2"	Box	15	
			S4928 ▲	50PAR30LN/CAP/WFL	WFL 50	Clear	130	900	660	2500	CC-8	4 1/2"	Box	15	9

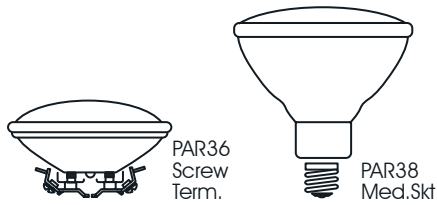


75	PAR30-L	Med.	S2218	75PAR30L/HAL/NSP	NSP 9	Clear	120	10500	900	2500	CC-8	4 1/2"	Box	15	
			S4937 ▲	75PAR30LN/CAP/NSP	NSP 9	Clear	120	15400	1130	2500	CC-8	4 1/2"	Box	15	9
			S2318	75PAR30L/HAL/NSP	NSP 9	Clear	130	10500	900	2500	CC-8	4 1/2"	Box	15	
			S4938 ▲	75PAR30LN/CAP/NSP	NSP 9	Clear	130	15400	1130	2500	CC-8	4 1/2"	Box	15	9
			S4935 ▲	75PAR30LN/CAP/NFL	NFL 25	Clear	120	4000	1130	2500	CC-8	4 1/2"	Box	15	9
			S4936 ▲	75PAR30LN/CAP/NFL	NFL 25	Clear	130	4000	1130	2500	CC-8	4 1/2"	Box	15	9
			S2216	75PAR30L/HAL/NFL	NFL 34	Clear	120	2300	900	2500	CC-8	4 1/2"	Box	15	
			S2316	75PAR30L/HAL/NFL	NFL 34	Clear	130	2300	900	2500	CC-8	4 1/2"	Box	15	
			S4104	75PAR30L/HAL/FL/FROST	FL 38	Frost	120	1600	900	2500	CC-8	4 1/2"	Box	15	
			S4204	75PAR30L/HAL/FL/FROST	FL 38	Frost	130	1600	900	2500	CC-8	4 1/2"	Box	15	
			S2217	75PAR30L/HAL/WFL	WFL 50	Clear	120	950	900	2500	CC-8	4 1/2"	Box	15	
			S4933 ▲	75PAR30LN/CAP/WFL	WFL 50	Clear	120	1100	1130	2500	CC-8	4 1/2"	Box	15	9
			S2317	75PAR30L/HAL/WFL	WFL 50	Clear	130	950	900	2500	CC-8	4 1/2"	Box	15	
			S4934 ▲	75PAR30LN/CAP/WFL	WFL 50	Clear	130	1100	1130	2500	CC-8	4 1/2"	Box	15	9



Customer Service 1-800-43-SATCO

When using a 130 Volt Lamp on a 120 Volt line, life is extended by approx. 2.5 times and lumens are reduced approx. 20%



PAR36 12 Volt

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fimnt	MOL	Pkg Type	Ctn.	Notes
36		Screw Term.	S4807 ▲	36PAR36/CAP/VNSP	SP 5	Clear	12	17000	500	4000	CC-8	2 3/4"	Box	12	
			S4808 ▲	36PAR36/CAP/NSP	SP 13	Clear	12	3500	500	4000	CC-8	2 3/4"	Box	12	
			S4809 ▲	36PAR36/CAP/WFL	FL 32	Clear	12	1000	500	4000	CC-8	2 3/4"	Box	12	

50		Screw Term.	S4806 ▲	50PAR36/CAP/NSP	SP 6	Clear	12	25000	700	4000	CC-8	2 3/4"	Box	12	
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PAR38

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fimnt	MOL	Pkg Type	Ctn.	Notes
45		Med.Skt.	S2220	45PAR38/HAL/NSP	NSP 9	Clear	120	5000	450	2500	CC-8	5 5/16"	Box	15	
			S4941 ▲	45PAR38/CAP/NSP	NSP 9	Clear	120	10000	560	2500	CC-8	5 5/16"	Box	15	9
			S2320	45PAR38/HAL/NSP	NSP 9	Clear	130	5000	450	2500	CC-8	5 5/16"	Box	15	
			S4942 ▲	45PAR38/CAP/NSP	NSP 9	Clear	130	10000	560	2500	CC-8	5 5/16"	Box	15	9
			S2219	45PAR38/HAL/FL	FL 30	Clear	120	1100	450	2500	CC-8	5 5/16"	Box	15	
			S4939 ▲	45PAR38/CAP/FL	FL 30	Clear	120	1500	560	2500	CC-8	5 5/16"	Box	15	9
			S2319	45PAR38/HAL/FL	FL 30	Clear	130	1100	450	2500	CC-8	5 5/16"	Box	15	
			S4940 ▲	45PAR38/CAP/FL	FL 30	Clear	130	1500	560	2500	CC-8	5 5/16"	Box	15	9
			S4105	45PAR38/HAL/FL/FROST	FL 38	Frost	120	1000	450	2500	CC-8	5 5/16"	Box	15	
			S4205	45PAR38/HAL/FL/FROST	FL 38	Frost	130	1000	450	2500	CC-8	5 5/16"	Box	15	
S2956 ▲	45PAR38/CAP/WFL	WFL 50	Clear	130	700	560	2500	CC-8	5 5/16"	Box	15	9			

SOFTRAY

SOFTRAY

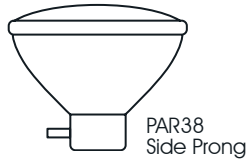
60		Med.Skt.	S4945 ▲	60PAR38/CAP/NSP	NSP 9	Clear	120	16000	850	3000	CC-8	5 5/16"	Box	15	9
			S4946 ▲	60PAR38/CAP/NSP	NSP 9	Clear	130	16000	850	3000	CC-8	5 5/16"	Box	15	9
			S4943 ▲	60PAR38/CAP/FL	FL 30	Clear	120	2500	850	3000	CC-8	5 5/16"	Box	15	9
			S4944 ▲	60PAR38/CAP/FL	FL 30	Clear	130	2500	850	3000	CC-8	5 5/16"	Box	15	9
			S4106	60PAR38/HAL/FL/FROST	FL 38	Frost	120	1400	600	2500	CC-8	5 5/16"	Box	15	
			S4206	60PAR38/HAL/FL/FROST	FL 38	Frost	130	1400	600	2500	CC-8	5 5/16"	Box	15	

SOFTRAY

SOFTRAY

halogen lamps

Halogen Lamps

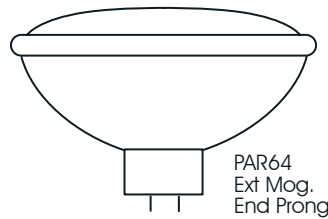
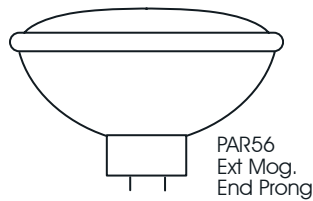


PAR38


Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Flmnt	MOL	Pkg Type	Ctn.	Notes
75		Med. Skt.	S2222	75PAR38/HAL/NSP	NSP 9	Clear	120	12000	900	2500	CC-8	5 5/16"	Box	15	
			S4966 ▲	75PAR38/CAP/NSP	NSP 9	Clear	120	19200	1060	2500	CC-8	5 5/16"	Box	15	9
			S2322	75PAR38/HAL/NSP	NSP 9	Clear	130	12000	900	2500	CC-8	5 5/16"	Box	15	
			S4967 ▲	75PAR38/CAP/NSP	NSP 9	Clear	130	19200	1060	2500	CC-8	5 5/16"	Box	15	9
			S2221	75PAR38/HAL/FL	FL 30	Clear	120	2500	900	2500	CC-8	5 5/16"	Box	15	
			S4964 ▲	75PAR38/CAP/FL	FL 30	Clear	120	3150	1060	2500	CC-8	5 5/16"	Box	15	9
			S2321	75PAR38/HAL/FL	FL 30	Clear	130	2500	900	2500	CC-8	5 5/16"	Box	15	
			S4965 ▲	75PAR38/CAP/FL	FL 30	Clear	130	3150	1060	2500	CC-8	5 5/16"	Box	15	9
			S2957 ▲	75PAR38/CAP/WFL	WFL 50	Clear	130	1300	1060	2500	CC-8	5 5/16"	Box	15	9


90		Med. Skt.	S2224	90PAR38/HAL/NSP	NSP 9	Clear	120	14000	1150	2500	CC-8	5 5/16"	Box	15	
			S4970 ▲	90PAR38/CAP/NSP	NSP 9	Clear	120	19500	1310	2500	CC-8	5 5/16"	Box	15	9
			S2324	90PAR38/HAL/NSP	NSP 9	Clear	130	14000	1150	2500	CC-8	5 5/16"	Box	15	
			S4971 ▲	90PAR38/CAP/NSP	NSP 9	Clear	130	19500	1310	2500	CC-8	5 5/16"	Box	15	9
			S4950 ▲	90PAR38/CAP/WSP	WSP 12	Clear	120	14300	1310	2500	CC-8	5 5/16"	Box	15	9
			S4951 ▲	90PAR38/CAP/WSP	WSP 12	Clear	130	14300	1310	2500	CC-8	5 5/16"	Box	15	9
			S2958 ▲	90PAR38/CAP/NFL	NFL 25	Clear	130	4700	1310	2500	CC-8	5 5/16"	Box	15	9
			S2223	90PAR38/HAL/FL	FL 30	Clear	120	3000	1150	2500	CC-8	5 5/16"	Box	15	
			S4968 ▲	90PAR38/CAP/FL	FL 30	Clear	120	3500	1310	2500	CC-8	5 5/16"	Box	15	9
			S2323	90PAR38/HAL/FL	FL 30	Clear	130	3000	1150	2500	CC-8	5 5/16"	Box	15	
			S4969 ▲	90PAR38/CAP/FL	FL 30	Clear	130	3500	1310	2500	CC-8	5 5/16"	Box	15	9
			S4107	90PAR38/HAL/FL/FROST	FL 38	Frost	120	2200	1150	2500	CC-8	5 5/16"	Box	15	
			S4207	90PAR38/HAL/FL/FROST	FL 38	Frost	130	2200	1150	2500	CC-8	5 5/16"	Box	15	
			S4667 ▲	90PAR38/CAP/WFL	WFL 50	Clear	130	1600	1310	2500	CC-8	5 5/16"	Box	15	9
			S4674 ▲	90PAR38/CAP/3WSP	WSP 12	Clear	120	14300	1310	2500	CC-8	4 5/16"	Box	15	9
			S4675 ▲	90PAR38/CAP/3FL	FL 30	Clear	120	3500	1310	2500	CC-8	4 5/16"	Box	15	9

Halogen Lamps

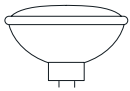


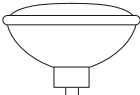
PAR38

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fmmt	MOL	Pkg Type	Ctn.	Notes
120		Med.Skt.	S2226	120PAR38/HAL/NSP	NSP 9	Clear	120	20000	1600	2500	CC-8	5 5/16"	Box	15	
			S4974 ▲	120PAR38/CAP/SP	SP 10	Clear	120	22500	1800	3000	CC-8	5 5/16"	Box	15	9
			S2326	120PAR38/HAL/NSP	NSP 9	Clear	130	20000	1600	2500	CC-8	5 5/16"	Box	15	
			S4975 ▲	120PAR38/CAP/SP	SP 10	Clear	130	22500	1800	3000	CC-8	5 5/16"	Box	15	9
			S2225	120PAR38/HAL/FL	FL 30	Clear	120	4500	1600	2500	CC-8	5 5/16"	Box	15	
			S4972 ▲	120PAR38/CAP/FL	FL 30	Clear	120	4600	1800	3000	CC-8	5 5/16"	Box	15	9
			S2325	120PAR38/HAL/FL	FL 30	Clear	130	4500	1600	2500	CC-8	5 5/16"	Box	15	
			S4973 ▲	120PAR38/CAP/FL	FL 30	Clear	130	4600	1800	3000	CC-8	5 5/16"	Box	15	9
			S2960 ▲	120PAR/CAP/WFL	WFL 50	Clear	120	2000	1800	3000	CC-8	5 5/16"	Box	15	9

250		Med.Skt.	S4948 ▲	250PAR38/CAP/SP	SP 10	Clear	120	46500	3600	4500	CC-8	5 5/16"	Box	6	
			S4947 ▲	250PAR38/CAP/FL	FL 30	Clear	120	9000	3600	4500	CC-8	5 5/16"	Box	6	

PAR56 and PAR64

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Finish	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Fmmt	MOL	Pkg Type	Ctn.	Notes
500		Mog End Pr	S4668 ▲	500PAR56Q/NSP	NSP 15	Clear	120	78500	8800	4000	CC-6	5"	Box	12	
			S4669 ▲	500PAR56Q/MFL	MFL 30	Clear	120	40000	8800	4000	CC-6	5"	Box	12	
			S4670 ▲	500PAR56Q/WFL	WFL 60	Clear	120	19500	8800	4000	CC-6	5"	Box	12	

1000		Mog End Pr	S4671 ▲	1000PAR64Q/NSP	NSP 20	Clear	120	135000	19400	4000	CC-6	6"	Box	6	
			S4672 ▲	1000PAR64Q/MFL	MFL 30	Clear	120	82000	19400	4000	CC-6	6"	Box	6	
			S4673 ▲	1000PAR64Q/WFL	WFL 60	Clear	120	23000	19400	4000	CC-6	6"	Box	6	

halogen lamps

Halogen Lamps Notes

General Halogen Notes

■ = Product by a manufacturer other than Satco

▲ = Product by one of the Primary lamp manufacturers

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

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

CD/3 = Carded or Clamshell – 3 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 BallLites.

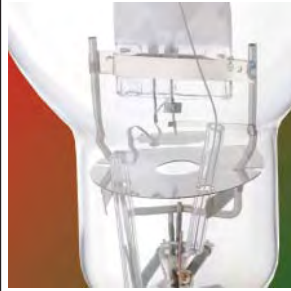
Rated Life

There is a common misconception that the "Rated Life" of a halogen lamp is a measure of how long the lamp should burn, this is not true. The rated life of a lamp is the point where 50% of the bulbs have burned out, and 50% are still burning, under laboratory conditions. For example, the S4968 (90PAR/CAP/FL) is rated at 2500 hours, this means, some will burn out at 1250 hours, some will last 3750 hours, but ½ will still be burning at 2500 hours, under laboratory conditions. Since halogen PAR lamps are notoriously susceptible to vibration related failures, their rated life may not be accurate in real life circumstances, including high vibration areas such as industrial applications.

Halogen Notes

- 1 Krypton/Xenon filled lamps provide bright white light similar to Halogen, without a UV hazard. These lamps are fully dimmable without performance loss.
- 2 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 European import fixtures.
- 3 Commercial grade product.
- 4 Suitable for use in unshielded fixtures. Consult most recent luminaire standards for your area to determine luminaire requirements.
- 5 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.
- 6 Features an aluminized reflector, creating consistent color over the life of the lamp. Heat is transmitted out the front of the lamp.
- 7 Features a hard coated dichroic reflector, creating consistent color over the life of the lamp. Heat is transmitted through the back of the reflector.
- 8 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.
- 9 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.
- 10 Primarily used in automotive and linear lighting applications.
- 11 Primarily used in automotive applications. Also used in Tizio desk lamps manufactured prior to 1993.

HID Lamps





HID Basics

HOW IT WORKS

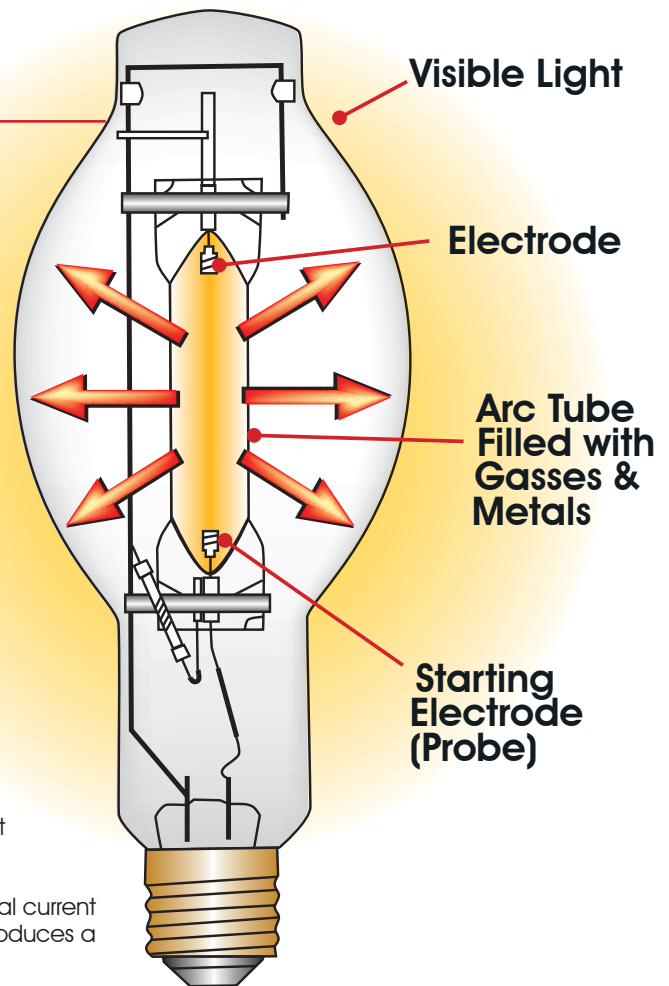
The operational concept behind HID lamps is very similar to that of fluorescent lamps. Electrodes are positioned at either end of a tube, whose chamber is filled with gas and metals such as mercury. An electrical charge passes from one electrode to the other. In fluorescent lamps, this charge creates ultraviolet (UV) light, which converts to visible light once it passes through the phosphors on the tube's interior.

In an HID lamp, the electrical arc, gasses and metals are contained in what is known as the arc tube. The arc tube is made from either quartz (used in mercury vapor and metal halide lamps) or transparent ceramic (used in high-pressure sodium lamps because of their high temperature). All arc tubes are housed within a larger outer glass envelope.

Unlike fluorescent lamps, the arc tube of HID lamps is filled with gas at a very high rate of pressure (up to 50 psi). This allows the electrical arc created by the electrodes to operate in the visible part of the spectrum, producing usable light without the addition of phosphors.

Like fluorescents, HID lamps require a ballast to control the electrical current in the arc tube. Certain HID lamps also require an ignitor, which produces a high voltage to pulse the arc tube, allowing the arc to strike.

The biggest difference in HID lamps is the fact that they need a start-up time to reach their full brightness. This usually takes five to 10 minutes, during which time the lamp will flicker until the metal inside fully vaporizes and the lamp reaches its full operating temperature.



Color Shifting

New HID lamps require a "burn in" period of approximately 100 hours before the lamp will reach its true specified color. Until this process is completed, lamps can be unstable and vary in color.

As HID lamps age, chemical changes occur that cause color shifting. The shifts vary depending on the lamp type.

FACT:

HID lamp color is rated in kelvins and is referred to as its Correlated Color Temperature (CCT).

FACT:

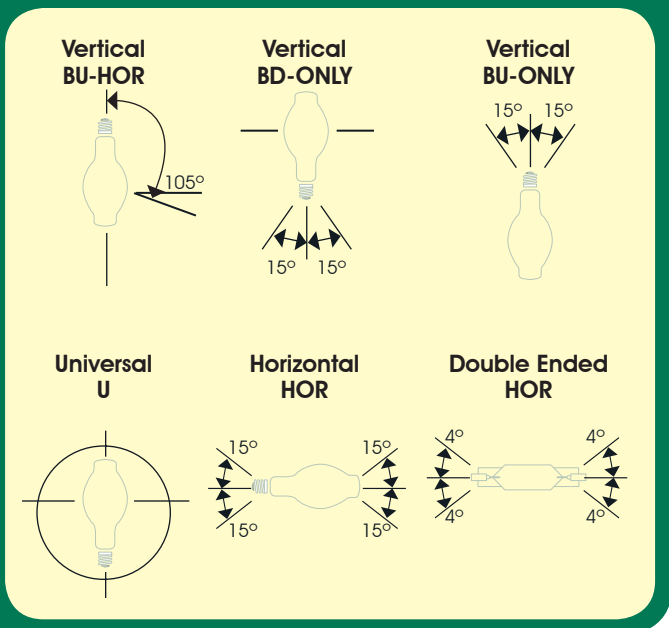
Colors are created by using different arc tube designs and changing the mixture of chemicals within the tube.

Standard probe start lamps tend to shift color about twice as much as pulse start lamps. Results vary from lamp to lamp.

It is recommended to conduct a group relamping once it is determined that a lamp or group of lamps is changing color or failing. This way, the area being illuminated will maintain an even balance of color and light.

Burning Positions

Certain HID lamps have been designed to operate in a specific position to achieve targeted life or performance goals. These examples illustrate these burning positions.



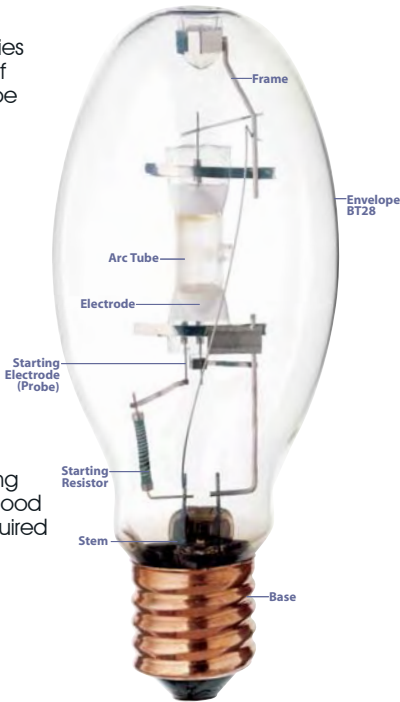
Major HID Categories

Mercury Vapor

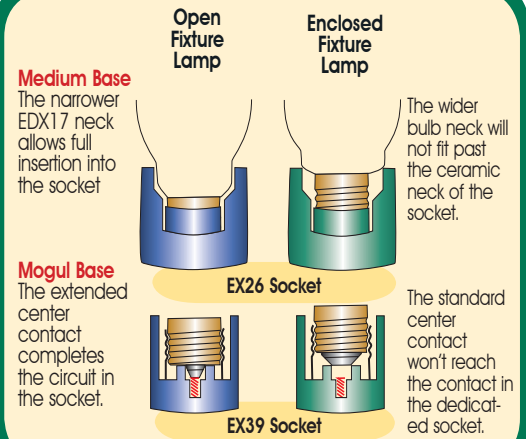
The original of the three HID categories operates by using a small amount of liquid mercury sealed in a quartz tube with argon gas. The arc created by the mercury vapor lamp produces both visible and invisible (UV) light. The visible light is blue-white in color and is best suited for outdoor lighting applications because of its poor color rendering capabilities. Some mercury vapor lamps incorporate phosphors similar to those used in fluorescent lamps to improve color to a certain degree. Mercury vapor lamps can achieve life spans of 10,000 to 24,000 hours.

Typical applications:

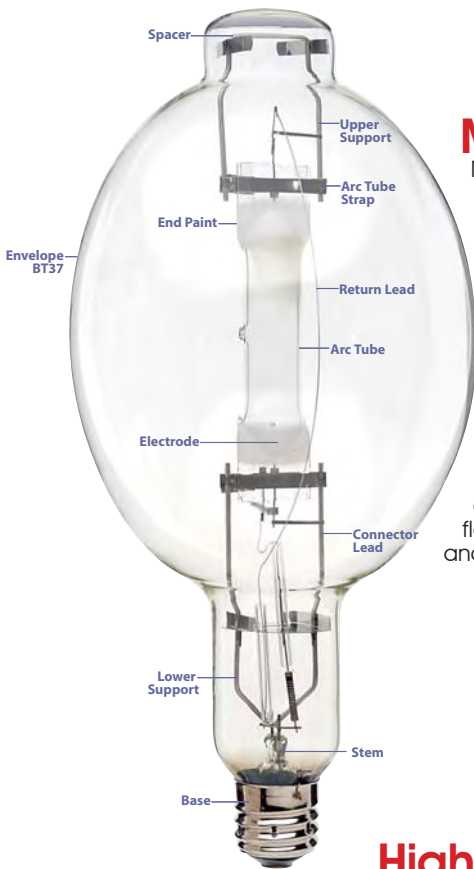
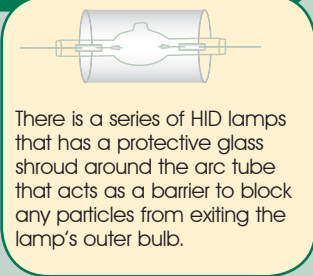
Street lighting, industrial hi-bay, parking lots, building flood lighting, general flood lighting, places where long life is required and color rendering is not critical.



Open Fixture Applications



Open fixture rated bulbs have dedicated lamp bases that will only fit and work with fixtures that have corresponding sockets.



Metal Halide

Metal halide lamps are similar to mercury vapor models except for the addition of metal halides of sodium iodide and scandium iodide. Certain metal halide lamps feature other iodides to improve the efficiency and color balance of the lamp. Metal halide represents the most popular and widely used HID category.

Typical applications:

General lighting such as commercial/industrial/outdoor flood lighting where good color and high efficiency are desired.

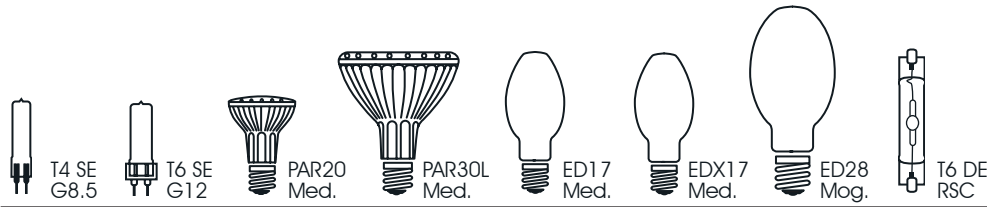


High Pressure Sodium/ Low Pressure Sodium (SOX)

This series of HID lamps incorporates solid sodium, mercury and xenon or a neon/argon gas mixture within the arc tube. This combination of metals and gasses produces an orange-white light in the high-pressure version and a yellow light in the low-pressure model. Both lamps boast a luminous efficiency that is much greater than its mercury vapor or metal halide counterparts.

Typical applications:

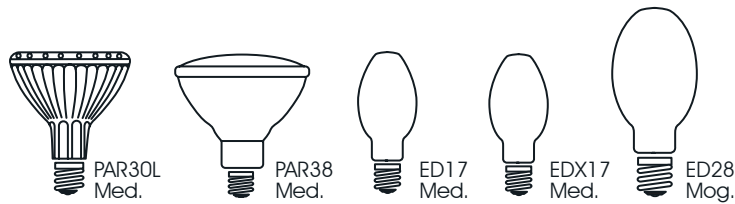
Street lighting, industrial hi-bay, parking lots, building flood lighting and general area lighting.













Metal Halide Lamps 39w - 70w

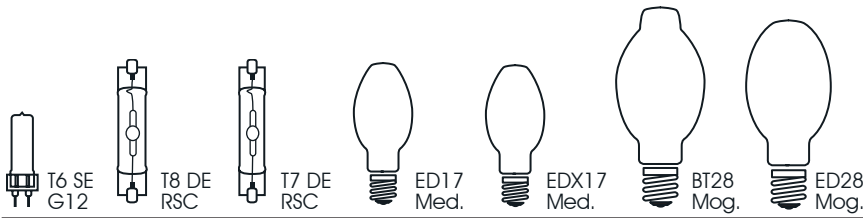
Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn
39		T4 SE G8.5	S4286 ▲	CDM35/TC/830	Clear	Y	N	M130/E	3000	81	3300	Univ.	9000	3 11/32"	12
		T6 SE G12	S4288 ▲	CDM35/T6/830	Clear	Y	N	M130/E	3000	81	3400	Univ.	12000	3 5/16"	12
		PAR20 Med	S4284 ▲	CDM35PAR20/M/SP	Clear	Y	Y	M130/O	3000	81	23000*	Univ.	9000	3 3/4"	12
			S4285 ▲	CDM35PAR20/M/FL	Clear	Y	Y	M130/O	3000	81	5000*	Univ.	9000	3 3/4"	12
		PAR30L Med	S4876 ▲	CDM35PAR30L/M/SP	Clear	Y	Y	M130/O	3000	81	44000*	Univ.	9000	4 3/4"	6
			S4877 ▲	CDM35PAR30L/M/FL	Clear	Y	Y	M130/O	3000	81	7400*	Univ.	9000	4 3/4"	6
50		ED17 Med	S4854 ■	MH50W/U/MED/PS	Clear	Y	N	M110/E	4000	65	3400	Univ.	10000	5 7/16"	12
			S4855 ■	MH50W/C/U/MED/PS	Coated	Y	N	M110/E	3700	70	3400	Univ.	10000	5 7/16"	12
		ED17 Med	S4846 ■	MP50W/U/MED/PS/3K	Clear	Y	Y	M110/O	3200	65	3400	Univ.	10000	5 7/16"	12
			S4847 ■	MP50W/C/U/MED/PS/3K	Coated	Y	Y	M110/O	3000	70	3300	Univ.	10000	5 7/16"	12
70		ED17 Med	S4856 ■	MH70/U/MED	Clear	Y	N	M98/E	4000	65	5600	Univ.	15000	5 7/16"	12
			S4857 ■	MH70/C/U/MED	Coated	Y	N	M98/E	3700	70	5300	Univ.	15000	5 7/16"	12
		EDX17 Med	S4848 ■	MP70/U/MED	Clear	Y	Y	M98/O	4000	65	5600	Univ.	15000	5 7/16"	12
			S4849 ■	MP70/C/U/MED	Coated	Y	Y	M98/O	3700	70	5300	Univ.	15000	5 7/16"	12
		ED28 Mog	S4230 ■	MH70W/U/ED28/PS	Clear	Y	N	M98/E	4000	65	5600	Univ.	15000	8 5/16"	12
		T4 SE G8.5	S4287 ▲	CDM70/TC/830	Clear	Y	N	M139/E	3000	83	6400	Univ.	6000	3 11/32"	12
		T6 SE G12	S4289 ▲	CDM70/T6/830	Clear	Y	N	M139/E	3000	81	6600	Univ.	12000	3 5/16"	12
			S4264 ▲	CDM70T6/942	Clear	Y	N	M139/E	4200	92	6600	Univ.	12000	3 5/16"	12
	T6 DE RSC	S4865 ■	MH-DE70/3K	Clear	Y	N	M85/E	3000	70	5200	HOR+-15	10000	4 9/16"	25	
		S4292 ▲	CDM70/TD/830	Clear	Y	N	M85/M139/E	3000	82	6500	HOR+-15	15000	4 11/16"	12	
		S4864 ■	MH-DE70/4K	Clear	Y	N	M85/E	4200	65	5500	HOR+-15	10000	4 9/16"	25	
		S4265 ▲	CDM70/TD/942	Clear	Y	N	M85/M139/E	4200	92	6000	HOR+-15	15000	4 11/16"	12	

HID Lamps



Metal Halide Lamps 70w - 150w

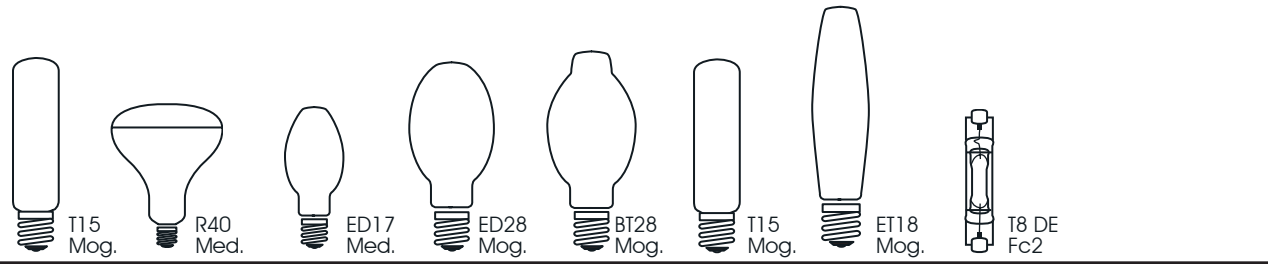
Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn	
70		PAR30L Med	\$4878 ▲	CDM70/PAR30L/M/SP	Clear	Y	Y	M143/M96/O	3000	83	68000*	Univ.	9000	4 3/4"	12	
			\$4879 ▲	CDM70/PAR30L/M/FL	Clear	Y	Y	M143/M96/O	4000	83	10000*	Univ.	9000	4 3/4"	12	
		PAR38 Med	\$4897 ▲	CDM70/PAR38/SP/3K	Clear	Y	Y	M143/M96/O	3000	82	50000*	Univ.	10000	5 5/16"	12	
			\$4812 ▲	CDM70/PAR38/SP/4K	Clear	Y	Y	M143/M96/O	4000	92	42000*	Univ.	10000	5 5/16"	12	
			\$4898 ▲	CDM70/PAR38/FL/3K	Clear	Y	Y	M143/M96/O	3000	82	18000*	Univ.	10000	5 5/16"	12	
			\$4813 ▲	CDM70/PAR38/FL/4K	Clear	Y	Y	M143/M96/O	4000	92	16000*	Univ.	10000	5 5/16"	12	
	100		ED17 Med	\$4858 ■	MH100/U/MED	Clear	Y	N	M90/E	4000	65	9000	Univ.	15000	5 7/16"	12
				\$4859 ■	MH100/C/U/MED	Coated	Y	N	M90/E	3700	70	8500	Univ.	15000	5 7/16"	12
		EDX17 Med	\$4850 ■	MP100/U/MED	Clear	Y	Y	M90/O	4000	65	8500	Univ.	15000	5 7/16"	12	
			\$4851 ■	MP100/C/U/MED	Coated	Y	Y	M90/O	3700	70	8100	Univ.	15000	5 7/16"	12	
		ED28 Mog	\$4231 ■	MH100W/ED28/PS	Clear	Y	N	M90/E	4000	65	9000	Univ.	15000	8 5/16"	12	
				PAR38 Med	\$4888 ▲	CDM100/PAR38/SP/3K	Clear	Y	Y	M140/M90/O	3000	85	70000*	Univ.	12500	5 5/16"
\$4814 ▲		CDM100/PAR38/SP/4K			Clear	Y	Y	M140/M90/O	4000	93	25000*	Univ.	10000	5 5/16"	12	
\$4889 ▲		CDM100/PAR38/FL/3K			Clear	Y	Y	M140/M90/O	3000	86	54000*	Univ.	12500	5 5/16"	12	
\$4869 ▲		CDM100/PAR38/FL/4K			Clear	Y	Y	M140/M90/O	4000	93	20000*	Univ.	10000	5 5/16"	12	
125			ED17 Med	\$4232 ■	MH125W/HBU/PS	Clear	Y	N	M150/E	4000	6	12000	BU +/- 90	15000	5 5/16"	12
150		ED17 Med	\$4860 ■	MH150/U/MED	Clear	Y	N	M102/E	4000	65	15000	Univ.	10000	5 7/16"	12	
			\$4379 ■	MH150/U/MED/EM	Clear	N	N	M107/E	4000	65	13500	Univ.	10000	5 7/16"	12	
			\$4861 ■	MH150/C/U/MED	Coated	Y	N	M102/E	3700	70	14250	Univ.	10000	5 7/16"	12	
		EDX17 Med	\$4852 ■	MP150/U/MED	Clear	Y	Y	M102/O	4000	65	14250	Univ.	10000	5 7/16"	12	
			\$4853 ■	MP150/C/U/MED	Coated	Y	Y	M102/O	3700	70	13500	Univ.	10000	5 7/16"	12	
		ED28 Mog	\$4233 ■	MH150/U/ED28/PS	Clear	Y	N	M102/E	4000	65	14000	Univ.	15000	8 5/16"	12	



Metal Halide Lamps 150w - 175w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/ CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn
150		G12	S4290 ▲	CDM150T6/830	Clear	Y	N	M142/E	3000	85	14000	Univ.	12000	4 11/32"	12
			S4266 ▲	CDM150T6/942	Clear	Y	N	M142/E	4200	96	12700	Univ.	9000	4 11/32"	12
		T8 DE RSC	S4866 ■	MH-DE150/3K	Clear	Y	N	M81/E	3000	70	12500	HOR+/-45	10000	5 7/16"	25
		T7 DE RSC	S4293 ▲	CDM150/TD/830	Clear	Y	N	M142/M81/ M102/E	3000	88	13250	HOR+/-45	15000	5 7/16"	12
		T8 DE RSC	S4867 ■	MH-DE150/4K	Clear	Y	N	M81/E	4200	65	12000	HOR+/-45	10000	5 7/16"	25
		T7 DE RSC	S4267 ▲	CDM150/TD/942	Clear	Y	N	M142/M81/ M102/E	4200	96	14200	HOR+/-45	15000	5 7/16"	12
175		Med.	S4862 ■	MH175/U/MED	Clear	N	N	M57/E	4000	65	16000	Univ.	10000	5 7/16"	12
			S4863 ■	MH175/C/U/MED	Coated	N	N	M57/E	3700	70	15250	Univ.	10000	5 7/16"	12
		EDX17 Med.	S4828 ▲	MP175/BU-ONLY/MED	Clear	N	Y	M57/O	3600	65	14400	BU +/- 15	10000	5 7/16"	20
		Med.	S4234 ■	MS175/BU/MED/PS	Clear	Y	N	M152/E	4000	65	17500	BU +/- 15	15000	5 7/16"	12
			S4235 ■	MS175/C/BU/MED/PS	Coated	Y	N	M152/E	3700	70	16600	BU +/- 15	15000	5 7/16"	12
		BT28 Mog.	S4829 ■	MH175/U	Clear	N	N	M57/E	4000	65	14000	Univ.	10000	8 5/16"	6
		Mog.	S4830 ■	MH175/C/U	Coated	N	N	M57/E	3700	70	13300	Univ.	10000	8 5/16"	12
			S4271 ■	MS175/BU	Clear	N	N	M57/E	4000	65	15000	BU +/- 15	10000	8 5/16"	12
		BT28 Mog.	S4384 ▲	MP175/BU-ONLY	Clear	N	Y	M57/O	4000	65	14400	BU +/- 15	10000	8 5/16"	6
		Mog.	S4236 ■	MS175/BU/PS	Clear	Y	N	M152/E	4000	65	17500	BU +/- 15	15000	8 5/16"	12
			S4237 ■	MS175/C/BU/PS	Coated	Y	N	M152/E	3700	70	16600	BU +/- 15	15000	8 5/16"	12
		POMB	S4272 ■	MS175/HOR	Clear	N	N	M57/E	4000	65	15000	HOR+/-45	10000	8 5/16"	12
		T15 Mog.	S4840 ■	MH175/U/T15	Clear	N	N	M57/E	4000K	65	14000	Univ.	10000	8 5/16"	12
		Med.	S4260 ■	MH175W/U/R40/SP15	Clear	N	N	M57/E	4000K	65	65000*	Univ.	10000	6 1/2"	6
S4261 ■			MH175W/U/R40/FL70	Frost	N	N	M57/E	4000K	65	6500*	Univ.	10000	6 1/2"	6	

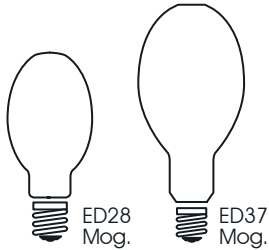
HID Lamps



Metal Halide Lamps 200w - 320w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/ CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn	
200		Med	\$4238 ■	MS200/BU/MED/PS	Clear	Y	N	M136/E	4000	65	21000	BU +/- 15	12000	5 7/16"	12	
			\$4291 ■	MS200/V/PS	Clear	Y	N	M136/E	4000	65	21000	Vert +/- 15	15000	8 5/16"	12	
		Mog	\$4251 ■	MP200/V/UVS/PS	Clear	Y	Y	M136/O	4000	65	20000	Vert +/- 15	15000	8 5/16"	12	
250		Mog	\$4831 ■	MH250/U	Clear	N	N	M58/E	4000	65	21000	Univ.	10000	8 5/16"	6	
			\$4832 ■	MH250/C/U	Coated	N	N	M58/E	3700	70	19800	Univ.	10000	8 5/16"	12	
		Mog	\$4273 ■	MS250/BU	Clear	N	N	M58/E	4000	65	23000	BU +/- 15	10000	8 5/16"	12	
			\$4274 ■	MS250/C/BU	Coated	N	N	M58/E	3700	70	22000	BU +/- 15	10000	8 5/16"	12	
			\$4386 ▲	MP250/BU-ONLY	Clear	N	Y	M58/O	4000	65	23000	BU +/- 15	10000	8 5/16"	6	
		Mog	\$4239 ■	MS250/V/PS	Clear	Y	N	M153/E	4000	65	25000	Vert +/- 15	15000	8 5/16"	12	
			\$4252 ■	MP250/BU/UVS/PS	Clear	Y	Y	M153/O	4000	65	23800	BU +/- 15	15000	8 5/16"	12	
			POMB	\$4275 ■	MS250/HOR	Clear	N	N	M58/E	4000	65	23000	HOR +/- 45	10000	8 5/16"	12
				\$4240 ■	MS250/H75/PS	Clear	Y	N	M153/E	4000	65	22000	HOR +/- 75	12000	8 5/16"	12
		Mog	\$4841 ■	MH250/U/T15	Clear	N	N	M58/E	4000	65	21000	Univ.	10000	8 5/16"	12	
POMB			\$4868 ■	MS250/HOR/T15/3K	Clear	N	N	M58/E	3200	65	23000	HOR +/- 45	10000	8 5/16"	12	
	Mog	\$4385 ▲	M250/U/ET18	Clear	N	N	M58/E	4000	65	22000	Univ.	10000	9 3/4"	10		
		T8 DE Fc2	Fc2	\$4262 ■	MH-DE250W3K/Fc2	Clear	N	N	M80/E	3000	70	20000	HOR +/- 45	10000	6 7/16"	25
\$4263 ■	MH-DE250W4K/Fc2			Clear	N	N	M80/E	4200	70	20000	HOR +/- 45	10000	6 7/16"	25		
320		Mog	\$4241 ■	MS320/V/ED28/PS	Clear	Y	N	M154/E	4000	65	33000	Vert +/- 15	20000	8 5/16"	12	
			\$4242 ■	MS320/C/V/ED28/PS	Coated	Y	N	M154/E	3700	70	31000	Vert +/- 15	20000	8 5/16"	12	
			\$4253 ■	MP320/BU/ED28/UVS/PS	Clear	Y	Y	M154/O	4000	65	31000	BU +/- 15	20000	8 5/16"	12	
			\$4254 ■	MP320/C/BU/ED28/UVS/PS	Coated	Y	Y	M154/O	3700	70	29000	BU +/- 15	20000	8 5/16"	12	
	POMB	\$4387 ■	MS320/H75/ED28/PS	Clear	Y	N	M154/E	4000	65	30000	HOR +/- 75	20000	8 5/16"	12		

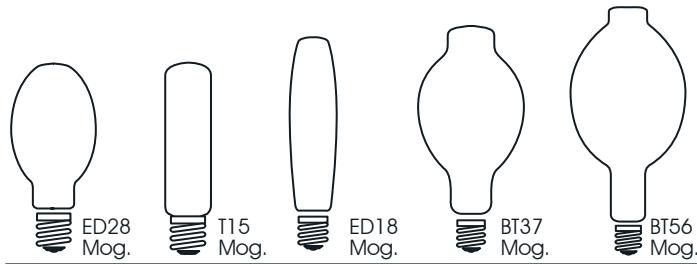
HID lamps









Metal Halide Lamps 320w - 400w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/ CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn	
320	ED37	Mog.	S4255	MP320/BU/ED37/UVS/PS	Clear	Y	Y	M154/O	4000	65	31000	BU +/- 15	20000	11 1/2"	12	
350	ED37	Mog.	S4243	MS350/V/PS	Clear	Y	N	M131/E	4000	65	35000	Vert +/- 15	20000	11 1/2"	6	
			S4244	MS350/C/V/PS	Coated	Y	N	M131/E	3700	70	35000	Vert +/- 15	20000	11 1/2"	6	
			S4256	MP350/V/UVS/PS	Clear	Y	Y	M131/O	4000	65	33000	Vert +/- 15	20000	11 1/2"	6	
			S4257	MP350/C/V/UVS/PS	Coated	Y	Y	M131/O	3700	70	33000	Vert +/- 15	20000	11 1/2"	6	
360	ED37	Mog.	S4264	MS360W/BU/EM	Clear	N	N	M165/E	4000	65	36000	BU +/- 15	20000	11 1/2"	6	
			S4265	MS360W/C/BU/EM	Coated	N	N	M165/E	3700	70	34000	BU +/- 15	20000	11 1/2"	6	
			S4266	MPI360W/BU/EM	Clear	N	Y	M165/O	4000	65	35000	BU +/- 15	20000	11 1/2"	6	
			S4267	MPI360W/C/BU/EM	Coated	N	Y	M165/O	3700	70	34000	BU +/- 15	20000	11 1/2"	6	
400	ED37	Mog.	S4833	MH400/U	Clear	N	N	M59/S	4000K	65	36000	Univ.	20000	11 1/2"	6	
			S4834	MH400/C/U	Coated	N	N	M59/E	3700K	70	34000	Univ.	20000	11 1/2"	6	
			S4276	MS400/BU	Clear	N	N	M59/E	4000K	65	40000	BU +/- 15	20000	11 1/2"	6	
			S4277	MS400/C/BU	Coated	N	N	M59/E	3700K	70	38000	BU +/- 15	20000	11 1/2"	6	
			S4245	MS400/V/PS	Clear	Y	N	M159/E	4000K	65	44000	Vert +/- 15	20000	11 1/2"	6	
			S4246	MS400/C/V/PS	Coated	Y	N	M159/E	3700K	70	42000	Vert +/- 15	20000	11 1/2"	6	
			S4388	MP400/BU-ONLY	Clear	N	Y	M59/O	3600	65	40000	BU +/- 15	20000	11 1/2"	6	
			S4258	MP400/BU/UVS/PS	Clear	Y	Y	M159/O	4000K	65	42000	BU +/- 15	20000	11 1/2"	6	
			S4259	MP400/C/BU/UVS/PS	Coated	Y	Y	M159/O	3700K	70	40000	BU +/- 15	20000	11 1/2"	6	
			POMB	S4279	MS400/HOR	Clear	N	N	M59/E	4000K	65	40000	HOR +/- 45	20000	11 1/2"	6
				S4280	MS400/C/HOR	Coated	N	N	M59/E	3700K	70	38000	HOR +/- 45	20000	11 1/2"	6
				S4249	MS400/H75/PS	Clear	Y	N	M159/E	4000K	65	40000	HOR +/- 75	20000	11 1/2"	6
			ED28	Mog.	S4843	MH400/U/ED28	Clear	N	N	M59/E	4000K	70	36000	Univ.	20000	8 5/16"
S4844	MH400/C/U/ED28	Coated			N	N	M59/E	3700K	65	33900	Univ.	20000	8 5/16"	12		
S4278	MS400/BU/ED28	Clear			N	N	M59/E	4000K	65	40000	BU +/- 15	20000	8 5/16"	12		
S4247	MS400/V/ED28/PS	Clear			Y	N	M159/E	4000K	65	44000	Vert +/- 15	20000	8 5/16"	12		
S4248	MS400/C/V/ED28/PS	Coated			Y	N	M159/E	3700K	70	42000	Vert +/- 15	20000	8 5/16"	12		
POMB	S4281	MS400/HOR/ED28			Clear	N	N	M59/E	4000K	65	40000	HOR +/- 45	20000	8 5/16"	12	
	S4250	MS400/H75/ED28/PS			Clear	Y	N	M159/E	4000K	65	40000	HOR +/- 75	20000	8 5/16"	12	



HID Lamps

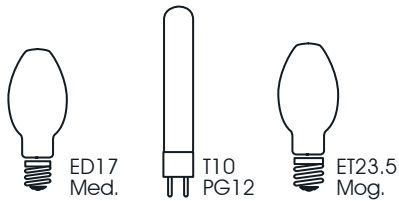


Metal Halide Lamps 400w - 1500w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/ CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn
400	T15 	Mog	\$4842 ■	MH400/U/T15	Clear	N	N	M59/E	4000K	65	36000	Univ.	15000	9 3/4"	12
		POMB	\$4282 ■	MS400/HOR/T15/3K	Clear	N	N	M59/E	3200	65	38000	HOR +/- 45	15000	9 3/4"	12
	ET18 	Mog	\$4389 ▲	M400/U/ET18	Clear	N	N	M59/E	4000	65	36000	Univ.	20000	9 3/4"	10
750	BT37 	Mog	\$4390 ▲	MS750/PS/BU-HOR/BT37	Clear	Y	N	M149/E	4000	65	80000	BU +/- 90	16000	11 1/2"	6
1000	BT56 	Mog	\$4835 ■	MH1000/U	Clear	N	N	M47/S	4000	65	110000	Univ.	18000	15 3/8"	6
			\$4836 ■	MH1000/C/U	Coated	N	N	M47/E	3700	70	105000	Univ.	12000	15 3/8"	6
			\$4283 ■	MS1000/BU	Clear	N	N	M47/E	4000	65	115000	BU +/- 15	12000	15 3/8"	6
	BT37 	Mog	\$4845 ■	MH1000/U/BT37	Clear	N	N	M47/E	4000	70	110000	Univ.	12000	11 1/2"	6
			\$4391 ■	MS1000/BU/BT37/PS	Clear	Y	N	M141/E	4000	65	115000	BU +/- 15	12000	11 1/2"	6
1500	BT56 	Mog	\$4837 ■	MH1500/HBU	Clear	N	N	M48/E	3400	65	161000	BU+-105	3000	15 3/8"	6
			\$4839 ■	MH1500/U/XL	Clear	N	N	M48/E	4000	65	170000	Univ.	6000	15 3/8"	6

Retrofit MH Lamps For High Pressure Sodium (HPS) Fixtures

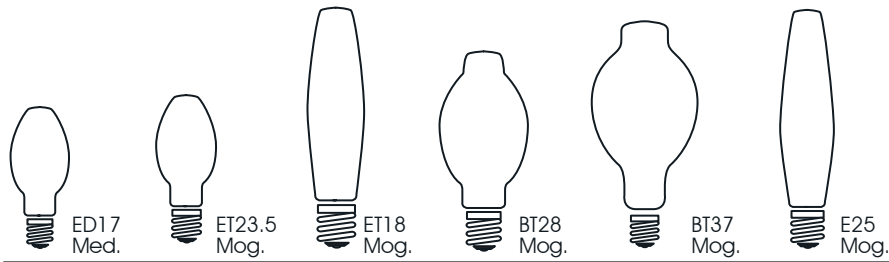
Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	Pulse Start	Open Rated	ANSI Code	Kelvin Temp	CRI	Initial Lumens/ CBCP*	Buring Position	Avg. Rated Hours	MOL	Ctn
250	ED28 	Mog	\$4268 ■	MS250W/BU/LU Retrofit for LU250	Clear	N	N	S50/E	4000	65	18500	BU +/- 15	10000	8 5/16"	12
400	ED37 	Mog	\$4269 ■	MS400W/BU/LU Retrofit for LU400	Clear	N	N	S51/E	4000	65	38000	BU +/- 15	20000	11 1/2"	6
			\$4270 ■	MS400W/C/BU/LU Retrofit for LU400/D	Coated	N	N	S51/E	4000	65	36000	BU +/- 15	20000	11 1/2"	6











HPS High Pressure Sodium Lamps 35w – 100w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	ANSI Code	Kelvin Temp	CRI	Initial Lumens	Avg. Rated Hours	MOL	Carton
35		Med	S3130	LU35/MED	Clear	S76	2100	22	2250	16000	5 7/16"	12
			S5120 ▲	LU35/D/MED	Coated	S76	2100	22	2100	16000	5 7/16"	20
50		Med	S3131	LU50/MED	Clear	S68	2100	22	4000	24000	5 7/16"	12
			S5121 ▲	LU50/D/MED	Coated	S68	2100	22	3700	24000	5 7/16"	20
			S4373 ▲	SDW-50W/LV/D	Coated	S104	2700	85	2350	10000	5 7/16"	12
		PG12	S4374 ▲	SDW-T/50W/LV	Clear	S104AF	2700	85	2500	10000	5 7/8"	12
				Mog	S1929	LU50	Clear	S68	2100	22	4000	24000
S5122 ▲	LU50/D	Coated			S68	2100	22	3700	24000	7 3/4"	20	
70		Med	S3127	LU70/MED	Clear	S62	2100	22	6300	24000	5 7/16"	12
			S5123 ▲	LU70/D/MED	Coated	S62	2100	22	5800	24000	5 7/16"	20
		Mog	S1930	LU70	Clear	S62	2100	22	6300	24000	7 3/4"	12
			S5124 ▲	LU70/D	Coated	S62	2100	22	5500	24000	7 3/4"	20
100		Med	S3128	LU100/MED	Clear	S54	2100	22	9500	24000	5 7/16"	12
			S5125 ▲	LU100/D/MED	Coated	S54	2100	22	8800	24000	5 7/16"	20
			S4375 ▲	SDW-100W/LV/D	Coated	S105	2700	85	4900	10000	5 7/16"	12
		PG12	S4376 ▲	SDW-T/100W/LV	Clear	S105NZ	2700	85	5200	10000	5 7/8"	12
				Mog	S1931	LU100	Clear	S54	2100	22	9500	24000
	S5124 ▲	LU100/D			Coated	S54	2100	22	8800	24000	7 3/4"	20

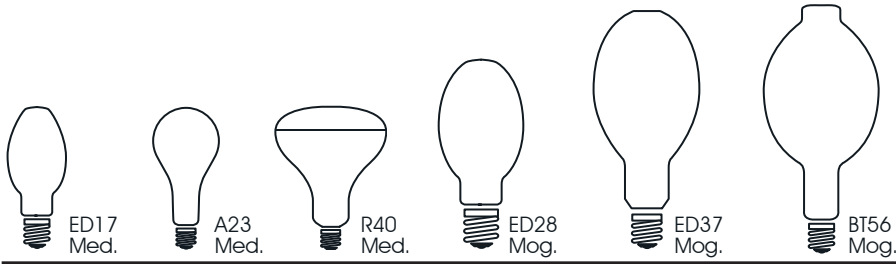
HID Lamps



HPS High Pressure Sodium Lamps 150w – 1000w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	ANSI Code	Kelvin Temp	CRI	Initial Lumens	Avg. Rated Hours	MOL	Carton
150		Med	S3129	LU150/55/MED	Clear	S55	2100	22	16000	24000	5 7/16"	12
			S5127 ▲	LU150/55/D/MED	Coated	S55	2100	22	14500	24000	5 11/16"	20
		Mog	S1932	LU150/55	Clear	S55	2100	22	16000	24000	7 3/4"	12
			S5128 ▲	LU150/55/D	Coated	S55	2100	22	14000	24000	7 3/4"	20
200		Mog	S5129 ▲	LU200/ECO	Clear	S66	2100	22	22000	24000	9 5/8"	20
250		Mog	S1940	LU250	Clear	S50	2100	22	28000	24000	9 5/8"	12
			BT28	Mog.	S5130 ▲	LU250/D	Coated	S50	2100	22	26000	24000
310		Mog	S5131 ▲	LU310/ECO	Clear	S67	2100	22	37000	24000	9 5/8"	20
400		Mog	S1941	LU400	Clear	S51	2100	22	51000	24000	9 5/8"	12
			BT37	Mog.	S5132 ▲	LU400/D	Coated	S51	2100	22	47500	24000
750		Mog	S5133 ▲	LU750	Clear	S111	2100	22	105000	24000	11 1/2"	6
1000		Mog	S5124 ▲	LU1000	Clear	S52	2100	22	130000	24000	15 1/16"	6

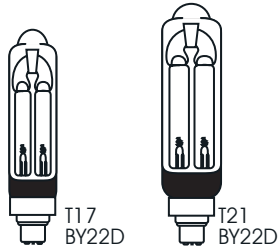
Don't see the lamp you need? Call Customer Service 1-800-43-SATCO









Mercury Vapor Lamps 50w – 1000w

Nominal Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	ANSI Code	Kelvin Temp	CRI	Initial Lumens	Avg. Rated Hours	MOL	Carton
50		Med	S4294 ■	H46DL-40/50DX	Coated	H45/46	3900	50	1580	6000	5 1/8"	12
75		Med	S4298 ■	H43AV-75DX	Coated	H43	3900	50	2700	6000	5 7/16"	12
100		Med	S1933 ■	H38MP-100DX	Coated	H38	3900	50	4000	6000	5 7/16"	12
		Med	S4377 ■	H38AV-100DX	Coated	H38	3900	50	4000	6000	5 7/16"	20
		Mog	S1935 ■	H38JA-100DX	Coated	H38	3900	50	4000	10000	7 1/2"	12
		Med	S4378 ■	H38BP-100DX	Coated	H38	3900	50	2450	10000	7 1/2"	12
175		Mog	S1934 ■	H39KC-175DX	Coated	H39	3900	50	7800	10000	8 1/4"	12
			S1936 ■	H39KB-175	Clear	H39	4500	20	7800	10000	8 1/4"	12
		Med	S4394 ■	H39BP-175DX	Coated	H39	3900	50	5700	10000	7 1/2"	12
250		Mog	S1937 ■	H37KC-250DX	Coated	H37	3900	50	11200	10000	8 1/4"	12
			S4395 ■	H37KB-250	Clear	H37	4500	20	11200	10000	8 5/16"	12
400		Mog	S1938 ■	H33GL-400DX	Coated	H33	3900	50	22600	10000	11 5/16"	12
1000		Mog	S4396 ■	H36GW-1000DX	Coated	H36	3900	50	58000	10000	15 3/8"	6

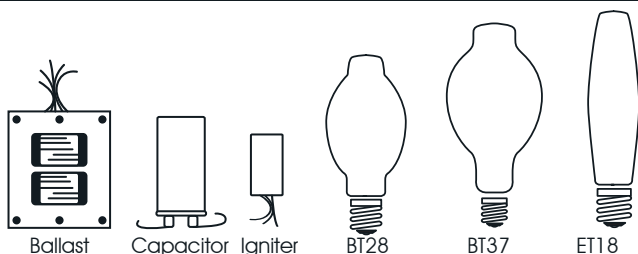
HID Lamps



SOX Low Pressure Sodium Lamps

Watts	Bulb	Base	Satco Product Number	Lamp Code	Finish	ANSI Code	Kelvin Temp	CRI	Initial Lumens	Burning Position	Avg. Rated Hours	MOL	Carton
18		BY22D	S4870 ▲	SOX18	Clear	L69	1800	n/a	1800	BU +/- 110	16000	8 1/2"	12
35		BY22D	S4871 ▲	SOX35	Clear	L70	1800	n/a	4500	BU +/- 110	16000	12 1/4"	12
55		BY22D	S4872 ▲	SOX55	Clear	L71	1800	n/a	7300	BU +/- 110	16000	16 3/4"	12
90		BY22D	S4873 ▲	SOX90	Clear	L72	1800	n/a	13500	HOR +/- 20	16000	20 13/16"	12
135		BY22D	S4874 ▲	SOX135	Clear	L73	1800	n/a	22000	HOR +/- 20	16000	30 1/2"	12
180		BY22D	S4875 ▲	SOX180	Clear	L74RF	1800	n/a	30000	HOR +/- 20	16000	44 3/32"	12

HID Super5 Ballast Kits



Metal Halide Ballast Kits With Lamp

Watts	Satco Code	Description	Ballast Ansi Code	Lamp Included	Lamp Ansi Code	Pack
175	S4397 ▲	M175U/Lamp/Super5/BallastKit	M57 - H39	M175/U BT28	M57/E	1
250	S4398 ▲	M250U/Lamp/Super5/BallastKit	M58 - H37	M250/U BT28	M58/E	1
400	S4399 ▲	M400U/Lamp/Super5/BallastKit	M59 - H33	M400/U BT37	M59/S	1



MH Ballast Kits Include: 5 Tap Ballast (120/208/240/277/480)
Plus: Mogul Base Clear Lamp / Capacitor / Mounting Brackets

High Pressure Sodium (HPS) Ballast Kits With Lamp

Watts	Satco Code	Description	Ballast Ansi Code	Lamp Included	Lamp Ansi Code	Pack
250	S4314 ▲	LU250/ECO/Lamp/Super5/BallastKit	S50	LU250/ECO	S50	1
400	S4315 ▲	LU400/ECO/Lamp/Super5/BallastKit	S51	LU400/ECO	S51	1

HPS Ballast Kits Include: 5 Tap Ballast (120/208/240/277/480)
Plus: Mogul Base Clear Lamp / Capacitor / Igniter / Mounting Brackets

HID Notes

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

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).



Safety Warnings

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).

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.

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."

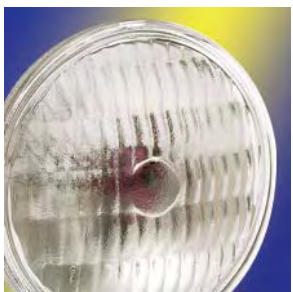
Therefore, to meet the 2005 NEC requirements, luminaires that use metal halide lamps must either:

- 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

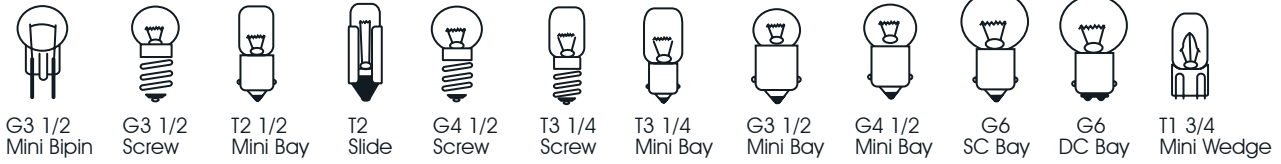
The NEC change regarding open luminaires is the new section 410.4(E) that states, "Luminaires (fixtures) subject to physical damage, using a mercury vapor or metal halide lamp, installed in playing and spectator seating areas of indoor sports, mixed-use, or all-purpose facilities shall be of the type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

Miniatures & Sealed Beams





Miniatures & Sealed Beams

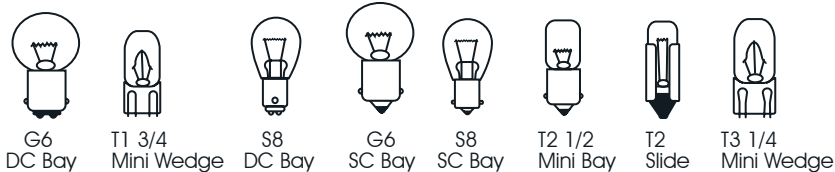


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	S6929	10	G3 1/2	Mini Bipin	2.5	0.5	0.5	1.25	C-6	0.94	0.43	3000	SL/10	10	
	S6930	12	G3 1/2	Mini Bipin	6.3	0.15	0.35	0.95	C-6	0.94	0.43	5000	SL/10	10	
	S6931	14	G3 1/2	Mini Screw	2.47	0.3	0.5	0.074	C-2R	0.94	0.43	15	SL/10	10	
	S6932	19	G3 1/2	Mini Bipin	14.4	0.1	0.9	1.44	C-6	0.94	0.43	1000	SL/10	10	
	E24MB	24MB	T2 1/2	Mini Bay	24	0.073	0.5	1.68	C-2F	1.19	0.33	10000	SL/10	10	
	S6904	24PSB5	T2	Slide	24	0.073	3000EFC	1.75	C-2F	1.11	0.27	10000	SL/10	10	
	E/27	27	G4 1/2	Mini Screw	4.9	0.3	1.4	1.47	C-2R	1.07	0.59	30	SL/10	10	
	E28MB	28MB	T2 1/2	Mini Bay	28	0.04	0.29	1.4	C-2F	1.19	0.33	5000	SL/10	10	
	E/31	31	G4 1/2	Mini Screw	6.15	0.3	2	1.85	C-2R	1.07	0.59	15	SL/10	10	
	S6908	40	T3 1/4	Mini Screw	6.3	0.15	0.52	0.95	C-2R	1.19	0.43	3000	SL/10	10	
	S6909	41	T3 1/4	Mini Screw	2.5	0.5	0.5	1.25	C-2R	1.19	0.43	3000	SL/10	10	
	S6910	44	T3 1/4	Mini Bay	6.3	0.25	0.9	1.58	C-2R	1.19	0.43	3000	SL/10	10	
	S6911	46	T3 1/4	Mini Screw	6.3	0.25	0.9	1.58	C-2R	1.19	0.43	3000	SL/10	10	
	S6912	47	T3 1/4	Mini Bay	6.3	0.15	0.5	0.95	C-2R	1.19	0.43	3000	SL/10	10	
	S6913	48	T3 1/4	Mini Screw	2	0.06	0.04	0.12	C-6	1.19	0.43	1000	SL/10	10	
	S6933	51	G3 1/2	Mini Bay	7.5	0.22	1	1.65	C-2R	1.19	0.43	1000	SL/10	10	
	S6934	53	G3 1/2	Mini Bay	14.4	0.12	1	1.73	C-2V	0.94	0.43	1000	SL/10	10	
	E/55	55	G4 1/2	Mini Bay	7	0.41	2	2.87	C-2R	1.07	0.59	200	SL/10	10	
	S6935	57	G4 1/2	Mini Bay	14	0.24	2	3.36	C-2V	1.07	0.59	500	SL/10	10	
	S6946	63	G6	SC Bay	7	0.63	3	4.41	C-6	1.44	0.75	1000	SL/10	10	
	E/64	64	G6	DC Bay	7	0.63	3	4.41	C-6	1.44	0.75	1000	SL/10	10	
	S6947	67	G6	SC Bay	13.5	0.59	4	7.97	C-6	1.44	0.75	5000	SL/10	10	
	E/68	68	G6	DC Bay	13.5	0.59	4	7.97	C-6	1.44	0.75	5000	SL/10	10	
	S6900	73	T1 3/4	Sub Mini Wedge	14	0.8	0.3	1.12	C-2F	0.8	0.23	15000	SL/10	10	

miniatures & sealed beams

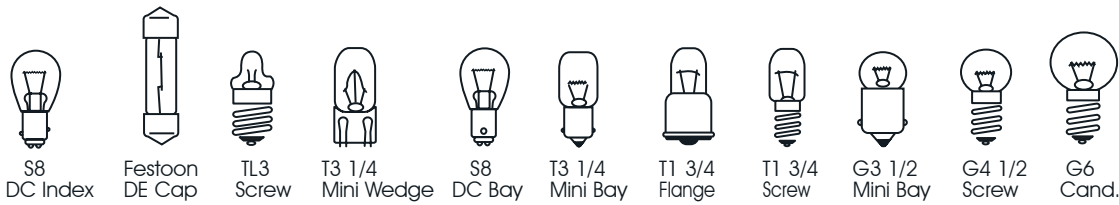
Miniatures & Sealed Beams

miniatures & sealed beams



	Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
	E/82	82	G6	DC Bay	6.5	1.02	6	6.63	C-6	1.44	0.75	500	SL/10	10	
	S6901	85	T1 3/4	Sub Mini Wedge	28	0.04	0.3	1.12	C-2F	0.8	0.23	7000	SL/10	10	
	S6902	86	T1 3/4	Sub Mini Wedge	6.3	0.2	0.4	1.26	C-2F	0.8	0.23	20000	SL/10	10	
	S6953	88	S8	DC Bay	6.8	1.91	15	12.99	C-6	2	1.04	300	SL/10	10	
	S6948	89	G6	SC Bay	13	0.58	6	7.54	C-6	1.44	0.75	750	SL/10	10	
	S6949	90	G6	DC Bay	13	0.58	6	7.54	C-6	1.44	0.75	750	SL/10	10	
	S6954	93	S8	SC Bay	12.8	1.04	15	13.31	C-6	1.44	0.75	700	SL/10	10	
	S3623		S8	SC Bay	12.8	1.04	15	13.31	C-6	1.44	0.75	700	Box	10	
	S3723		S8	SC Bay	12.8	1.04	15	13.31	C-6	1.44	0.75	700	CD/2	20	
	E/94	94	S8	DC Bay	12.8	1.04	15	13.31	C-6	1.44	0.75	700	SL/10	10	
	S6950	97	G6	SC Bay	13.5	0.69	4	9.32	C-6	1.44	0.75	5000	SL/10	10	
	S6905	120MB	T2 1/2	Mini Bay	120	0.025	0.36	3	C-2F	1.19	0.33	10000	SL/10	10	
	E120PSB5	120PSB5	T2	Slide	120	0.025	1200EFC	3	C-2F	1.11	0.27	10000	SL/10	10	
	E124-BP	124	T3 1/4	Mini Wedge	14	0.27	1.5	3.78	C-2F	1.06	0.4	5000	CD/2	12	
	E130MB	130MB	T2 1/2	Mini Bay	130	0.025	n/a	0.33	CC-7A	1.19	0.33	10000	SL/10	10	
	E147	147	T3 1/4	Mini Wedge	7	0.43	2	3.01	C-2R	1.06	0.4	1500	SL/10	10	
	E158	158	T3 1/4	Mini Wedge	14	0.24	2	3.36	C-2V	1.06	0.4	500	SL/10	10	
	E159	159	T3 1/4	Mini Wedge	6.3	0.15	0.34	9.45	C-2R	1.06	0.4	5000	SL/10	10	
	S6914	161	T3 1/4	Mini Wedge	14	0.19	1	2.66	C-2F	1.06	0.4	4000	SL/10	10	
	S6915	168	T3 1/4	Mini Wedge	14	0.35	3	4.9	C-2F	1.06	0.4	1500	SL/10	10	
	E192	192	T3 1/4	Mini Wedge	13	0.33	3	4.29	C-2V	1.06	0.4	1000	SL/10	10	
	E193	193	T3 1/4	Mini Wedge	14	0.33	2	4.62	C-2F	1.06	0.4	15000	SL/10	10	
	S6916	194	T3 1/4	Mini Wedge	14	0.27	2	3.78	C-2F	1.06	0.4	2500	SL/10	10	

Miniatures & Sealed Beams



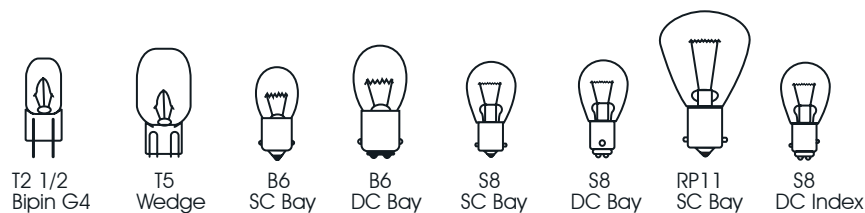
	Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
	E198	198	S8	DC Index	12.8	2.25	32	28.8	C-6	2	1.04	1200	SL/10	10	
	S6906	211-2	festoon	DE Cap	12.8	0.97	12	12.42	C-8	1.72	0.42	1000	SL/10	10	
	S6907	222	TL-3	Mini Screw	2.25	0.25	n/a	0.56	C-2R	0.93	0.38	5	SL/10	10	2 "AA" Cells
	E259	259	T3 1/4	Mini Wedge	6.3	0.25	0.66	1.58	C-2R	1.06	0.4	5000	SL/10	10	
	E306	306	S8	DC Bay	28	0.51	15	14.28	C-6	2	1.04	300	SL/10	10	
	S6917	313	T3 1/4	Mini Bay	28	0.17	3.5	4.76	C-2F	1.19	0.43	500	SL/10	10	
	S6903	327	T1 3/4	Midg Flange	28	0.04	0.34	1.12	C-2F	0.63	0.23	4000	SL/10	10	
	E328	328	T1 3/4	Midg Flange	6	0.2	0.6	1.2	C-2R	0.63	0.23	1000	SL/10	10	
	E335	335	T1 3/4	Midg Screw	28	0.04	0.34	1.12	C-2F	0.72	0.23	4000	SL/10	10	
	E356	356	G3 1/2	Mini Bay	28	0.17	3.5	4.76	C-2V	0.94	0.43	500	SL/10	10	
	E387	387	T1 3/4	Midg Flange	28	0.04	0.3	1.12	C-2F	0.63	0.23	10000	SL/10	10	
	E394	394	T1 3/4	Midg Flange	12	0.04	0.12	0.48	C-2F	0.63	0.23	20000	SL/10	10	
	S6936	425	G4 1/2	Mini Screw	5	0.5	2.3	2.5	C-2R	1.07	0.59	15	SL/10	10	
	E428	428	G4 1/2	Mini Screw	12.5	0.25	2.04	3.13	C-2V	1.07	0.59	250	SL/10	10	
	S6937	502	G4 1/2	Mini Screw	5.1	0.15	0.6	0.77	C-2R	1.07	0.59	100	SL/10	10	
	E509K	509K	G6	Candl Screw	24	0.18	2.8	4.32	C-2F	1.38	0.75	1000	SL/10	10	
	E605	605	G4 1/2	Mini Screw	6.15	0.5	3.4	3.08	C-2R	1.07	0.59	15	SL/10	10	
	E656	656	T3 1/4	Mini Wedge	28	0.06	0.62	1.68	C-2F	1.06	0.4	2500	SL/10	10	
	S6918	755	T3 1/4	Mini Bay	6.3	0.15	0.33	0.95	C-2R	1.19	0.43	20000	SL/10	10	
	S6919	756	T3 1/4	Mini Bay	14	0.08	0.31	1.12	C-2F	1.19	0.43	15000	SL/10	10	
	S6920	757	T3 1/4	Mini Bay	28	0.08	0.62	2.24	C-2F	1.19	0.4	15000	SL/10	10	

miniatures & sealed beams

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SL/10 = Sleeve of 10, orders must be placed in multiples of 10

Miniatures & Sealed Beams



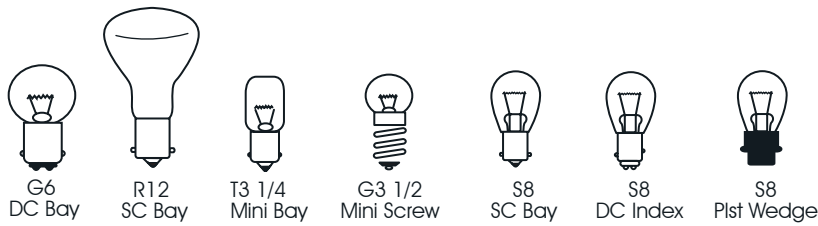
	Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
	E891	891	T2 1/2	Bipin G4	12.8	8	11.5	100	C-6	1.2	0.32	500	SL/10	10	Hal
	S6938	901	T5	Mini Wedge	12.8	0.31	2.9	3.97	C-2R	1.49	0.62	500	SL/10	10	
	S6939	904	T5	Mini Wedge	13.5	0.69	4	9.32	C-2F	1.49	0.62	5000	SL/10	10	
	S6940	906	T5	Mini Wedge	13	0.69	6	8.97	C-2F	1.49	0.62	1000	SL/10	10	
	S6941	908	T5	Mini Wedge	6	1.5	12	9	C-2R	1.49	0.62	50	SL/10	10	
	S6942	909	T5	Mini Wedge	6	0.62	3	3.72	C-2R	1.49	0.62	50	SL/10	10	
	S6943	912	T5	Mini Wedge	12.8	1	12	12.8	C-2R	1.49	0.62	1000	SL/10	10	
	E914	914	T5	Mini Wedge	4	0.9	3.5	3.6	C-2R	1.49	0.62	50	SL/10	10	
	E915	915	T5	Mini Wedge	12	0.75	11	9	C-2R	1.49	0.62	50	SL/10	10	
	E916	916	T5	Mini Wedge	13.5	0.54	2	7.29	C-2F	1.49	0.62	10000	SL/10	10	
	E917	917	T5	Mini Wedge	12.8	1.2	10	15.36	C-2F	1.49	0.62	1200	SL/10	10	
	S6944	918	T5	Mini Wedge	12.8	0.56	6.5	7.17	C-2R	1.49	0.62	500	SL/10	10	
	S6945	921	T5	Mini Wedge	12.8	1.4	21	17.92	C-2R	1.49	0.62	1000	SL/10	10	
	E922	922	T5	Mini Wedge	12.8	0.98	15	12.54	C-2R	1.49	0.62	200	SL/10	10	
		S6951	1003	B6	SC Bay	12.8	0.94	15	12.03	C-6	1.75	0.79	200	SL/10	10
S6952		1004	B6	DC Bay	12.8	0.94	15	12.03	C-6	1.75	0.79	200	SL/10	10	
	S6955	1073	S8	SC Bay	12.8	1.8	32	23.04	C-6	2	1.04	200	SL/10	10	
	E1076	1076	S8	DC Bay	12.8	1.8	32	23.04	C-6	2	1.04	200	SL/10	10	
	E1129	1129	S8	SC Bay	6.4	2.63	21	16.83	C-6	2	1.04	200	SL/10	10	
	S6967	1133	RP11	SC Bay	6.2	3.91	32	24.24	C-6	2.25	1.42	200	SL/10	10	
	S3624	1133	RP11	SC Bay	6.2	3.91	32	24.24	C-6	2.25	1.42	200	Box	10	
	S3724	1133	RP11	SC Bay	6.2	3.91	32	24.24	C-6	2.25	1.42	200	CD/2	20 (2PK)	
	S6966	1141	S8	SC Bay	12.8	1.6	21	18.43	C-6	2	1.04	1500	SL/10	10	
	E1142	1142	S8	DC Bay	12.8	1.6	21	18.43	C-6	2	1.04	1500	SL/10	10	
	S6956	1154	S8	DC Index	6.4	2.63	21	16.83	C-6	2	1.04	200	SL/10	10	
	S6895	1156	S8	SC Bay	12.8	2.1	32	26.88	C-6	2	1.04	1200	SL/10	10	
	S6896	1156NA	S8	SC Bay	12.8	2.1	24	26.88	C-6	2	1.04	1200	SL/10	10	Amber
	S6957	1157	S8	DC Bay	12.8	2.1	32	26.88	C-6	2	1.04	1200	SL/10	10	
	S6958	1157NA	S8	DC Bay	12.8	2.1	24	26.88	C-6	2	1.04	1200	SL/10	10	Amber

miniatures & sealed beams

Don't see the lamp you need? Call Customer Service 1-800-43-SATCO

SL/10 = Sleeve of 10, orders must be placed in multiples of 10

Miniatures & Sealed Beams



	Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
	E1252	1252	G6	DC Bay	28	0.23	3	6.44	C-6	1.44	0.75	2000	SL/10	10	Series Fil.
	S1383	1383	R12	SC Bay	13	1.5	n/a	20	C-6	2.63	1.55	300	Box	10	
	S1383/TF	1383-TF SHATTER PROOF	R12	SC Bay	13	1.5	n/a	20	C-6	2.63	1.55	300	Box	10	Teflon Dipped
	E1408	1408	T3 1/4	Mini Bay	10	0.13	0.85	1.3	C-2V	1.19	0.43	250	SL/10	10	
	E1449	1449	G3 1/2	Mini Screw	14	0.2	2	2.8	C-2V	0.94	0.43	250	SL/10	10	
	E1651	1651	S8	SC Bay	5	0.6	3	3	C-6	2	1.04	20	SL/10	10	
	E1813	1813	T3 1/4	Mini Bay	14.4	0.1	0.86	1.44	C-2V	1.19	0.4	1000	SL/10	10	
	E1815	1815	T3 1/4	Mini Bay	14	0.2	1.4	2.8	C-2V	1.19	0.4	3000	SL/10	10	
	E1816	1816	T3 1/4	Mini Bay	13	0.33	3	4.29	C-2V	1.19	0.4	1000	SL/10	10	
	E1820	1820	T3 1/4	Mini Bay	28	0.1	1.6	2.8	C-2F	1.19	0.4	1000	SL/10	10	
	E1829	1829	T3 1/4	Mini Bay	28	0.07	1	1.96	C-2F	1.19	0.4	1000	SL/10	10	
	E1847	1847	T3 1/4	Mini Bay	6.3	0.15	0.38	0.95	C-2R	1.19	0.4	5000	SL/10	10	
	E1864	1864	T3 1/4	Mini Bay	28	0.17	3	4.76	C-2F	1.19	0.4	1500	SL/10	10	
	E1892	1892	T3 1/4	Mini Bay	14.4	0.12	0.75	1.73	C-2F	1.19	0.4	1000	SL/10	10	
	E1893	1893	T3 1/4	Mini Bay	14	0.33	2	4.62	C-2V	1.19	0.4	1000	SL/10	10	
	S6959	2057	S8	DC Index	12.8	2.1	32	26.88	C-6	2	1.04	1200	SL/10	10	
	S6960	2057NA	S8	DC Index	12.8	2.1	24	26.88	C-6	2	1.04	1200	SL/10	10	Amber
	S6961	2357	S8	DC Index	12.8	2.23	40	28.54	C-6	2	1.04	400	SL/10	10	
	S6962	2357NA	S8	DC Index	12.8	2.23	30	28.54	C-6	2	1.04	400	SL/10	10	Amber
	E3057	3057	S8	Plst Wedge	12.8	2.1	32	26.88	C-6	2.09	1.04	1200	SL/10	10	
	S6963	3155	S8	Plst Wedge	12.8	1.6	21	18.43	C-6	2.09	1.04	1500	SL/10	10	
	S6964	3156	S8	Plst Wedge	12.8	2.1	32	26.88	C-6	2.09	1.04	1200	SL/10	10	
	S6965	3157	S8	Plst Wedge	12.8	2.1	32	26.88	C-6	2.09	1.04	1200	SL/10	10	
	E3357	3357	S8	Plst Wedge	12.8	2.23	40	28.54	C-6	2.09	1.04	800	SL/10	10	

miniatures & sealed beams

Miniatures & Sealed Beams



T3 1/4
SV8.5/8
Festoon




B3 1/2
Flange




T3 1/4
Mini Wedge







T5
Wedge

Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
 S6921	PR2	B3 1/2	Flange	2.38	0.5	0.8	1.19	C-2R	1.25	0.45	15	SL/10	10	2 "D" Cells
S6922	PR3	B3 1/2	Flange	3.57	0.5	1.5	1.79	C-2R	1.25	0.45	15	SL/10	10	3 "D" Cells
S6923	PR4	B3 1/2	Flange	2.33	0.27	0.4	0.63	C-2R	1.25	0.45	10	SL/10	10	2 "C" Cells
S6924	PR6	B3 1/2	Flange	2.47	0.3	0.45	0.74	C-2R	1.25	0.45	30	SL/10	10	2 "D" Cells
S6925	PR7	B3 1/2	Flange	3.7	0.3	0.9	1.11	C-2R	1.25	0.45	30	SL/10	10	3 "D" Cells
S6926	PR12	B3 1/2	Flange	5.95	0.5	3	2.98	C-2R	1.25	0.45	15	SL/10	10	5 "D" Cells
S6927	PR13	B3 1/2	Flange	4.75	0.5	2.2	2.38	C-2R	1.25	0.45	15	SL/10	10	6V Lantern
EPR18	PR18	B3 1/2	Flange	7.2	0.55	5.5	3.96	C-2R	1.25	0.45	3	SL/10	10	6 "D" Cells
S6928	PR30	B3 1/2	Flange	3.75	0.86	2.25	3.23	C-2R	1.25	0.45	40	SL/10	10	Rohrghl

FESTOON Incandescent Lamps

Satco Product Number	Lamp Number	Lamp Shape	Lamp Base	Design Voltage	Design Amps	MSCP	Approx Watts	Filament	MOL Inches	MOD Inches	Avg Rated Hours	Pkg Type	Ctn.	Notes
 VG020	6411	T3 1/4	SV8.5/8	12	.83	100*	10	n/a	1.73	0.39	200	Box	200/10	*Lumens
VG040	6413	T3 1/4	SV8.5/8	12	0.4	45*	5	n/a	1.73	0.39	200	Box	200/10	*Lumens
S2399	6421	T3 1/4	SV8.5/8	24	.125	18*	3	n/a	1.73	0.39	1000	Box	200/10	*Lumens
VG100	6424	T3 1/4	SV8.5/8	24	.2	62*	5	n/a	1.73	0.39	200	Box	200/10	*Lumens
VG130	6429	T3 1/4	SV8.5/8	24	.42	105*	10	n/a	1.73	0.39	200	Box	200/10	*Lumens

FESTOON & Rigid Loop Xenon Lamps

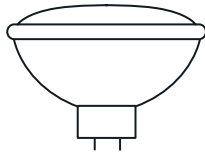
Approx Watts	Lamp Type	Satco Product Number	Lamp Shape	Design Voltage	Design Amps	Finish	Approx Lumens	MOL Inches	MOD Inches	Avg. Rated Hours	Pkg Type	Master Case / Inner
5	Festoon 	S6985	T3 1/4	12	0.37	Clear	50	1.73	0.39	20000	Box	500/10
		S6987	T3 1/4	24	0.19	Clear	50	1.73	0.39	15000	Box	500/10
		S6989	T3 1/4	12	0.37	Frost	50	1.73	0.39	20000	Box	500/10
		S6991	T3 1/4	24	0.19	Frost	50	1.73	0.39	15000	Box	500/10
	Rigid Loop 	S6993	T-3	12	0.417	Clear	45	1.69	0.39	20000	Box	500/10
		S6995	T-3	24	0.208	Clear	40	1.69	0.39	20000	Box	500/10
		S6997	T-3	12	0.417	Frost	45	1.69	0.39	20000	Box	500/10
		S6999	T-3	24	0.208	Frost	40	1.69	0.39	20000	Box	500/10
10	Festoon 	S6986	T3 1/4	12	0.74	Clear	120	1.73	0.39	20000	Box	500/10
		S6988	T3 1/4	24	0.39	Clear	120	1.73	0.39	10000	Box	500/10
		S6990	T3 1/4	12	0.74	Frost	120	1.73	0.39	20000	Box	500/10
		S6992	T3 1/4	24	0.39	Frost	120	1.73	0.39	10000	Box	500/10
	Rigid Loop 	S6994	T-3	12	0.833	Clear	100	1.69	0.39	20000	Box	500/10
		S6996	T-3	24	0.417	Clear	90	1.69	0.39	20000	Box	500/10
		S6998	T-3	12	0.833	Frost	100	1.69	0.39	20000	Box	500/10
		S6850	T-3	24	0.417	Frost	90	1.69	0.39	20000	Box	500/10

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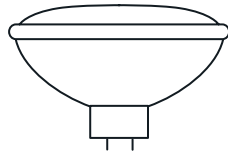
SL/10 = Sleeve of 10, orders must be placed in multiples of 10



PAR 36
Screw Term.



PAR 56
Mog End Prong



PAR 64
Mog End Prong

WEDGE Base Xenon Lamps

Approx Watts	Lamp Base	Satco Product Number	Lamp Shape	Design Voltage	Design Amps	Finish	Approx Lumens	MOL Inches	MOD Inches	Avg. Rated Hours	Pkg Type	Master Case / Inner
3	Mini Wedge 	S6968	T3 1/4	12	0.41	Clear	15	1.06	0.41	20000	Box	500/10
		S6969	T3 1/4	12	0.37	Clear	33	1.06	0.41	8000	Box	500/10
5	Mini Wedge 	S6974	T3 1/4	24	0.21	Clear	38	1.06	0.41	10000	Box	500/10
		S6972	T3 1/4	12	0.37	Frost	33	1.06	0.41	8000	Box	500/10
		S6976	T3 1/4	24	0.21	Frost	33	1.06	0.41	10000	Box	500/10
		S6975	T3 1/4	24	0.31	Clear	65	1.06	0.41	10000	Box	500/10
7.5	Mini Wedge 	S6977	T3 1/4	24	0.31	Frost	65	1.06	0.41	10000	Box	500/10
		S6979	T5	24	0.3	Clear	68	1.49	0.59	2500	Box	500/10
7.2	Mini Wedge 	S6982	T5	24	0.3	Frost	68	1.49	0.59	2500	Box	500/10
		S6980	T5	24	0.42	Clear	126	1.49	0.59	2000	Box	500/10
10	Mini Wedge 	S6983	T5	24	0.42	Frost	126	1.49	0.59	2000	Box	500/10
		S6978	T5	12	1.5	Clear	250	1.49	0.59	10000	Box	500/10
18	Mini Wedge 	S6981	T5	12	1.5	Frost	250	1.49	0.59	10000	Box	500/10

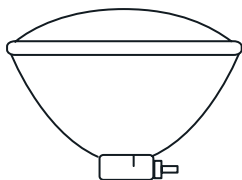
Halogen Sealed Beam Lamps for General and Display Lighting

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Flmnt	MOL	Pkg Type	Ctn
36	PAR36 	Screw Term.	S4807	36PAR36/CAP/VNSP	SP 5	12	17000	500	4000	CC-8	2.75"	Box	12
			S4808	36PAR36/CAP/NSP	SP 13	12	3500	500	4000	CC-8	2.75"	Box	12
			S4809	36PAR36/CAP/WFL	FL 32	12	1000	500	4000	CC-8	2.75"	Box	12
50	PAR36 	Screw Term.	S4806	50PAR36CAPNSP	SP 6	12	25000	700	4000	CC-8	2.75"	Box	12
500	PAR56 	Mog End Prong	S4668	500PAR56Q/NSP	NSP15	120	78500	8800	4000	CC-6	5.00"	Box	12
			S4669	500PAR56Q/MFL	MFL30	120	40000	8800	4000	CC-6	5.00"	Box	12
			S4670	500PAR56Q/WFL	WFL45	120	19500	8800	4000	CC-6	5.00"	Box	12
1000	PAR64 	Mog End Prong	S4671	1000PAR64Q/NSP	NSP20	120	135000	19400	4000	CC-6	6.00"	Box	6
			S4672	1000PAR64Q/MFL	MFL30	120	82000	19400	4000	CC-6	6.00"	Box	6
			S4673	1000PAR64Q/WFL	WFL60	120	23000	19400	4000	CC-6	6.00"	Box	6

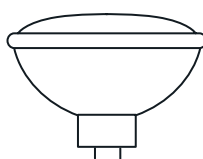
Miniatures & Sealed Beams



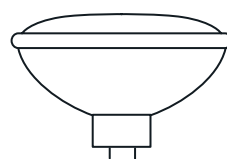
PAR 36
Screw Term.



PAR 46
Side Prong


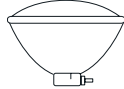
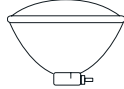

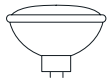
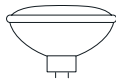


PAR 56
Mog End Prong



PAR 64
Mog End Prong

Incandescent Sealed Beam Lamps for General and Display Lighting

Watts	Bulb	Base	Satco Product Number	Lamp Code	Beam Pattern	Volts	CBCP	Initial Lumens	Avg. Rated Hours	Filmnt	MOL	Pkg Type	Ctn
50		Screw Term	S4805 ▲	50PAR36/NSP	NSP8	12	11000	330	2000	C-6	2.75"	Box	12
			S4804 ▲	50PAR36/WFL	FL35	12	720	330	2000	C-6	2.75"	Box	12
150		Side Prong	S4339 ▲	150PAR46/3NSP	NSP12	125-130	17500	1500	2000	CC-2V	4.00"	Box	12
200		Side Prong	S4342 ▲	200PAR46/3NSP	NSP12	120	31000	2270	2000	CC-13	4.00"	Box	12
			S4343 ▲	200PAR46/3NSP	NSP12	125-130	31000	2270	2000	CC-13	4.00"	Box	12
			S4340 ▲	200PAR46/3MFL	MFL25	120	11500	2270	2000	CC-13	4.00"	Box	12
			S4341 ▲	200PAR46/3MFL	MFL25	125-130	11500	2270	2000	CC-13	4.00"	Box	12
200		Mog End Prong	S4344 ▲	200PAR56/MFL	MFL22	120	15000	2270	2000	CC-13	5.00"	Box	12
300		Mog End Prong	S4812 ▲	300PAR56/NSP	NSP10	120	68000	3850	2000	CC-13	5.00"	Box	12
			S4345 ▲	300PAR56/NSP	NSP10	130	68000	3850	2000	CC-13	5.00"	Box	12
			S4810 ▲	300PAR56/MFL	MFL22	120	24000	3850	2000	CC-13	5.00"	Box	12
			S4346 ▲	300PAR56/MFL	MFL22	130	24000	3850	2000	CC-13	5.00"	Box	12
			S4811 ▲	300PAR56/WFL	WFL37	120	11000	3850	2000	CC-13	5.00"	Box	12
			S4347 ▲	300PAR56/WFL	WFL37	130	11000	3850	2000	CC-13	5.00"	Box	12
500		Mog End Prong	S4348 ▲	500PAR64/NSP	NSP8	120	110000	6500	2000	CC-13	6.00"	Box	6
			S4349 ▲	500PAR64/MFL	MFL23	120	23000	6500	2000	CC-13	6.00"	Box	6
			S4350 ▲	500PAR64/MFL	MFL23	130	23000	6500	2000	CC-13	6.00"	Box	6
			S4351 ▲	500PAR64/WFL	WFL42	120	13000	6500	2000	CC-13	6.00"	Box	6
			S4352 ▲	500PAR64/WFL	WFL42	130	13000	6500	2000	CC-13	6.00"	Box	6

miniatures & sealed beams



PAR 36
Screw Term.



PAR 46
Screw Term.



Sealed Beam Lamps for Equipment

	Satco Order Number	Lamp Code	Lamp Shape	Lamp Base	Design Voltage	Watts	Candle Power	Avg. Rated Hours	M.O.L.	Common Purpose	Pkg Type	Ctn
	S4300	4014	PAR36	Scrw Term	6.4	18.0	1500	200	2.75"	Emergency Ltg	Box	12
	S4301	4042	PAR36	Scrw Term	6.4	12.0	1100	150	2.75"	Emergency Ltg	Box	12
	S4302	4044	PAR36	Scrw Term	12.0	12.0	1100	150	2.75"	Emergency Ltg	Box	12
	S4303	4405	PAR36	Scrw Term	12.8	30.0	50000	100	2.75"	Spotlamp	Box	12
	S4304	4406	PAR36	Scrw Term	12.8	35.0	600	300	2.75"	Tractor / Flood	Box	12
	S4305	4411	PAR36	Scrw Term	12.8	35.0	3000	300	2.75"	Tractor	Box	12
	S4306	4414	PAR36	Scrw Term	12.8	18.0	1500	300	2.75"	Warning Sig / Emrgncy	Box	12
	S4307	4415	PAR36	Scrw Term	12.8	35.0	9000	300	2.75"	Fog	Box	12
	S4316	4416	PAR36	Scrw Term	12.8	30.0	35000	100	2.75"	Spotlamp / Signal	Box	12
	S4335	4435	PAR46	Scrw Term	12.8	30.0	75000	100	3.75"	Spotlamp	Box	12
	S4317	4446	PAR36	Scrw Term	12.8	25.0	400	300	2.75"	Emergency Ltg	Box	12
	S4318	4502	PAR36	Scrw Term	28.0	50.0	10000	400	2.75"	Auto HdImp / Signal	Box	12
	S4319	4505	PAR36	Scrw Term	28.0	50.0	45000	400	2.75"	Aircraft / Navigation	Box	12
	S4320	4509	PAR36	Scrw Term	13.0	100.0	110000	25	2.75"	Aircraft/Landing/Spotlt	Box	12
	S4321	4510	PAR36	Scrw Term	6.4	25.0	800	300	2.75"	Tractor/Emergency Ltg	Box	12
	S4322	4515	PAR36	Scrw Term	6.4	30.0	55000	100	2.75"	Spotlamp	Box	12
	S4323	4516	PAR36	Scrw Term	6.2	30.0	45000	300	2.75"	Spotlamp	Box	12
	S4324	4535	PAR46	Scrw Term	6.4	30.0	95000	100	3.75"	Spotlamp	Box	12
	S4336	4546	PAR36	Scrw Term	4.7	.50A	6300	100	2.75"	Spotlamp	Box	12
	S4333	7613	PAR36	Scrw Term	6.0	8.0	400	50	2.75"	Emergency Ltg	Box	12
	S4334	7672-1	PAR36	Slip-On Term	6.0	7.2	350	50	2.75"	Emergency Ltg	Box	12

Halogen Sealed Beam Lamps for Equipment

	Satco Product Number	Lamp Code	Lamp Shape	Lamp Base	Design Voltage	Watts	Candle Power	Avg. Rated Hours	M.O.L.	Common Purpose	Pkg Type	Ctn
	S4325	H7550	PAR36	Scrw Term	6.0	8.0	25000	50	2.75"	Hand Lantern	Box	12
	S4326	H7551	PAR36	Scrw Term	6.0	8.0	550	50	2.75"	Emergency Ltg	Box	12
	S4327	H7552	PAR36	Scrw Term	6.0	10.0	650	50	2.75"	Emergency Ltg	Box	12
	S4328	H7553	PAR36	Scrw Term	6.0	12.0	850	50	2.75"	Emergency Ltg	Box	12
	S4329	H7554	PAR36	Scrw Term	6.0	80.0		50	2.75"	Emergency Ltg	Box	12
	S4330	H7555	PAR36	Scrw Term	12.0	8.0	550	50	2.75"	Emergency Ltg	Box	12
	S4331	H7556	PAR36	Scrw Term	6.0	6.0	400	50	2.75"	Emergency Ltg	Box	12
	S4332	H7557	PAR36	Scrw Term	12.0	12.0	850	50	2.75"	Emergency Ltg	Box	12

miniatures & sealed beams

Miniatures at a Glance



TL3
Mini Screw



T 1 3/4
Flange



T 1 3/4
Mini Screw



G3 1/2
Mini Bay.



G3 1/2
Mini Screw



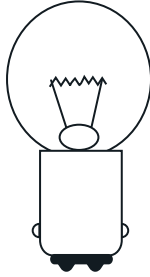
G3 1/2
Bi Pin



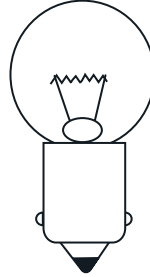
G 4 1/2
Mini Screw



G6
Cand.



G6
DC Bay.



G6
SC Bay.



G4 1/2
Mini Bay.



B3 1/2
Flange



T3 1/4
Mini Bay



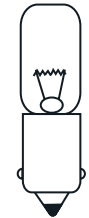
T3 1/4
Mini Wedge



T1 3/4
Mini Wedge



T2 1/2
Bi Pin G4



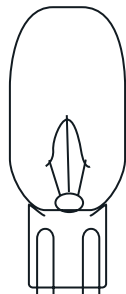
T2 1/2
Mini Bay.



T3 1/4
Mini Screw



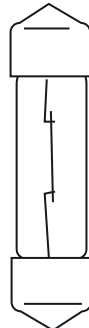
T2
Slide



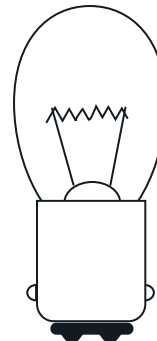
T5
Wedge



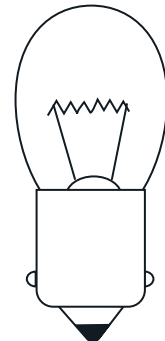
T3
Rigid Loop



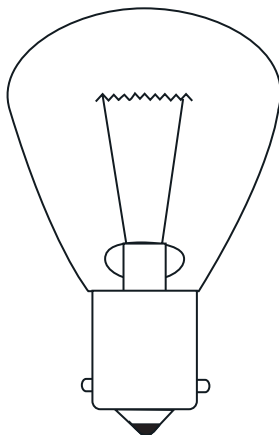
T3
Festoon



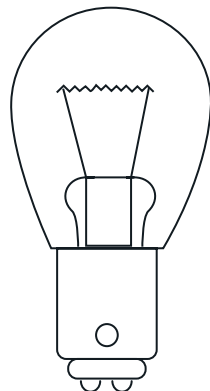
B6
DC Bay.



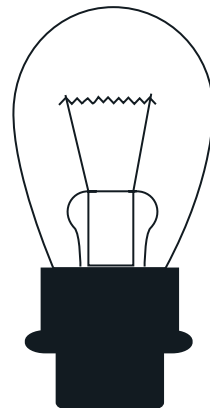
B6
SC Bay.



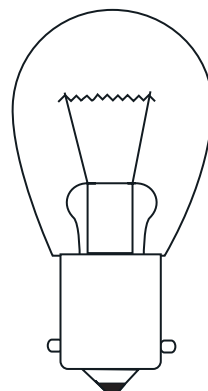
RP11
SC Bay.



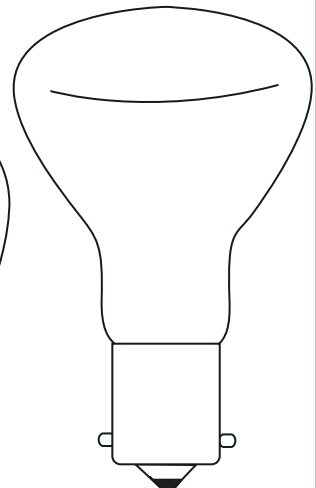
S8
DC Bay.



S8
Plastic Wedge



S8
SC Bay.



R12
SC Bay.