



**shat-r-shield**<sup>®</sup> INC.  
PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS

**Established Quality.  
Innovative Protection.**

Product Catalog & Specification Guide

shat-r-shield

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We Didn't Invent The Light Bulb,  
Just The Safety Coating.



*If a Shat-R-Shield lamp is accidentally broken, virtually all glass, mercury and phosphors are safely contained within the skin-tight, non-yellowing plastic coating.*

Since 1976, Shat-R-Shield has been dedicated to manufacturing the highest quality safety-coated, shatter-resistant lamps on the market. For nearly 40 years, we have continued to innovate the protective lighting industry, supplying a full line of coated lamps and lighting products that includes:

**LEDs • Fluorescents • Compact Fluorescents • HIDs • Halogens • Incandescents • Glass Globes**

We are constantly researching, testing, and improving our coating methods to ensure that our customers are provided superior protection for all their lighting needs.

Most Shat-R-Shield lamps are **UL-EPH<sup>®</sup>** classified, **NSF<sup>®</sup>** certified and meet **FDA, OSHA, ASME, CFIA** and Mexico Department of Agriculture and Rural Development regulations.



# LED Lamps

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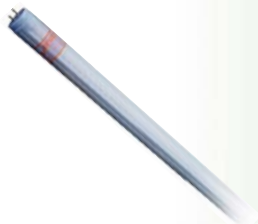
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**Applications:**  
Outdoor Lighting  
Landscaping  
Dock Lighting  
Washdown Areas

## Shat-R-Shield LED Lamps: The most energy efficient lighting technology and its **WATERPROOF.**

The benefit of energy efficiency offered by Solid-State Lighting has taken the world by storm and LED lamps have quickly become the lighting retrofit of choice across the globe. The technology behind LEDs is constantly evolving and becoming more impressive by the day, but have you ever actually stopped to consider the following?

Technology = Electronics  
Electronics + Harsh Environments = Corrosion  
Corrosion = Lamp Failure

The answer?

***Shat-R-Shield Waterproof, Safety-Coated LED Lighting Solutions.***

What sets Shat-R-Shield LED lamps apart from competitors' is a thin layer of crystal clear, non-yellowing silicone coating that completely seals the lamp, protecting fragile electronic components from moisture and corrosion to prevent premature failure. The safety-coated lamps have passed rigorous third party **IP-68** testing, proving the protective properties of the coating against moisture and dust ingress.

Shat-R-Shield's Waterproof, Safety-Coated LED Lamps are the ideal retrofit for inefficient incandescent, compact fluorescent and halogen lamps. They save you money by using up to 80% less energy than conventional lighting and have a rated lifetime of 40,000+ hours, meaning significantly less relamping cycles. All that, protected by Shat-R-Shield's waterproof safety coating and backed by a 3 year limited warranty.

So ask yourself-- ***Can you really afford not to?***

## LED PAR Lamps

| Watts | Part # | Description                          | Lumens | Kelvin Temp | CRI | Beam Angle | Incan Equiv | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|--------------------------------------|--------|-------------|-----|------------|-------------|----------------|-------|------------|---------|
| 9     | 06300F | 9PAR20/DIM/NFL/3000K/LED (PK X 10)   | 470    | 3000        | 82  | 25°        | 50W         | 2.5            | 120   | 25000      | 10      |
| 9     | 06301F | 9PAR20/DIM/NFL/5000K/LED (PK X 10)   | 550    | 5000        | 80  | 25°        | 50W         | 2.5            | 120   | 25000      | 10      |
| 14    | 06400F | 14PAR30L/DIM/NFL/3000K/LED(PK X 10)  | 774    | 3000        | 82  | 30°        | 75W         | 3.7            | 120   | 25000      | 10      |
| 14    | 06401F | 14PAR30L/DIM/NFL/3000K/LED (PK X 10) | 793    | 3000        | 82  | 40°        | 75W         | 3.7            | 120   | 25000      | 10      |
| 14    | 06402F | 14PAR30L/DIM/NFL/5000K/LED(PK X 10)  | 921    | 5000        | 80  | 30°        | 85W         | 3.7            | 120   | 25000      | 10      |
| 14    | 06403F | 14PAR30L/DIM/NFL/5000K/LED (PK X 10) | 921    | 5000        | 80  | 40°        | 85W         | 3.7            | 120   | 25000      | 10      |
| 17    | 06501F | 17PAR38/DIM/NFL/3000K/LED (PK X 10)  | 990    | 3000        | 82  | 40°        | 85W         | 3.7            | 120   | 25000      | 10      |
| 17    | 06502F | 17PAR38/DIM/NFL/5000K/LED (PK X 10)  | 1127   | 5000        | 80  | 30°        | 90W         | 4.8            | 120   | 25000      | 10      |
| 17    | 06500F | 17PAR38/DIM/NFL/3000K/LED (PK X 10)  | 970    | 3000        | 82  | 30°        | 85W         | 4.8            | 120   | 25000      | 10      |
| 17    | 06503F | 17PAR38/DIM/NFL/5000K/LED (PK X 10)  | 1127   | 5000        | 80  | 40°        | 90W         | 4.8            | 120   | 25000      | 10      |

| Watts | Part # | Description                      | Lumens | Kelvin Temp | CRI | Beam Angle | Incan Equiv | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|----------------------------------|--------|-------------|-----|------------|-------------|----------------|-------|------------|---------|
| 9.5   | 06200F | 9.5W/G25/DIM/LED/2700K (PK X 10) | 490    | 2700        | 80  | 50°        | 4W          | 3              | 120   | 25000      | 10      |

## LED A19 Lamps

| Watts | Part # | Description                     | Lumens | Kelvin Temp | CRI | Beam Angle | Incan Equiv | Length (in.) | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|---------------------------------|--------|-------------|-----|------------|-------------|--------------|----------------|-------|------------|---------|
| 7     | 06101F | 7W/A19/DIM/LED/3000K (PK X 10)  | 470    | 3000        | 80  | 60W        | 4.3         | 2.5          | 120            | 25000 | 10         |         |
| 12    | 06103T | 12W/A19/DIM/LED/3000K (PK X 12) | 800    | 3000        | 85  | 60W        | 4.3         | 2.4          | 120            | 35000 | 12         |         |

## LED MR16 Lamps

| Watts | Part # | Description                      | Lumens | Kelvin Temp | CRI | Beam Angle | Incan Equiv | Length (in.) | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|----------------------------------|--------|-------------|-----|------------|-------------|--------------|----------------|-------|------------|---------|
| 6     | 06001F | 6MR16/NFL/3000K/LED (PK X 10)    | 313    | 3000        | 82  | 30°        | 25W         | 2            | 2              | 12    | 25000      | 10      |
| 8     | 06002F | 8MR16/NFL/3000K/LED (PK X 10)    | 460    | 3000        | 80  | 30°        | 35W         | 2            | 2              | 12    | 25000      | 10      |
| 4.5   | 06000F | 4.5 MR16/NFL/3000K/LED (PK X 10) | 186    | 3000        | 80  | 25°        | 10W         | 2            | 2              | 12    | 25000      | 10      |

## LED Reflector Lamps

| Watts | Part # | Description                     | Lumens | Kelvin Temp | CRI | Beam Angle | Incan Equiv | Length (in.) | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|---------------------------------|--------|-------------|-----|------------|-------------|--------------|----------------|-------|------------|---------|
| 11    | 06305F | 11W/R30/DIM/LED/3000K (PK X 10) | 750    | 3000        | 82  | 60W        | 5.2         | 3.75         | 120            | 25000 | 10         |         |
| 18    | 06505F | 18W/R40/DIM/LED/3000K (PK X 10) | 1230   | 3000        | 82  | 75W        | 6.5         | 5            | 120            | 25000 | 10         |         |

## LED T8 Tube

| Watts | Part # | Description                      | Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Volts | Life Hours | Pack By |
|-------|--------|----------------------------------|--------|-------------|-----|--------------|----------------|-------|------------|---------|
| 18    | 06600F | LED/18W/T8/4100K/48"/U (PK X 10) | 1568   | 4100        | 70  | 48           | 1              | 120   | 40000      | 10      |



**Yes, really.**

**WATERPROOF.**

**Not wet location.  
Not water resistant.  
IP-68. Waterproof.**

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# Fluorescent Lamps

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#### Applications:

Industrial  
Food Processing  
Food Service  
Retail  
Hospitality  
General Lighting

## Shat-R-Shield Linear Fluorescents: Low on Energy Consumption & Cost; High On Protective Value.

Shat-R-Shield's vast offering of safety-coated fluorescent lamps provides the ideal option for every lighting need. Whether you're looking for T5, T8, T12 or U-Bent lamps, low wattage or eco-friendly low mercury lamps, Philips, Osram, Sylvania or our very own etched brand lamps,  
*Shat-R-Shield's got you covered.*

The trademarked **orange bands** applied to every Shat-R-Shield coated fluorescent lamp are the most recognized in the industry for one reason alone-- the ultimate in protection, time and time again.

The difference lies within the coating method: Shat-R-Shield lamps go through an extrusion process in which the patented non-yellowing, UV blocking plastic coating is applied directly onto the lamp, end to end. This creates a skin-tight seal, eliminating any air gaps in which heat from the lamp will become trapped and gradually degrade the coating, leaving the lamp unprotected and your business exposed to the risk of glass breakage. The protective coating is literally one with the lamp; no plastic sleeves, no endcaps and no room for errors.

Shat-R-Shield's safety coating on fluorescents reduces light output by less than 1% and is a minimum of 16 mils thick. It includes a patented UV blocking package that blocks 97% of UV emissions from 180 to 390 nanometers and is guaranteed not to yellow, crack or flake for the rated life of the lamp.

When considering tubeguards versus a Shat-R-Shield safety-coated lamp, ask yourself--  
*Is the safety of your business, employees, customers, products and yourself  
something you're willing to gamble with?*

## Preheat T5 Fluorescent Lamps; Miniature Bi-Pin (G5); Requires Use Of Starters

| Watts | Part # | Description         | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-------|--------|---------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| 4     | 10010  | F4T5 CW (PK X 25)   | 140            | 95          | 4100        | 60  | 6            | 10000      | 25      |
| 6     | 11010  | F6T5 CW (PK X 25)   | 260            | 230         | 4100        | 60  | 9            | 10000      | 25      |
| 6     | 11022  | F6T5 D (PK X 25)    | 230            | 180         | 6500        | 75  | 9            | 10000      | 25      |
| 8     | 12010G | F8T5 CW (PK X 24)   | 400            | 320         | 4100        | 60  | 12           | 5000       | 24      |
| 8     | 12010S | F8T5 CW (PK X 25)   | 390            | 340         | 4200        | 60  | 12           | 7500       | 24      |
| 8     | 12010  | F8T5 CW (PK X 25)   | 410            | 300         | 4100        | 60  | 12           | 10000      | 25      |
| 13    | 13210  | F13T5 30U (PK X 25) | 1000           | 800         | 3000        | 85  | 21           | 8000       | 25      |
| 13    | 13010S | F13T5 CW (PK X 25)  | 860            | 748         | 4200        | 60  | 21           | 10000      | 25      |
| 13    | 13010  | F13T5 CW (PK X 25)  | 930            | n/a         | 4100        | 60  | 21           | 8000       | 25      |

## T5 High Efficiency Fluorescent Lamps (2'-5'); Miniature Bi-Pin (G5); Programmed Start

| Watts           | Part # | Description                  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                              |                |             |             |     |              |            |         |
| 14              | 79520  | F14T5 830/ALTO (PK X 40)     | 1350           | 1275        | 3000        | 83  | 22           | 35000      | 40      |
| 14              | 79530  | F14T5 835/ALTO (PK X 40)     | 1350           | 1275        | 3500        | 82  | 22           | 35000      | 40      |
| 14              | 79540  | F14T5 841/ALTO (PK X 40)     | 1350           | 1275        | 4100        | 82  | 22           | 35000      | 40      |
| 14              | 79542  | F14T5 850/ALTO (PK X 40)     | 1300           | 1225        | 5000        | 82  | 22           | 35000      | 40      |
| 21              | 71520  | F21T5 830/ALTO (PK X 40)     | 2100           | 2000        | 3000        | 85  | 34           | 35000      | 40      |
| 21              | 71530  | F21T5 835/ALTO (PK X 40)     | 2100           | 2000        | 3500        | 85  | 34           | 35000      | 40      |
| 21              | 71540  | F21T5/841/ALTO (PK X 40)     | 2100           | 2000        | 4100        | 85  | 34           | 35000      | 40      |
| 28              | 73520  | F28T5 830/ALTO (PK X 40)     | 2900           | 2750        | 3000        | 83  | 46           | 35000      | 40      |
| 28              | 73538  | F28T5 835/ALTO (PK X 40)     | 2900           | 2750        | 3500        | 82  | 46           | 35000      | 40      |
| 28              | 73540  | F28T5 841/ALTO (PK X 40)     | 2900           | 2750        | 4100        | 85  | 46           | 35000      | 40      |
| 35              | 77520  | F35T5 830 (PK X 40)          | 3650           | 3450        | 3000        | 85  | 58           | 35000      | 40      |
| 35              | 77540  | F35T5 841 (PK X 40)          | 3650           | 3450        | 4100        | 85  | 58           | 35000      | 40      |
| <b>Sylvania</b> |        |                              |                |             |             |     |              |            |         |
| 14              | 79531S | FP14/835/ECO (PK X 40)       | 1200           | 1116        | 3500        | 85  | 24           | 22000      | 40      |
| 14              | 79541S | F14T5 841/ECO (PK X 40)      | 1200           | 1116        | 4100        | 85  | 24           | 22000      | 40      |
| 21              | 71520S | FP21/830/ECO (PK X 40)       | 1900           | 1765        | 3000        | 85  | 36           | 22000      | 40      |
| 21              | 71531S | FP21/835/ECO (PK X 40)       | 1900           | 1765        | 3500        | 85  | 36           | 22000      | 40      |
| 28              | 73528S | FP28/830/ECO (PK X 40)       | 2600           | 2420        | 3000        | 85  | 48           | 36000      | 40      |
| 28              | 73534S | F28T5 835/ECO (UV) (PK X 40) | 2600           | 2420        | 3500        | 85  | 48           | 36000      | 40      |
| 28              | 73531S | FP28/835/ECO (PK X 40)       | 2600           | 2420        | 3500        | 85  | 48           | 36000      | 40      |
| 28              | 73541S | FP28/841/ECO (PK X 40)       | 2600           | 2420        | 4100        | 85  | 48           | 36000      | 40      |
| 28              | 73542S | F28/850/ECO (PK X 40)        | 2545           | 2365        | 5000        | 85  | 48           | 36000      | 40      |
| 35              | 77528S | F35T5 830/ECO (PK X 40)      | 3300           | 3070        | 3000        | 85  | 60           | 22000      | 40      |
| 35              | 77531S | FP35/835/ECO (PK X 40)       | 3300           | 3070        | 3500        | 85  | 60           | 22000      | 40      |
| 35              | 77532S | FP35/841/ECO (PK X 40)       | 3300           | 3070        | 4100        | 85  | 60           | 22000      | 40      |
| <b>GE</b>       |        |                              |                |             |             |     |              |            |         |
| 21              | 71541G | F21T5 841/ECO (PK X 40)      | 2100           | 1930        | 4100        | 85  | 34           | 36000      | 40      |

## High Output (HO) Energy Efficient T5 Fluorescent Lamps; Miniature Bi-Pin (G5); Programmed Start

| Watts           | Part # | Description                            | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|--|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |  |                |             |             |     |              |            |         |
| 44              | 82560  | F54T5 835/HO/XEW/ALTO 44W (PK X 40)    | 4500           | 4275        | 3500        | 82  | 46           | 40000      | 40      |
| 44              | 82561  | F54T5 841/HO/XEW/ALTO 44W (PK X 40)    | 4500           | 4275        | 4100        | 82  | 46           | 40000      | 40      |
| 44              | 82562  | F54T5 850/HO/XEW/ALTO 44W (PK X 40)    | 4320           | 4100        | 5000        | 82  | 46           | 40000      | 40      |
| 49              | 82551  | F54T5 835/HO/EA/ALTO 49 WATT (PK X 40) | 5000           | 4750        | 3500        | 85  | 46           | 40000      | 40      |
| 49              | 82567  | F54T5 841/HO/EA/A/ALTO 49W (PK X 40)   | 5000           | 4750        | 4100        | 82  | 46           | 40000      | 40      |
| 49              | 82552  | F54T5 841/HO/EA/ALTO 49WATT(PKX40)     | 4800           | 4600        | 4100        | 85  | 46           | 40000      | 40      |
| 49              | 82553  | F54T5 850/HO/ALTO 49WATT (PK X 40)     | 4850           | 4625        | 5000        | 82  | 46           | 40000      | 40      |
| 49              | 82557  | F54T5 850/HO/EA/A/ALTO/49W (PKX40)     | 4800           | 4600        | 5000        | 82  | 46           | 40000      | 40      |
| <b>Sylvania</b> |        |  |                |             |             |     |              |            |         |
| 47              | 82554S | F54T5/47W/841/HO/SS/ECO (PK X 40)      | 4050           | 3770        | 4100        | 82  | 48           | 40000      | 40      |
| 47              | 82555S | F54T5/47W/850/HO/SS/ECO (PK X 40)      | 3950           | 3675        | 5000        | 82  | 48           | 40000      | 40      |
| 50              | 82541S | FP54T5 850/HO/ECO/50W (PK X 40)        | 4250           | 4140        | 5000        | 85  | 48           | 40000      | 40      |

## High Output (HO) T5 Fluorescent Lamps; Miniature Bi-Pin; Programmed Start

| Watts           | Part # | Description                   | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|-------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                               |                |             |             |     |              |            |         |
| 24              | 80527  | F24T5 830/HO (PK X 40)        | 1950           | 1850        | 3000        | 85  | 22           | 35000      | 40      |
| 24              | 80537  | F24T5 835/HO/ALTO (PK X 40)   | 1950           | 1850        | 3500        | 85  | 22           | 35000      | 40      |
| 24              | 80547  | F24T5 841/HO/ALTO (PK X 40)   | 1950           | 1850        | 4100        | 85  | 22           | 35000      | 40      |
| 39              | 87527  | F39T5 830/HO (PK X 40)        | 3500           | 3325        | 3000        | 85  | 34           | 35000      | 40      |
| 39              | 87537  | F39T5 835/HO (PK X 40)        | 3500           | 3325        | 3500        | 85  | 34           | 35000      | 40      |
| 54              | 82537  | F54T5 835/HO/ALTO (PK X 40)   | 5000           | 4750        | 3500        | 85  | 46           | 35000      | 40      |
| 54              | 82548  | F54T5 841/HO/ALTO (PK X 40)   | 5000           | 4750        | 4100        | 85  | 46           | 35000      | 40      |
| 54              | 82558  | F54T5 850/HO/ALTO (PK X 40)   | 4800           | 4600        | 5000        | 84  | 46           | 35000      | 40      |
| 54              | 82579G | F54T5 865/HO/ECO (PK X 40)    | 4750           | 4370        | 6500        | 85  | 46           | 36000      | 40      |
| 80              | 89548G | F80T5 850/HO/ECO (PK X 40)    | 6700           | 6160        | 5000        | 85  | 57           | 36000      | 40      |
| <b>SRS</b>      |        |                               |                |             |             |     |              |            |         |
| 54              | 82549F | F54T5 841/HO (PK X 25)        | 5000           | 4700        | 4100        | 85  | 45.79        | 30000      | 25      |
| 54              | 82559F | F54T5 850/HO (PK X 25)        | 5000           | 4700        | 5000        | 85  | 45.79        | 30000      | 25      |
| <b>Sylvania</b> |        |                               |                |             |             |     |              |            |         |
| 24              | 80546S | FP24/841/HO/ECO (PK X 40)     | 1750           | 1625        | 4100        | 85  | 24           | 36000      | 40      |
| 54              | 82537S | FP54/835/HO/ECO (PK X 40)     | 4450           | 4140        | 3500        | 85  | 48           | 40000      | 40      |
| 54              | 82548S | FP54/841/HO/ECO (PK X 40)     | 4450           | 4140        | 4100        | 85  | 48           | 40000      | 40      |
| 54              | 82566S | F54T5 835/C/HO/ECO (PK X 40)  | 4900           | 4560        | 3500        | 85  | 48           | 35000      | 40      |
| 54              | 82568S | FP54T5 841/C/HO/ECO (PK X 40) | 4900           | 4560        | 4100        | 85  | 48           | 35000      | 40      |
| 54              | 82538S | FP54/850/C/HO/ECO (PK X 40)   | 4800           | 4464        | 5000        | 85  | 48           | 35000      | 40      |
| 54              | 82539S | FP54T5 850/HO/ECO (PK X 40)   | 4360           | 4070        | 5000        | 85  | 48           | 40000      | 40      |
| 54              | 82578S | FP54/865/HO/ECO (PK X 40)     | 4050           | 3765        | 6500        | 85  | 48           | 40000      | 40      |
| 54              | 82540S | FP54/850/HO/XL/ECO (PK X 40)  | 4300           | 4000        | 5000        | 85  | 48           | 60000      | 40      |

## T6 Fluorescent Lamps; Single Pin (Fa8)

| Watts     | Part # | Description          | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------|--------|----------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>GE</b> |        |                      |                |             |             |     |              |            |         |
| 40        | 36590G | F64T6 SP35 (PK X 24) | 2930           | 2720        | 3500        | 73  | 64           | 7500       | 24      |
| 40        | 36012G | F64T6 CW (PK X 24)   | 2800           | 2520        | 4100        | 60  | 64           | 7500       | 24      |

## Preheat T8 Fluorescent Lamps; Medium Bi-Pin (G13); Starter Required

| Watts           | Part # | Description             | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|-------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Sylvania</b> |        |                         |                |             |             |     |              |            |         |
| 13              | 14012S | F13T8 CW (PK X 24)      | 530            | 460         | 4200        | 60  | 12           | 9000       | 24      |
| 15              | 17032S | F15T8 WW (PK X 24)      | 845            | 735         | 3000        | 52  | 18           | 9000       | 24      |
| 15              | 17990S | F15T8 D830 (PK X 24)    | 920            | 845         | 3000        | 82  | 18           | 9000       | 24      |
| 15              | 17035S | F15T8 D35 (PK X 24)     | 940            | 845         | 3500        | 70  | 18           | 9000       | 24      |
| 15              | 17015S | F15T8 CW (PK X 24)      | 825            | 720         | 4200        | 60  | 18           | 9000       | 24      |
| 18              | 21303S | F18T8 CW/K24 (PK X 24)  | 1190           | 1035        | 4200        | 60  | 24           | 9000       | 24      |
| 18              | 21304S | F18T8 CW/K30 (PK X 24)  | 1400           | 1200        | 4200        | 60  | 30           | 9000       | 24      |
| 30              | 27013S | F30T8 CW (PK X 24)      | 2180           | 1895        | 4200        | 60  | 36           | 9000       | 24      |
| 30              | 27024S | F30T8 D (PK X 24)       | 1850           | 1655        | 6500        | 76  | 36           | 9000       | 24      |
| <b>Philips</b>  |        |                         |                |             |             |     |              |            |         |
| 15              | 17016  | F15T8 CW/ALTO (PK X 25) | 870            | 765         | 4100        | 59  | 18           | 9000       | 25      |
| 15              | 17026  | F15T8 D/ALTO (PK X 25)  | 750            | 660         | 6500        | 73  | 18           | 9000       | 25      |
| 30              | 27016  | F30T8 CW/ALTO (PK X 30) | 2200           | 2000        | 4100        | 59  | 36           | 9000       | 30      |
| 30              | 27098  | F30T8 SW/ALTO (PK X 6)  | 2500           | 2250        | 3000        | 85  | 36           | 9000       | 6       |
| <b>GE</b>       |        |                         |                |             |             |     |              |            |         |
| 18              | 65012G | F24T8 CW/4 (PK X 6)     | 1150           | 1040        | 4100        | 60  | 24           | 9000       | 6       |
| 19              | 69452G | F28T8 CW/4/R (PK X 24)  | 1350           | 1145        | 4100        | 60  | 28           | 9000       | 24      |

## Energy Efficient T8 Fluorescent Lamps; Medium Bi-Pin (G13)

| Watts           | Part # | Description                           | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|---------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                       |                |             |             |     |              |            |         |
| 25              | 46533  | F32T8 ADV835/XEW/ALTO/25W (PK X 30)   | 2500           | 2425        | 3500        | 85  | 48           | 38000      | 30      |
| 25              | 46618  | F32T8 ADV841/XEW/ALTO/25W (PK X 30)   | 2500           | 2450        | 4100        | 82  | 48           | 38000      | 30      |
| 25              | 46557  | F32T8 ADV850/XEW/ALTO/25W (PK X30)    | 2400           | 2350        | 5000        | 82  | 48           | 38000      | 30      |
| 25              | 46643  | F32T8 ADV841/XLL/ALTO/25WATT (PKX30)  | 2400           | 2330        | 4100        | 82  | 48           | 46000      | 30      |
| 25              | 46644  | F32T8 ADV850/XLL/ALTO/25W (PKX30)     | 2350           | 2280        | 5000        | 82  | 48           | 46000      | 30      |
| 28              | 46540  | F32T8 ADV841/EW/ALTO 28WATT (PKX30)   | 2725           | 2645        | 4100        | 82  | 48           | 38000      | 30      |
| 28              | 46556  | F32T8 ADV850/EW/ALTO 28WATT (PK X30 ) | 2675           | 2595        | 5000        | 82  | 48           | 38000      | 30      |
| <b>Sylvania</b> |        |                                       |                |             |             |     |              |            |         |
| 25              | 45827S | F025/830/XP/ECO (HIGH TEMP) (PKX30)   | 2175           | 2045        | 3000        | 85  | 36           | 42000      | 30      |
| 25              | 45839S | FO25/835/XPS/ECO (PK X 30)            | 2175           | 2045        | 3500        | 85  | 36           | 42000      | 30      |
| 25              | 46631S | FO32/25W/830/XP/SS/ECO (PK X 30)      | 2500           | 2350        | 3000        | 85  | 48           | 40000      | 30      |
| 25              | 46632S | FO32/25W/835/XP/SS/ECO (PK X 30)      | 2500           | 2350        | 3500        | 85  | 48           | 40000      | 30      |
| 25              | 46633S | FO32/25W/841/XP/SS/ECO (PK X 30)      | 2500           | 2350        | 4100        | 85  | 48           | 40000      | 30      |
| 25              | 46634S | FO32/25W/850/XP/SS/ECO (PK X 30)      | 2500           | 2350        | 5000        | 81  | 48           | 40000      | 30      |
| 28              | 69545S | FO28/830/XP/SS/ECO (PK X 30)          | 2725           | 2560        | 3000        | 85  | 48           | 42000      | 30      |
| 28              | 69468S | FO28/841/XP/SS/ECO (PK X 30)          | 2725           | 2560        | 4100        | 85  | 48           | 42000      | 30      |
| 28              | 69467S | FO28/850/XP/SS/ECO (PK X 30)          | 2700           | 2470        | 5000        | 80  | 48           | 42000      | 30      |
| 28              | 46830S | FO28/841/XP/XL/SS/ECO3 (PK X 30)      | 2600           | 2495        | 4100        | 85  | 48           | 62000      | 30      |
| 28              | 46831S | FO28/850/XP/XL/SS/ECO3 (PK X 30)      | 2600           | 2495        | 5000        | 81  | 48           | 62000      | 30      |
| 30              | 27527S | FO30/835/XP/SS/ECO (PK X 30)          | 2850           | 2710        | 3500        | 85  | 48           | 42000      | 30      |
| 30              | 27546S | FO30/841/XP/SS/ECO (PK X 30)          | 2850           | 2710        | 4100        | 85  | 48           | 42000      | 30      |
| 30              | 27898S | F30T8 850/XP/SS/ECO (PK X 30)         | 2800           | 2660        | 5000        | 81  | 48           | 42000      | 30      |

## T8 Fluorescent Lamps; Medium Bi-Pin (G13)

| Watts          | Part # | Description                          | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|----------------|--------|--------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b> |        |                                      |                |             |             |     |              |            |         |
| 17             | 20530  | F17T8 TL835/ALTO (PK X 25)           | 1350           | 1280        | 3500        | 84  | 24           | 30000      | 25      |
| 17             | 20540  | F17T8 TL841/ALTO (PK X 25)           | 1350           | 1280        | 4100        | 82  | 24           | 30000      | 25      |
| 17             | 20540  | F17T8 TL841/ALTO (PK X 30)           | 1350           | 1280        | 4100        | 82  | 24           | 30000      | 30      |
| 17             | 20629  | F17T8 ADV841/ALTO (PK X 25)          | 1500           | 1450        | 4100        | 82  | 24           | 30000      | 25      |
| 25             | 45538  | F25T8 TL835/ALTO (PK X 30)           | 2150           | 2040        | 3500        | 85  | 36           | 30000      | 30      |
| 25             | 45537  | F25T8 TL835/ALTO (HIGH TEMP) (PKX30) | 2150           | 2045        | 3500        | 85  | 36           | 36000      | 30      |
| 25             | 45542  | F25T8 TL841/ALTO (PK X 30)           | 2150           | 2040        | 4100        | 84  | 36           | 30000      | 30      |
| 32             | 46496  | F32T8 TL730/HV/ALTO (PK X 30)        | 2700           | 2565        | 3000        | 78  | 48           | 30000      | 30      |
| 32             | 46495  | F32T8 TL730/HV/ALTO (PK X 6)         | 2700           | 2565        | 3000        | 78  | 48           | 30000      | 6       |
| 32             | 46506  | F32T8 TL735/HV/ALTO (PK X 30)        | 2700           | 2565        | 3500        | 78  | 48           | 30000      | 30      |
| 32             | 46505  | F32T8 TL735/HV/ALTO (PK X 6)         | 2700           | 2565        | 3500        | 78  | 48           | 30000      | 6       |
| 32             | 46516  | F32T8 TL741/HV/ALTO (PK X 30)        | 2700           | 2565        | 4100        | 78  | 48           | 30000      | 30      |
| 32             | 46515  | F32T8 TL741/HV/ALTO (PK X 6)         | 2700           | 2565        | 4100        | 78  | 48           | 30000      | 6       |
| 32             | 46248  | F32T8 TL750/HV/ALTO (PK X 30)        | 2600           | 2470        | 5000        | 78  | 48           | 30000      | 30      |
| 32             | 46526  | F32T8 TL830/HV/ALTO (PK X 30)        | 2850           | 2710        | 3000        | 85  | 48           | 30000      | 30      |
| 32             | 46525  | F32T8 TL830/HV/ALTO (PK X 6)         | 2850           | 2710        | 3000        | 85  | 48           | 30000      | 6       |
| 32             | 46536  | F32T8 TL835/HV/ALTO (PK X 30)        | 2850           | 2710        | 3500        | 85  | 48           | 30000      | 30      |
| 32             | 46546  | F32T8 TL841/HV/ALTO (PK X 30)        | 2850           | 2710        | 4100        | 82  | 48           | 30000      | 30      |
| 32             | 46823  | F32T8 TL850/HV/ALTO (PK X 30)        | 2850           | 2710        | 5000        | 82  | 48           | 30000      | 30      |
| 32             | 46548  | F32T8 ADV841/ALTO (PK X 30)          | 3100           | 3000        | 4100        | 82  | 48           | 30000      | 30      |
| 32             | 46558  | F32T8 ADV850/ALTO (PK X 30)          | 3000           | 2910        | 5000        | 82  | 48           | 30000      | 30      |
| 32             | 46110  | F32T8 TL950 (PK X 30)                | 2000           | 1860        | 5000        | 98  | 48           | 20000      | 30      |
| 40             | 47528  | F40T8 TL830/ALTO (PK X 25)           | 3775           | 3500        | 3000        | 86  | 60           | 20000      | 25      |
| 40             | 47538  | F40T8 TL835/ALTO (PK X 25)           | 3775           | 3500        | 3500        | 86  | 60           | 20000      | 25      |
| 40             | 47537  | F40T8 TL835/ALTO (HIGH TEMP) (PKX25) | 3775           | 3500        | 3500        | 86  | 60           | 20000      | 25      |
| 40             | 47546  | F40T8 TL841/ALTO (PK X 25)           | 3775           | 3500        | 4100        | 86  | 60           | 20000      | 25      |

## T8 Fluorescent Lamps; Medium Bi-Pin (G13)

| Watts           | Part # | Description                  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Sylvania</b> |        |                              |                |             |             |     |              |            |         |
| 14              | 14508S | FO13/735/ECO (PK X 30)       | 830            | 765         | 3500        | 75  | 18           | 35000      | 30      |
| 17              | 20400S | F17T8 730/ECO (PK X 30)      | 1300           | 1195        | 3000        | 75  | 24           | 35000      | 30      |
| 17              | 20500S | FO17/735/ECO (PK X 30)       | 1350           | 1195        | 3500        | 75  | 24           | 35000      | 30      |
| 17              | 20600S | F17T8 741/ECO (PK X 30)      | 1300           | 1195        | 4100        | 75  | 24           | 35000      | 30      |
| 17              | 20528S | FO17/830/ECO (PK X 30)       | 1350           | 1270        | 3000        | 82  | 24           | 36000      | 30      |
| 17              | 20538S | FO17/835/ECO (PK X 30)       | 1350           | 1270        | 3500        | 82  | 24           | 36000      | 30      |
| 25              | 45498S | FO25/730/ECO (PK X 30)       | 1950           | 1795        | 3000        | 75  | 36           | 35000      | 30      |
| 25              | 45496S | FO25/741/ECO (PK X 30)       | 1950           | 1795        | 4100        | 75  | 36           | 35000      | 30      |
| 25              | 45526S | FO25/830/ECO (PK X 30)       | 2150           | 2020        | 3000        | 82  | 36           | 36000      | 30      |
| 25              | 45532S | FO25/835/ECO (PK X 30)       | 2150           | 2020        | 3500        | 82  | 36           | 36000      | 30      |
| 32              | 46508S | FO32/735/ECO (PK X 30)       | 2800           | 2575        | 3500        | 78  | 48           | 35000      | 30      |
| 32              | 46518S | FO32/741/ECO (PK X 30)       | 2800           | 2575        | 4100        | 78  | 48           | 35000      | 30      |
| 32              | 46242S | FO32/750/ECO (PK X 30)       | 2650           | 2575        | 5000        | 78  | 48           | 35000      | 30      |
| 32              | 46578S | FO32/765/ECO (PK X 30)       | 2700           | 2430        | 6500        | 78  | 48           | 35000      | 30      |
| 32              | 46522S | FO32/830/ECO (PK X 30)       | 2950           | 2775        | 3000        | 85  | 48           | 36000      | 30      |
| 32              | 46536S | FO32/835/ECO (PK X 30)       | 2950           | 2775        | 3500        | 85  | 48           | 36000      | 30      |
| 32              | 46546S | FO32/841/ECO (PK X 30)       | 2950           | 2775        | 4100        | 85  | 48           | 36000      | 30      |
| 32              | 46823S | FO32/850/ECO (PK X 30)       | 2950           | 2775        | 5000        | 81  | 48           | 36000      | 30      |
| 40              | 47502S | FO40/735/ECO (PK X 30)       | 3500           | 3220        | 3500        | 75  | 60           | 35000      | 30      |
| 40              | 47503S | FO40/741/ECO (PK X 30)       | 3500           | 3220        | 4100        | 75  | 60           | 35000      | 30      |
| 40              | 47526S | F40T8 830/ECO (PK X 30)      | 3650           | 3430        | 3000        | 82  | 60           | 36000      | 30      |
| 40              | 47534S | F40T8 835/ECO (PK X 30)      | 3650           | 3430        | 3500        | 82  | 60           | 36000      | 30      |
| 58              | 85548S | F58T8 840/PLUS/ECO (PK X 25) | 5200           | 4785        | 4000        | 80  | 59           | 20000      | 25      |
| <b>GE</b>       |        |                              |                |             |             |     |              |            |         |
| 17              | 20502G | F17T8 SPX30/ECO (PK X 24)    | 1350           | 1280        | 3000        | 85  | 24           | 36000      | 24      |
| 25              | 45490G | F25T8 SPX30/ECO (PK X 24)    | 2150           | 2040        | 3000        | 85  | 36           | 36000      | 24      |
| 25              | 45491G | F25T8 SP35/ECO (PK X 24)     | 2080           | 1970        | 3500        | 78  | 36           | 36000      | 24      |
| 32              | 46278G | F32T8 SP41/ECO (PK X 36)     | 2450           | 2300        | 4100        | 78  | 48           | 36000      | 36      |
| 32              | 46006G | F32T8 SP65/ECO (PK X 36)     | 2450           | 2300        | 6500        | 73  | 48           | 36000      | 36      |
| 32              | 46237G | F32T8 SPX41/ECO2 (PK X 36)   | 2925           | 2770        | 4100        | 85  | 48           | 36000      | 36      |
| 32              | 46278G | F32T8 SP41/ECO (PK X 36)     | 2450           | 2300        | 4100        | 78  | 48           | 36000      | 36      |
| 32              | 46006G | F32T8 SP65/ECO (PK X 36)     | 2450           | 2300        | 6500        | 73  | 48           | 36000      | 36      |
| 32              | 46237G | F32T8 SPX41/ECO2 (PK X 36)   | 2925           | 2770        | 4100        | 85  | 48           | 36000      | 36      |

## Long Life T8 Fluorescent Lamps; Medium Bi-Pin (G13)

| Watts           | Part # | Description                          | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|--------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                      |                |             |             |     |              |            |         |
| 15              | 17300  | F15T8 CW/PLUS/24/ALTO (PK X 6)       | 1175           | 1035        | 4100        | 62  | 24           | 9000       | 6       |
| 25              | 45529  | F25T8 TL830/PLUS/ALTO (PK X 30)      | 2225           | 2115        | 3000        | 85  | 36           | 36000      | 30      |
| 25              | 45544  | F25T8 TL841/PLUS/ALTO (PK X 30)      | 2225           | 2115        | 4100        | 82  | 36           | 36000      | 30      |
| 32              | 46514  | F32T8 TL741/PLUS/ALTO (PK X 30)      | 2800           | 2660        | 4100        | 78  | 48           | 36000      | 30      |
| 32              | 46246  | F32T8 TL750/PLUS/ALTO (PK X 30)      | 2700           | 2550        | 5000        | 78  | 48           | 36000      | 30      |
| 32              | 46247  | F32T8 TL765/PLUS/ALTO (PK X 30)      | 2750           | 2610        | 6500        | 78  | 48           | 36000      | 30      |
| 32              | 46541  | F32T8 TL830/PLUS/ALTO (PK X 30)      | 2950           | 2800        | 3000        | 85  | 48           | 36000      | 30      |
| 32              | 46538  | F32T8 TL835/PLUS/ALTO (PK X 30)      | 2950           | 2800        | 3500        | 85  | 48           | 36000      | 30      |
| 32              | 46544  | F32T8 TL841/PLUS/ALTO (PK X 30)      | 2950           | 2800        | 4100        | 85  | 48           | 36000      | 30      |
| 32              | 46824  | F32T8 TL850/PLUS/ALTO (PK X 30)      | 2850           | 2710        | 5000        | 82  | 48           | 36000      | 30      |
| 32              | 46617  | F32T8 TL841/XLL/ALTO (PK X 30)       | 2950           | 2800        | 4100        | 82  | 48           | 46000      | 30      |
| 32              | 46825  | F32T8 TL850/XLL/ALTO (PK X 30)       | 2850           | 2710        | 5000        | 82  | 48           | 46000      | 30      |
| <b>Sylvania</b> |        |                                      |                |             |             |     |              |            |         |
| 17              | 20870S | FO17/830/XP/ECO (PK X 30)            | 1375           | 1305        | 3000        | 85  | 24           | 42000      | 30      |
| 17              | 20838S | FO17/835/XP/ECO (PK X 30)            | 1375           | 1305        | 3500        | 85  | 24           | 42000      | 30      |
| 17              | 20848S | FO17/841/XP/ECO (PK X 30)            | 1375           | 1305        | 4100        | 85  | 24           | 42000      | 30      |
| 17              | 20898S | FO17/850/XP/ECO (PK X 30)            | 1375           | 1305        | 5000        | 85  | 24           | 42000      | 30      |
| 17              | 20888S | FO17/865/XP/ECO (PK X 30)            | 1250           | 1188        | 6500        | 85  | 24           | 42000      | 30      |
| 17              | 20548S | F17T8 841/XPS/ECO (PK X 30)          | 1400           | 1330        | 4100        | 85  | 24           | 40000      | 30      |
| 25              | 45828S | FO25/830/XP/ECO (PK X 30)            | 2175           | 2065        | 3000        | 85  | 36           | 42000      | 30      |
| 25              | 45838S | FO25/835/XP/ECO (PK X 30)            | 2175           | 2065        | 3500        | 85  | 36           | 42000      | 30      |
| 25              | 45848S | FO25/841/XP/ECO (PK X 30)            | 2175           | 2065        | 4100        | 85  | 36           | 42000      | 30      |
| 25              | 45898S | FO25/850/XP/ECO (PK X 30)            | 2175           | 2065        | 5000        | 85  | 36           | 42000      | 30      |
| 25              | 45888S | F25T8 865/XP/ECO (PK X 30)           | 2000           | 1900        | 6500        | 85  | 36           | 42000      | 30      |
| 30              | 27527S | FO30/835/XP/SS/ECO (PK X 30)         | 2850           | 2710        | 3500        | 85  | 48           | 42000      | 30      |
| 30              | 27546S | FO30/841/XP/SS/ECO (PK X 30)         | 2850           | 2710        | 4100        | 85  | 48           | 42000      | 30      |
| 30              | 27898S | F30T8 850/XP/SS/ECO (PK X 30)        | 2800           | 2660        | 5000        | 85  | 48           | 42000      | 30      |
| 32              | 46493S | FO32/730/XP/ECO (PK X 30)            | 2850           | 2705        | 3000        | 78  | 48           | 42000      | 30      |
| 32              | 46503S | FO32/735/XP/ECO (PK X 30)            | 2850           | 2705        | 3500        | 78  | 48           | 42000      | 30      |
| 32              | 46878S | FO32/741/XP/ECO (PK X 30)            | 2850           | 2705        | 4100        | 78  | 48           | 42000      | 30      |
| 32              | 46523S | FO32/830/XP/ECO (PK X 30)            | 3000           | 2850        | 3000        | 85  | 48           | 42000      | 30      |
| 32              | 46188S | FO32/835/XP/ECO (PK X 30)            | 3000           | 2850        | 3500        | 85  | 48           | 42000      | 30      |
| 32              | 46466S | FO32/841/XP/ECO (PK X 30)            | 3000           | 2850        | 4100        | 85  | 48           | 42000      | 30      |
| 32              | 46828S | FO32/850/XP/ECO3 (PK X 30)           | 3000           | 2820        | 5000        | 85  | 48           | 42000      | 30      |
| 32              | 46829S | FO32/841/XP/XL/ECO3 (PK X 30)        | 2950           | 2830        | 4100        | 85  | 48           | 67000      | 30      |
| 32              | 46822S | FO32/850/XP/XL/ECO3 (PK X 30)        | 2950           | 2830        | 5000        | 81  | 48           | 67000      | 30      |
| 32              | 46888S | FO32/865/XP/ECO (PK X 30)            | 2850           | 2708        | 6500        | 85  | 48           | 42000      | 30      |
| 32              | 46827S | FO32T8 850/XP/ECO (HIGH TEMP)(PKX30) | 3000           | 2820        | 5000        | 85  | 48           | 42000      | 30      |
| 32              | 46547S | FO32/830/XPS/ECO (PK X 30)           | 3100           | 2945        | 3000        | 85  | 48           | 42000      | 30      |
| 32              | 46549S | FO32/835/XPS/ECO (PK X 30)           | 3100           | 2945        | 3500        | 85  | 48           | 42000      | 30      |
| 32              | 46548S | FO32/841/XPS/ECO (PK X 30)           | 3100           | 2945        | 4100        | 85  | 48           | 42000      | 30      |
| 32              | 46550S | FO32/850/XPS/ECO3 (PK X 30)          | 3100           | 2945        | 5000        | 81  | 48           | 42000      | 30      |
| 32              | 46551S | FO32/865/XPS/ECO (PK X 30)           | 3000           | 2850        | 6500        | 81  | 48           | 42000      | 30      |
| 25              | 46833S | FO32/25W/835/XP/XL/SS/ECO (PK X 30)  | 2400           | 2280        | 3500        | 85  | 48           | 62000      | 30      |
| 25              | 46832S | FO32/25W/841/XP/XL/SS/ECO (PK X 30)  | 2400           | 2280        | 4100        | 85  | 48           | 62000      | 30      |
| 40              | 47828S | FO40/830/XP/ECO (PK X 30)            | 3750           | 3560        | 3000        | 85  | 60           | 42000      | 30      |
| 40              | 47536S | FO40/835/XP/ECO (PK X 30)            | 3750           | 3560        | 3500        | 85  | 60           | 42000      | 30      |
| 40              | 47546S | FO40/841/XP/ECO (PK X 30)            | 3750           | 3560        | 4100        | 85  | 60           | 42000      | 30      |

## T8 Fluorescent Lamps; Single Pin (Fa8)

| Watts           | Part # | Description                     | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|---------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                 |                |             |             |     |              |            |         |
| 59              | 43528  | F96T8 TL830/PLUS/ALTO (PK X 25) | 5900           | 5490        | 3000        | 85  | 96           | 30000      | 25      |
| 59              | 43538  | F96T8 TL835/PLUS/ALTO (PK X 25) | 5900           | 5490        | 3500        | 85  | 96           | 30000      | 25      |
| 59              | 43546  | F96T8 TL841/PLUS/ALTO (PK X 25) | 5900           | 5490        | 4100        | 85  | 96           | 30000      | 25      |
| 59              | 43428  | F96T8 TL850/PLUS/ALTO (PK X 25) | 5780           | 5375        | 5000        | 82  | 96           | 30000      | 25      |
| <b>Sylvania</b> |        |                                 |                |             |             |     |              |            |         |
| 59              | 43498S | FO96/730/ECO (PK X 24)          | 5700           | 5130        | 3000        | 75  | 96           | 22500      | 24      |
| 59              | 43508S | FO96/735/ECO (PK X 24)          | 5700           | 5130        | 3500        | 75  | 96           | 22500      | 24      |
| 59              | 43518S | FO96/741/ECO (PK X 24)          | 5700           | 5130        | 4100        | 75  | 96           | 22500      | 24      |
| 59              | 43528S | FO96/830/ECO (PK X 24)          | 5900           | 5428        | 3000        | 82  | 96           | 24000      | 24      |
| 59              | 43538S | FO96/835/ECO (PK X 24)          | 5900           | 5428        | 3500        | 82  | 96           | 24000      | 24      |
| 59              | 43548S | FO96/841/ECO (PK X 24)          | 5900           | 5428        | 4100        | 82  | 96           | 24000      | 24      |
| 59              | 43240S | F96T8 850/ECO (PK X 24)         | 5900           | 5428        | 5000        | 80  | 96           | 24000      | 24      |
| 59              | 43828S | FO96/830/XP/ECO (PK X 24)       | 6100           | 5795        | 3000        | 85  | 96           | 36000      | 24      |
| 59              | 43848S | FO96/841/XP/ECO (PK X 24)       | 6100           | 5795        | 4100        | 85  | 96           | 36000      | 24      |
| 59              | 43248S | FO96/850/XP/ECO (PK X 24)       | 6100           | 5795        | 5000        | 85  | 96           | 36000      | 24      |

## High Output T8 Fluorescent Lamps; Recessed Double Contact (R17d)

| Watts           | Part # | Description                         | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|-------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                     |                |             |             |     |              |            |         |
| 44              | 83543  | F48T8 TL841/HO/ALTO/TSC (PK X 25)   | 4000           | 3600        | 4100        | 86  | 48           | 21000      | 25      |
| 86              | 68537  | F96T8 TL835/HO/PLUS/ALTO/TSC(PKX25) | 8200           | 7625        | 3500        | 85  | 96           | 30000      | 25      |
| 86              | 68547  | F96T8 TL841/HO/PLUS/ALTO/TSC(PKX25) | 8200           | 7625        | 4100        | 85  | 96           | 30000      | 25      |
| 86              | 68548  | F96T8 TL850/HO/PLUS/ALTO (PK X 25)  | 8100           | 7525        | 5000        | 85  | 96           | 30000      | 25      |
| <b>Sylvania</b> |        |                                     |                |             |             |     |              |            |         |
| 86              | 68508S | F96T8 735/HO/ECO/TSC (PK X 24)      | 8000           | 7520        | 3500        | 78  | 96           | 27000      | 24      |
| 86              | 43558S | F96T8 741/HO/ECO/TSC (PK X 24)      | 8000           | 7520        | 4100        | 78  | 96           | 27000      | 24      |
| 86              | 68518S | F96T8 841/HO/ECO/TSC (PK X 24)      | 8200           | 7710        | 4100        | 85  | 96           | 27000      | 24      |



## T12 Fluorescent Lamps; Medium Bi-Pin (G13)

| Watts           | Part # | Description                        | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                    |                |             |             |     |              |            |         |
| 14              | 16010  | F14T12 CW (PK X 30)                | 710            | 590         | 4100        | 62  | 15           | 11000      | 30      |
| 15              | 18010  | F15T12 CW (PK X 30)                | 800            | 695         | 4100        | 62  | 18           | 11000      | 30      |
| 20              | 23800  | F20T12 CW/ALTO (PK X 15)           | 1200           | 1050        | 4100        | 62  | 24           | 11000      | 15      |
| 20              | 23018  | F20T12 CW/ALTO (PK X 30)           | 1200           | 1050        | 4100        | 62  | 24           | 11000      | 30      |
| 20              | 23038  | F20T12 WW/ALTO (PK X 30)           | 1250           | 1100        | 3000        | 53  | 24           | 11000      | 30      |
| 20              | 23028  | F20T12 D/ALTO (PK X 30)            | 1075           | 960         | 6500        | 79  | 24           | 11000      | 30      |
| 25              | 26320  | F25T12 CW/28 (PK X 30)             | 1600           | 1280        | 4100        | 62  | 28           | 7500       | 30      |
| 25              | 28016  | F25T12 CW/ES/ALTO (PK X 30)        | 1950           | 1650        | 4100        | 62  | 36           | 18000      | 30      |
| 30              | 28018  | F30T12 CW/ALTO (PK X 30)           | 2250           | 1900        | 4100        | 62  | 36           | 21000      | 30      |
| 30              | 28028  | F30T12 D/ALTO (PK X 30)            | 1950           | 1700        | 6500        | 79  | 36           | 21000      | 30      |
| 30              | 28030  | F30T12 WW/RS/ALTO (PK X 30)        | 2300           | 1950        | 3000        | 53  | 36           | 21000      | 30      |
| 40              | 30028  | F40T12 DX/ALTO (PK X 30)           | 2325           | 2025        | 6500        | 84  | 48           | 24000      | 30      |
| 40              | 30082  | F40T12 NX/ALTO (PK X 30)           | 2550           | 2220        | 3500        | 88  | 48           | 24000      | 30      |
| 40              | 30083  | F40T12 CW SUPREME/ALTO (PK X 30)   | 2600           | 2250        | 4100        | 89  | 48           | 24000      | 30      |
| 40              | 30084  | F40T12 CW SUPREME/ALTO (PK X 6)    | 2600           | 2250        | 4100        | 89  | 48           | 24000      | 6       |
| 40              | 30085  | F40T12 CW SUPREME/PLUS/ALTO(PKX30) | 2550           | 2200        | 4100        | 89  | 48           | 30000      | 30      |
| 40              | 30151  | F40T12 C50 SUPREME/ALTO (PK X 30)  | 2545           | 2160        | 5000        | 90  | 48           | 24000      | 30      |
| <b>Sylvania</b> |        |                                    |                |             |             |     |              |            |         |
| 15              | 18011S | F15T12 WW (PK X 30)                | 770            | 670         | 3000        | 52  | 18           | 1000       | 30      |
| 20              | 23011S | F20T12 CW (PK X 30)                | 1200           | 1044        | 4200        | 60  | 24           | 11000      | 30      |
| 30              | 28520S | F30T12 D830 (PK X 30)              | 2290           | 2060        | 3000        | 80  | 36           | 21000      | 30      |
| 30              | 28014S | F30T12 CW (PK X 30)                | 2200           | 1870        | 4200        | 60  | 36           | 21000      | 30      |
| 34              | 30021S | F34/DX/SS (PK X 30)                | 1930           | 1565        | 6500        | 88  | 48           | 24000      | 30      |
| 40              | 30040S | F40/CWX (PK X 30)                  | 2150           | 1850        | 4100        | 87  | 48           | 28800      | 30      |
| 40              | 30150S | F40/DSGN50 (PK X 30)               | 2200           | 1890        | 5000        | 90  | 48           | 28800      | 30      |
| 40              | 30020S | F40/DX (PK X 30)                   | 2180           | 1770        | 6500        | 88  | 48           | 28800      | 30      |
| <b>GE</b>       |        |                                    |                |             |             |     |              |            |         |
| 30              | 28010G | F30T12 CW/ECO (PK X 24)            | 2200           | 1910        | 4100        | 60  | 36           | 18000      | 24      |
| 40              | 30160G | F40T12 C75 (PK X 30)               | 1950           | 1680        | 7500        | 92  | 48           | 20000      | 30      |

## T12 Fluorescent Lamps; Single Pin (Fa8)

| Watts           | Part # | Description                       | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|-----------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                   |                |             |             |     |              |            |         |
| 30              | 34016  | F48T12 CW/ES/ALTO (PK X 30)       | 2400           | 2150        | 4100        | 62  | 48           | 11000      | 30      |
| 39              | 34018  | F48T12 CW/ALTO (PK X 30)          | 2950           | 2600        | 4100        | 62  | 48           | 11000      | 30      |
| 39              | 34028  | F48T12 D/ALTO (PK X 30)           | 2500           | 2200        | 6500        | 79  | 48           | 11000      | 30      |
| 56              | 40018  | F72T12 CW/ALTO (PK X 15)          | 4450           | 3900        | 4100        | 62  | 72           | 14000      | 15      |
| 56              | 40028  | F72T12 D/ALTO (PK X 15)           | 3800           | 3350        | 6500        | 79  | 72           | 14000      | 15      |
| 75              | 40082  | F96T12 NX/ALTO (PK X 15)          | 5000           | 4250        | 3500        | 88  | 96           | 14000      | 15      |
| 75              | 40083  | F96T12 CW SUPREME/ALTO (PK X 15)  | 5000           | 4250        | 4100        | 89  | 96           | 14000      | 15      |
| 75              | 40084  | F96T12 CW SUPREME/ALTO (PK X 6)   | 5000           | 4250        | 4100        | 89  | 96           | 14000      | 6       |
| 75              | 44152  | F96T12 C50 SUPREME/ALTO (PK X 15) | 5000           | 4250        | 5000        | 90  | 96           | 14000      | 15      |
| 75              | 44026  | F96T12 DX/ALTO (PK X 15)          | 4775           | 4200        | 6500        | 84  | 96           | 14000      | 15      |
| <b>Sylvania</b> |        |                                   |                |             |             |     |              |            |         |
| 21              | 25011S | F24T12 CW (PK X 30)               | 1150           | 1000        | 4200        | 60  | 24           | 9000       | 30      |
| 50              | 35010S | F60T12 CW (PK X 30)               | 3700           | 3256        | 4200        | 60  | 60           | 14000      | 30      |
| 50              | 35016  | F60T12 CW/ALTO (PK X 15)          | 3310           | 3050        | 4100        | 82  | 60           | 14000      | 15      |
| 55              | 40210S | F72T12 D830 (PK X 15)             | 4800           | 4512        | 3000        | 80  | 72           | 14000      | 15      |
| 55              | 40261S | F72T12 D35 (PK X 15)              | 4700           | 4324        | 3500        | 70  | 72           | 14000      | 15      |
| 55              | 40010S | F72T12 CW (PK X 15)               | 4500           | 3960        | 4200        | 60  | 72           | 14000      | 15      |
| 70              | 41010S | F84T12 CW (PK X 15)               | 5300           | 4664        | 4200        | 60  | 84           | 14000      | 15      |
| 75              | 44040S | F96T12 CWX (PK X 15)              | 4400           | 3872        | 4100        | 87  | 96           | 14000      | 15      |
| 75              | 44150S | F96T12 DSGN50 (PK X 15)           | 4400           | 3872        | 5000        | 90  | 96           | 14000      | 15      |
| 75              | 44020S | F96T12 DX (PK X 15)               | 4360           | 3837        | 6500        | 88  | 96           | 14000      | 15      |
| 75              | 44280S | F96T12 D865 (PK X 15)             | 6000           | 5520        | 6500        | 80  | 96           | 14000      | 15      |
| <b>GE</b>       |        |                                   |                |             |             |     |              |            |         |
| 75              | 44150G | F96T12 C50 (PK X 15)              | 4600           | 4050        | 5000        | 90  | 96           | 12000      | 15      |

## T12 Fluorescent Lamps; Recessed Double Contact (R17d)

| Watts          | Part # | Description                       | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|----------------|--------|-----------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b> |        |                                   |                |             |             |     |              |            |         |
| 35             | 53013  | F24T12 CW/HO (PK X 30)            | 1650           | 1390        | 4100        | 62  | 24           | 11000      | 30      |
| 60             | 57017  | F48T12 CW/HO/ALTO/TSC (PK X 30)   | 4050           | 3500        | 4100        | 62  | 48           | 14000      | 30      |
| 60             | 57016  | F48T12 CW/HO/ALTO/R (PK X 30)     | 4050           | 3500        | 4100        | 62  | 48           | 14000      | 30      |
| 60             | 57026  | F48T12 D/HO/ALTO/R (PK X 30)      | 3400           | 3000        | 6500        | 79  | 48           | 14000      | 30      |
| 60             | 57027  | F48T12 D/HO/ALTO/TSC (PK X 30)    | 3400           | 3000        | 6500        | 79  | 48           | 14000      | 30      |
| 75             | 58013  | F60T12 CW/HO/ALTO/TSC (PK X 15)   | 4950           | 4500        | 4100        | 82  | 60           | 14000      | 15      |
| 75             | 58012  | F60T12 CW/HO/ALTO/R (PK X 15)     | 4945           | 4500        | 4100        | 82  | 60           | 14000      | 15      |
| 80             | 59012  | F64T12 CW/HO/R (PK X 15)          | 5600           | 4850        | 4100        | 62  | 64           | 14000      | 15      |
| 80             | 59013  | F64T12 CW/HO/TSC (PK X 15)        | 5600           | 4850        | 4100        | 62  | 64           | 14000      | 15      |
| 85             | 60017  | F72T12 CW/HO/ALTO/TSC (PK X 15)   | 6350           | 5500        | 4100        | 62  | 72           | 14000      | 15      |
| 85             | 60016  | F72T12 CW/HO/ALTO/R (PK X 15)     | 6350           | 5500        | 4100        | 62  | 72           | 14000      | 15      |
| 85             | 60027  | F72T12 D/HO/ALTO/TSC (PK X 15)    | 5600           | 4850        | 6500        | 79  | 72           | 14000      | 15      |
| 85             | 60026  | F72T12 D/HO/ALTO/R (PK X 15)      | 5600           | 4850        | 6500        | 79  | 72           | 14000      | 15      |
| 110            | 84562  | F96T12 CW/HO-0/ALTO/R (PK X 15)   | 8800           | 7650        | 4100        | 62  | 96           | 14000      | 15      |
| 110            | 84563  | F96T12 CW/HO-0/ALTO/TSC (PK X 15) | 8800           | 7650        | 4100        | 62  | 96           | 14000      | 15      |
| 110            | 84564  | F96T12 CW/HO-0/ALTO/R (PK X 6)    | 8800           | 7650        | 4100        | 62  | 96           | 14000      | 6       |

## T12 Fluorescent Lamps; Recessed Double Contact (F17d)

| Watts           | Part # | Description                         | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-----------------|--------|-------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| <b>Philips</b>  |        |                                     |                |             |             |     |              |            |         |
| 110             | 84565  | F96T12 CW/HO-O/ALTO/TSC (PK X 6)    | 8800           | 7650        | 4100        | 62  | 96           | 14000      | 6       |
| 110             | 62030  | F96T12 DX/HO/ALTO/R (PK X 15)       | 6750           | 5800        | 6500        | 82  | 96           | 14000      | 15      |
| 110             | 62031  | F96T12 DX/HO/ALTO/TSC (PK X 15)     | 6750           | 5800        | 6500        | 82  | 96           | 14000      | 15      |
| 110             | 76013  | F48T12 CW/VHO/TSC (PK X 15)         | 7050           | 4950        | 4100        | 62  | 48           | 14000      | 15      |
| 110             | 62027  | F96T12 D/HO/ALTO/TSC (PK X 15)      | 7800           | 6800        | 6500        | 79  | 96           | 14000      | 15      |
| 110             | 62026  | F96T12 D/HO/ALTO/R (PK X 15)        | 7800           | 6800        | 6500        | 79  | 96           | 14000      | 15      |
| 185             | 70015  | F96T12 CW/VHO/ES/TSC (PK X 15)      | 13000          | 9000        | 4100        | 62  | 96           | 14000      | 15      |
| 215             | 70013  | F96T12 CW/VHO/TSC (PK X 15)         | 15200          | 10700       | 4100        | 62  | 96           | 14000      | 15      |
| <b>Sylvania</b> |        |                                     |                |             |             |     |              |            |         |
| 60              | 57263S | F48T12 D35/HO/TSC (PK X 30)         | 4250           | 3825        | 3500        | 70  | 48           | 14000      | 30      |
| 60              | 57012S | F48T12 CW/HO/R (PK X 30)            | 4050           | 3281        | 4200        | 60  | 48           | 14000      | 30      |
| 60              | 57013S | F48T12 CW/HO/TSC (PK X 30)          | 4050           | 3281        | 4200        | 60  | 48           | 14000      | 30      |
| 60              | 57153S | F48T12 DSGN50/HO/TSC (PK X 30)      | 3050           | 2471        | 5000        | 90  | 48           | 14000      | 30      |
| 75              | 58017S | F60T12 CW/HO/JACKETED (PKX12)       | 5200           | 4212        | 4200        | 60  | 60           | 14000      | 12      |
| 75              | 58012S | F60T12 CW/HO/R (PK X 30)            | 5200           | 4212        | 4200        | 60  | 60           | 14000      | 30      |
| 80              | 59013S | F64T12 CW/HO/R (PK X 30)            | 5750           | 4658        | 4200        | 60  | 64           | 14000      | 30      |
| 80              | 59014S | F64T12 CW/HO/TSC (PK X 30)          | 5750           | 4658        | 4200        | 60  | 64           | 14000      | 30      |
| 85              | 40263S | F72T12 D35/HO/TSC (PK X 15)         | 6650           | 5985        | 3500        | 70  | 72           | 14000      | 15      |
| 95              | 62010S | F96T12 941/HO/SS/ECO/R (PK X 15)    | 8000           | 7600        | 4100        | 88  | 96           | 14000      | 15      |
| 95              | 62011S | F96T12 941/HO/SS/ECO/TSC (PK X 15)  | 8000           | 7600        | 4100        | 88  | 96           | 14000      | 15      |
| 110             | 62012S | F96T12 CW/HO/R (PK X 15)            | 8600           | 6966        | 4200        | 60  | 96           | 14000      | 15      |
| 110             | 62013S | F96T12 CW/HO/TSC (PK X 15)          | 8600           | 6966        | 4200        | 60  | 96           | 14000      | 15      |
| 110             | 62029S | F96T12 D/HO/O/TSC (PK X 15)         | 7600           | 6156        | 6500        | 76  | 96           | 14000      | 15      |
| 110             | 62153S | F96T12 DSGN50/HO/TSC (PKX15)        | 6450           | 5225        | 5000        | 90  | 96           | 14000      | 15      |
| 160             | 75014S | F72T12 CW/VHO/TSC (PK X 15)         | 10600          | 7420        | 4200        | 60  | 72           | 12000      | 15      |
| <b>GE</b>       |        |                                     |                |             |             |     |              |            |         |
| 110             | 62272G | F96T12 SP41/HO/R (PK X 15)          | 9200           | 8280        | 4100        | 72  | 96           | 12000      | 15      |
| 110             | 62273G | F96T12 SP41/HO/TSC (PK X 15)        | 9200           | 8280        | 4100        | 72  | 96           | 12000      | 15      |
| 110             | 62003G | F96T12 SP65/HO/TSC (PK X 15)        | 8900           | 8010        | 6500        | 75  | 96           | 12000      | 15      |
| 135             | 63133G | F60T10 CW/VHO/LT/TSC (PK X 24)      | 7000           | n/a         | 4100        | 60  | 60           | 7500       | 24      |
| 170             | 75567G | F72T12 CW/VHO/LT/JACKETED (PK X 12) | 10800          | n/a         | 4100        | 60  | 72           | 12000      | 12      |
| 220             | 70567G | F96T12 CW/VHO/LT/JACKETED (PK X 12) | 14400          | n/a         | 4100        | 60  | 96           | 12000      | 12      |

## U-Shaped Fluorescent Lamps T8-T12; Medium Bi-Pin (G13)

| Watts | Part # | Description                         | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-------|--------|-------------------------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| 32    | 78497  | FB32T8 TL735/6/ALTO (PK X 20)       | 2650           | 2370        | 3500        | 75  | 22.44        | 24000      | 20      |
| 32    | 78517  | FB32T8 TL741/6/ALTO (PK X 20)       | 2650           | 2370        | 4100        | 75  | 22.44        | 24000      | 20      |
| 25    | 78536  | FB32T8 ADV841/6/XEW/ALTO/25W(PKX20) | 2400           | 2330        | 4100        | 85  | 22.44        | 24000      | 20      |
| 40    | 81083  | FB40/CW SUPREME/6 (PK X 12)         | 2300           | 1955        | 4100        | 90  | 22.44        | 21000      | 12      |
| 40    | 81082  | FB40T12 NX/6 (PK X 12)              | 2300           | 1955        | 3500        | 90  | 22.44        | 21000      | 12      |

### Sylvania

|    |        |                                |      |      |      |    |      |       |    |
|----|--------|--------------------------------|------|------|------|----|------|-------|----|
| 32 | 78520S | FB32T8 750/ECO (PK X 16)       | 2625 | 2365 | 5000 | 75 | 22.5 | 24000 | 16 |
| 32 | 78539S | FB32T8 835/XP/6/ECO (PK X 16)  | 2900 | 2725 | 3500 | 85 | 22.5 | 28000 | 16 |
| 32 | 78658S | FB32T8 850/XP/6/ECO (PK X 16)  | 2980 | 2800 | 5000 | 85 | 22.5 | 28000 | 16 |
| 32 | 78648S | FB32T8/841/XP/6/ECO (PK X 16)  | 2900 | 2725 | 4100 | 85 | 22.5 | 28000 | 16 |
| 32 | 78500S | FBO32/735/6/ECO (PK X 16)      | 2750 | 2475 | 3500 | 75 | 22.5 | 24000 | 16 |
| 32 | 78510S | FBO32/741/6/ECO (PK X 16)      | 2750 | 2475 | 4100 | 75 | 22.5 | 24000 | 16 |
| 32 | 78528S | FBO32/830/6/ECO (PK X 16)      | 2850 | 2680 | 3000 | 82 | 22.5 | 24000 | 16 |
| 32 | 78538S | FBO32/835/6/ECO (PK X 16)      | 2850 | 2680 | 3500 | 82 | 22.5 | 24000 | 16 |
| 32 | 78548S | FBO32T8/841/6/ECO (PK X 16)    | 2850 | 2680 | 4100 | 82 | 22.5 | 24000 | 16 |
| 30 | 78846S | FB30T8/841/XP/ES/ECO (PK X 16) | 2800 | 2630 | 4100 | 85 | 22.5 | 28000 | 16 |
| 40 | 81040S | FB40/CWX/6 (PK X 12)           | 2100 | 1806 | 4100 | 87 | 22.5 | 21000 | 12 |

## Circuline Fluorescent Lamps; 4 Pin

| Watts | Part # | Description           | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Pack By |
|-------|--------|-----------------------|----------------|-------------|-------------|-----|--------------|------------|---------|
| 22    | 11000S | FC8T9/CW/RS (PK X 12) | 1050           | 914         | 4200        | 60  | 8.5          | 12000      | 12      |

## T5 Gold Lamps

| Watts | Part # | Description                 | Initial Lumens | Length (in.) | Life Hours | Base                | Pack By |
|-------|--------|-----------------------------|----------------|--------------|------------|---------------------|---------|
| 54    | 82528F | F54T5/HO/SRS/GOLD (PK X 25) | 4700           | 45.79        | 30000      | Medium Bi-Pin (G13) | 25      |

## T8 Gold Lamps

| Watts | Part # | Description                   | Initial Lumens | Length (in.) | Life Hours | Base                | Pack By |
|-------|--------|-------------------------------|----------------|--------------|------------|---------------------|---------|
| 17    | 20509G | F17T8 SRS/GOLD/ECO (PK X 24)  | 1350           | 24           | 30000      | Medium Bi-Pin (G13) | 24      |
| 25    | 45499S | F25T8/SRS/GOLD/ECO (PK X 30)  | 1950           | 36           | 30000      | Medium Bi-Pin (G13) | 30      |
| 25    | 45509G | F25T8 SRS/GOLD/ECO (PK X 24)  | 2150           | 36           | 30000      | Medium Bi-Pin (G13) | 24      |
| 25    | 45489  | F25T8 SRS/GOLD/ALTO (PK X 30) | 2150           | 36           | 36000      | Medium Bi-Pin (G13) | 30      |
| 25    | 45389  | F25T8 SRS/GOLD/41K (PK X 30)  | 2150           | 36           | 36000      | Medium Bi-Pin (G13) | 30      |
| 32    | 46499S | FO32T8/SRS/GOLD/ECO (PK X 30) | 2850           | 48           | 40000      | Medium Bi-Pin (G13) | 30      |
| 32    | 45479  | F32T8 SRS/GOLD/41K (PK X 30)  | 2950           | 48           | 36000      | Medium Bi-Pin (G13) | 30      |
| 32    | 46499  | F32T8 SRS/GOLD/ALTO (PK X 30) | 2600           | 48           | 36000      | Medium Bi-Pin (G13) | 30      |
| 59    | 43499S | F96T8 SRS/GOLD (PK X 24)      | 5700           | 96           | 15000      | Single Pin (Fa8)    | 24      |

## T12 Gold Lamps

| Watts | Part # | Description                          | Initial Lumens | Length (in.) | Life Hours | Base                           | Pack By |
|-------|--------|--------------------------------------|----------------|--------------|------------|--------------------------------|---------|
| 20    | 23017  | F20T12 SRS/GOLD/ALTO (PK X 30)       | 1250           | 24           | 9000       | Medium Bi-Pin (G13)            | 30      |
| 40    | 30261  | F40T12 SRS/GOLD/ALTO (PK X 30)       | 2550           | 48           | 20000      | Medium Bi-Pin (G13)            | 30      |
| 75    | 58019  | F60T12/SRS/GOLD/HO/ALTO (PK X 15)    | 4945           | 60           | 12000      | Recessed Double Contact (R17d) | 15      |
| 85    | 60019  | F72T12/SRS/GOLD/HO (PK X 15)         | 6350           | 72           | 12000      | Recessed Double Contact (R17d) | 15      |
| 110   | 84569  | F96T12/SRS/GOLD/HO-0/ALTO/TSC(PKX15) | 8800           | 96           | 12000      | Recessed Double Contact (R17d) | 15      |

## T5 Blacklight Lamps; Miniature Bi-Pin (G5)

| Watts | Part # | Description        | Length (in.) | Life Hours | Pack By |
|-------|--------|--------------------|--------------|------------|---------|
| 8     | 12090S | F8T5 BLB (PK X 24) | 12           | 7500       | 24      |

## T8 Blacklight Lamps; Medium Bi-Pin (G13)

| Watts | Part # | Description         | Length (in.) | Life Hours | Pack By |
|-------|--------|---------------------|--------------|------------|---------|
| 15    | 17191I | F15T8 BL (PK X 6)   | 18           | 10000      | 6       |
| 15    | 17202S | F15T8 BLB (PK X 6)  | 18           | 7500       | 6       |
| 15    | 17201I | F15T8 BLB (PK X 6)  | 18           | 10000      | 6       |
| 15    | 17192S | F15T8 BL (PK X 6)   | 18           | 7500       | 6       |
| 25    | 45192S | F25T8 BL (PK X 24)  | 18           | 7500       | 24      |
| 30    | 27191I | F30T8 BL (PK X 25)  | 36           | 7500       | 25      |
| 30    | 27192S | F30T8 BL (PK X 24)  | 36           | 7500       | 24      |
| 32    | 46491Q | F32T8 BLB (PK X 30) | 48           | 20000      | 30      |

## T12 Blacklight Lamps; Medium Bi-Pin (G13)

| Watts | Part # | Description                  | Length (in.) | Life Hours | Pack By |
|-------|--------|------------------------------|--------------|------------|---------|
| 20    | 23190G | F20T12 BL (PK X 15)          | 24           | 9000       | 15      |
| 20    | 23190S | F20T12 BL (PK X 15)          | 24           | 9000       | 15      |
| 20    | 23191I | F20T12 BL (PK X 15)          | 24           | 9000       | 15      |
| 20    | 23200G | F20T12 BLB (PK X 15)         | 24           | 9000       | 15      |
| 20    | 23201I | F20T12 BLB (PK X 15)         | 24           | 9000       | 15      |
| 22    | 18190S | F15T12 350BL (PK X 30)       | 15           | 7500       | 30      |
| 32    | 22190S | F18T12 350BL/700PH (PK X 30) | 18           | 7500       | 30      |
| 40    | 30190G | F40T12 BL (PK X 15)          | 48           | 20000      | 15      |
| 40    | 30190S | F40T12 BL (PK X 15)          | 48           | 20000      | 15      |
| 40    | 30191I | F40T12 BL (PK X 15)          | 48           | 20000      | 15      |
| 40    | 30200S | F40T12 BLB (PK X 15)         | 48           | 20000      | 15      |
| 40    | 30700S | F40T12 BLB (PK X 6)          | 48           | 20000      | 6       |
| 40    | 30791I | F40T12 BL (PK X 6)           | 48           | 20000      | 6       |
| 40    | 30202H | F40T12 BLB (PK X 15)         | 48           | 20000      | 15      |

## T5 Germicidal Lamps

| Watts | Part # | Description                   | Initial Lumens | Length (in.) | Life Hours | Base       | Pack By |
|-------|--------|-------------------------------|----------------|--------------|------------|------------|---------|
| 39    | 86912U | G36T5L/4P GERMICIDAL (PK X 2) | 33.3           | 115          | 9000       | 4 Pin      | 2       |
| 39    | 86911U | G36T5L GERMICIDAL (PK X 2)    | 33.3           | 115          | 9000       | Single Pin | 2       |

## T8 Germicidal Lamps

| Watts | Part # | Description               | Initial Lumens | Length (in.) | Life Hours | Base                | Pack By |
|-------|--------|---------------------------|----------------|--------------|------------|---------------------|---------|
| 15    | 86907U | G15T8 GERMICIDAL (PK X 2) | 17.34          | 55           | 8000       | Medium Bi-Pin (G13) | 2       |
| 25    | 86913U | G25T8 GERMICIDAL          | 17.16          | 46           | 8000       | Medium Bi-Pin (G13) | 2       |
| 30    | 86908U | G30T8 GERMICIDAL (PK X 2) | 35.5           | 99           | 8000       | Medium Bi-Pin (G13) | 2       |

# CFL Lamps

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**Applications:**  
Offices  
Schools  
Restaurants  
Medical Facilities  
Retail  
Hospitality  
General Lighting

## Shat-R-Shield CFLs: Compact In Size; Large In Safety Benefits.

Shat-R-Shield is continually on the search for the next best thing, so as incandescent bulbs slowly become a thing of the past, it only makes sense to consider these safety-coated Compact Fluorescent Lamps as a part of your future.

Shat-R-Shield's CFLs offer superior performance with longer life and lower wattages, resulting in lower utility costs, fewer relamping cycles and safety from the risks of broken glass. The non-yellowing silicone coating will safely contain virtually all glass, phosphors and mercury if the lamp is broken.

- Uses up to 75% less energy-- *saves you over \$55.00 in energy costs over the life of the lamp*
- Lifetime is 10 times longer-- *1 CFL has the lifespan of 10 incandescent lamps*
- Significantly less heat output

Available in a variety of shapes, sizes, wattages, Kelvin temperatures and even UV-blocking options, Shat-R-Shield's selection of Compact Fluorescent Lamps is sure to offer a solution for every application.

## CFL-S 2 Pin

| Watts | Part # | Description                | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base | Pack By |
|-------|--------|----------------------------|----------------|-------------|-----|--------------|----------------|------------|------|---------|
| 5     | 87600T | CFL-S 5W/827 (PK X 10)     | 250            | 2700        | 82  | 4.1          | 1.05           | 10000      | G23  | 10      |
| 7     | 87602T | CFL-S 7W/827 (PK X 10)     | 410            | 2700        | 82  | 5.25         | 1.25           | 10000      | G23  | 10      |
| 7     | 87603T | CFL-S 7W/835 (PK X 10)     | 410            | 3500        | 82  | 5.25         | 1.25           | 10000      | G23  | 10      |
| 7     | 87614T | CFL-S 7W/841 (PK X 10)     | 350            | 4100        | 82  | 5.5          | 1.38           | 10000      | G23  | 10      |
| 9     | 88716S | CFL DULUX S 9W78 (PK X 50) | n/a            | n/a         | n/a | 6.5          | 0.47           | 10000      | G23  | 50      |
| 9     | 87604T | CFL-S 9W/827 (PK X 10)     | 590            | 2700        | 82  | 6.63         | 1.38           | 10000      | G23  | 10      |
| 9     | 87605T | CFL-S 9W/835 (PK X 10)     | 590            | 3500        | 82  | 6.63         | 1.38           | 10000      | G23  | 10      |
| 9     | 87606T | CFL-S 9W/841 (PK X 10)     | 590            | 4100        | 82  | 6.63         | 1.38           | 10000      | G23  | 10      |
| 13    | 87607T | CFL-S 13W/827 (PK X 10)    | 800            | 2700        | 82  | 6.9          | 1.38           | 10000      | GX23 | 10      |
| 13    | 87608T | CFL-S 13W/830 (PK X 10)    | 800            | 3000        | 82  | 6.9          | 1.38           | 10000      | GX23 | 10      |
| 13    | 87613T | CFL-S 13W/835 (PK X 10)    | 800            | 3500        | 82  | 6.9          | 1.38           | 10000      | GX23 | 10      |
| 13    | 87609T | CFL-S 13W/841 (PK X 10)    | 800            | 4100        | 82  | 6.9          | 1.38           | 10000      | GX23 | 10      |

## CFL-D 2 Pin

| Watts | Part # | Description                | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base   | Pack By |
|-------|--------|----------------------------|----------------|-------------|-----|--------------|----------------|------------|--------|---------|
| 13    | 87620T | CFL-D 13W/827/2P (PK X 10) | 810            | 2700        | 82  | 5.15         | 1.35           | 10000      | GX23-2 | 10      |
| 13    | 87621T | CFL-D 13W/830/2P (PK X 10) | 810            | 3000        | 82  | 5.15         | 1.35           | 10000      | GX23-2 | 10      |
| 13    | 87622T | CFL-D 13W/835/2P (PK X 10) | 810            | 3500        | 82  | 5.15         | 1.35           | 10000      | GX23-2 | 10      |
| 13    | 87623T | CFL-D 13W/841/2P (PK X 10) | 810            | 4100        | 82  | 5.15         | 1.35           | 10000      | GX23-2 | 10      |
| 18    | 87628T | CFL-D 18W/827/2P (PK X 10) | 1150           | 2700        | 82  | 6            | 1.4            | 10000      | G24d-2 | 10      |
| 18    | 87629T | CFL-D 18W/835/2P (PK X 10) | 1150           | 3500        | 82  | 6            | 1.4            | 10000      | G24d-2 | 10      |
| 18    | 87641T | CFL-D 18W/841/2P (PK X 10) | 1150           | 4100        | 82  | 6            | 1.4            | 10000      | G24d-2 | 10      |
| 26    | 87625T | CFL-D 26W/827/2P (PK X 10) | 1700           | 2700        | 82  | 6.6          | 1.5            | 10000      | G24d-3 | 10      |
| 26    | 87626T | CFL-D 26W/835/2P (PK X 10) | 1700           | 3500        | 82  | 6.6          | 1.5            | 10000      | G24d-3 | 10      |
| 26    | 87627T | CFL-D 26W/841/2P (PK X 10) | 1700           | 4100        | 82  | 6.6          | 1.5            | 10000      | G24d-3 | 10      |
| 26    | 87643  | CFL-C 26W/841/2P (PK X 10) | 1800           | 4100        | 82  | 6.7          | 1.1            | 10000      | G24d-3 | 10      |

## CFL-D 4 Pin

| Watts | Part # | Description                | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base   | Pack By |
|-------|--------|----------------------------|----------------|-------------|-----|--------------|----------------|------------|--------|---------|
| 13    | 87630T | CFL-D 13W/827/4P (PK X 10) | 900            | 2700        | 82  | 4.2          | 1.8            | 10000      | G24q-1 | 10      |
| 13    | 87631T | CFL-D 13W/835/4P (PK X 10) | 900            | 3500        | 82  | 4.2          | 1.8            | 10000      | G24q-1 | 10      |
| 13    | 87632T | CFL-D 13W/841/4P (PK X 10) | 900            | 4100        | 82  | 4.2          | 1.8            | 10000      | G24q-1 | 10      |
| 18    | 87633T | CFL-D 18W/827/4P (PK X 10) | 1150           | 2700        | 82  | 4.4          | 1.8            | 10000      | G24q-2 | 10      |
| 18    | 87634T | CFL-D 18W/830/4P (PK X 10) | 1150           | 3000        | 82  | 4.4          | 1.8            | 10000      | G24q-2 | 10      |
| 18    | 87635T | CFL-D 18W/835/4P (PK X 10) | 1150           | 3500        | 82  | 4.4          | 1.8            | 10000      | G24q-2 | 10      |
| 18    | 87636T | CFL-D 18W/841/4P (PK X 10) | 1150           | 4100        | 82  | 4.4          | 1.8            | 10000      | G24q-2 | 10      |
| 24    | 87642  | CFL-C 26W/841/4P (PK X 10) | 1800           | 4100        | 82  | 6.5          | 1.1            | 10000      | G24q-3 | 10      |
| 26    | 87638T | CFL-D 26W/830/4P (PK X 10) | 1700           | 3000        | 82  | 4.8          | 1.8            | 10000      | G24q-3 | 10      |
| 26    | 87639T | CFL-D 26W/835/4P (PK X 10) | 1700           | 3500        | 82  | 4.8          | 1.8            | 10000      | G24q-3 | 10      |
| 26    | 87640T | CFL-D 26W/841/4P (PK X 10) | 1700           | 4100        | 82  | 4.8          | 1.8            | 10000      | G24q-3 | 10      |
| 26    | 87637T | CFL-D 26W/827/4P (PK X 10) | 1700           | 5000        | 82  | 4.8          | 1.8            | 10000      | G24q-3 | 10      |



## CFL-T

| Watts | Part # | Description                       | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base    | Pack By |
|-------|--------|-----------------------------------|----------------|-------------|-----|--------------|----------------|------------|---------|---------|
| 18    | 87665T | CFL-T 18W/827 (PK X 10)           | 1150           | 2700        | 82  | 4.4          | 1.8            | 10000      | GX24q-2 | 10      |
| 18    | 87658T | CFL-T 18W/830 (PK X 10)           | 1150           | 3000        | 82  | 4.4          | 1.8            | 10000      | GX24q-2 | 10      |
| 18    | 87660T | CFL-T 18W/835 (PK X 10)           | 1150           | 3500        | 82  | 4.4          | 1.8            | 10000      | GX24q-2 | 10      |
| 18    | 87659T | CFL-T 18W/841 (PK X 10)           | 1150           | 4100        | 82  | 4.4          | 1.8            | 10000      | GX24q-2 | 10      |
| 26    | 87661T | CFL-T 26W/827 (PK X 10)           | 1700           | 2700        | 82  | 4.8          | 1.8            | 10000      | G24q-3  | 10      |
| 26    | 87662T | CFL-T 26W/830 (PK X 10)           | 1700           | 3000        | 82  | 4.8          | 1.8            | 10000      | G24q-3  | 10      |
| 26    | 87618T | CFL-T 26W/830/UV BLOCK (PK X 10)  | 1700           | 3000        | 82  | 4.8          | 1.8            | 10000      | G24q-3  | 10      |
| 26    | 87663T | CFL-T 26W/835 (PK X 10)           | 1700           | 3500        | 82  | 4.8          | 1.8            | 10000      | G24q-3  | 10      |
| 26    | 87664T | CFL-T 26W/841 (PK X 10)           | 1700           | 4100        | 82  | 4.8          | 1.8            | 10000      | G24q-3  | 10      |
| 26    | 87681T | CFL-T 26W/841 VITROGUARD(PK X 10) | 1700           | 4100        | 82  | 4.8          | 1.8            | 10000      | GX24q-3 | 10      |
| 32    | 87666T | CFL-T 32W/827 (PK X 10)           | 2000           | 2700        | 82  | 5.5          | 1.8            | 10000      | GX24q-3 | 10      |
| 32    | 87667T | CFL-T 32W/830 (PK X 10)           | 2000           | 3000        | 82  | 5.5          | 1.8            | 10000      | GX24q-3 | 10      |
| 32    | 87668T | CFL-T 32W/835 (PK X 10)           | 2000           | 3500        | 82  | 5.5          | 1.8            | 10000      | GX24q-3 | 10      |
| 32    | 87669T | CFL-T 32W/841 (PK X 10)           | 2000           | 4100        | 82  | 5.5          | 1.8            | 10000      | GX24q-3 | 10      |
| 42    | 87672T | CFL-T 42W/830 (PK X 10)           | 2600           | 3000        | 82  | 6.3          | 1.8            | 10000      | GX24q-4 | 10      |
| 42    | 87670T | CFL-T 42W/835 (PK X 10)           | 2600           | 3500        | 82  | 6.3          | 1.8            | 10000      | GX24q-4 | 10      |
| 42    | 87671T | CFL-T 42W/841 (PK X 10)           | 2600           | 4100        | 82  | 6.3          | 1.8            | 10000      | GX24q-4 | 10      |
| 57    | 87675S | CFL-T 57W/841/ECO (PK X 50)       | 4100           | 4100        | 82  | 7.8          | 1.8            | 12000      | GX24Q-5 | 50      |
| 70    | 88797G | CFL-Q70BX/841/ECO (PK X 10)       | 5200           | 4100        | 82  | 8.2          | 1.8            | 12000      | GX24-q6 | 10      |

## CFL-PL-L 4 Pin

| Watts | Part # | Description                      | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base | Pack By |
|-------|--------|----------------------------------|----------------|-------------|-----|--------------|----------------|------------|------|---------|
| 24    | 88829S | CFL-L 24W/DL/841/ECO (PK X 10)   | 1800           | 4100        | 82  | 12.9         | n/a            | 12000      | 2G11 | 10      |
| 24    | 88828S | CFL-L 24W/DL/835/ECO (PK X 10)   | 1800           | 3500        | 82  | 12.9         | n/a            | 12000      | 2G11 | 10      |
| 36    | 88836S | CFL-L 36W/DL/835/ECO (PK X 10)   | 2900           | 3500        | 82  | 16.6         | n/a            | 12000      | 2G11 | 10      |
| 40    | 88830  | CFL-L 40W/835/4P/RS/IS (PK X 25) | 3300           | 3500        | 82  | 22.5         | n/a            | 20000      | 2G11 | 25      |
| 40    | 88832  | CFL-L 40W/841/4P/RS/IS (PKX25)   | 3300           | 4100        | 82  | 22.5         | n/a            | 20000      | 2G11 | 25      |

## CFL-PL

| Watts | Part # | Description                     | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base    | Pack By |
|-------|--------|---------------------------------|----------------|-------------|-----|--------------|----------------|------------|---------|---------|
| 13    | 87620T | CFL-D 13W/827/2P (PK X 10)      | 810            | 2700        | 82  | 4.6          | 1.4            | 10000      | GX23-2  | 10      |
| 13    | 87621T | CFL-D 13W/830/2P (PK X 10)      | 810            | 3000        | 82  | 4.6          | 1.4            | 10000      | GX23-2  | 10      |
| 13    | 87622T | CFL-D 13W/835/2P (PK X 10)      | 810            | 3500        | 82  | 4.6          | 1.4            | 10000      | GX23-2  | 10      |
| 13    | 87623T | CFL-D 13W/841/2P (PK X 10)      | 810            | 4100        | 82  | 4.6          | 1.4            | 10000      | GX23-2  | 10      |
| 13    | 87617T | CFL-S 13W/850 (PK X 25)         | 800            | 5000        | 82  | 6.88         | 1.25           | 10000      | GX23    | 25      |
| 22    | 87677  | CFL-C 15MM/22W/827/2P (PK X 12) | 1200           | 2700        | 82  | 6            | n/a            | 10000      | GX32d-2 | 12      |
| 28    | 87679  | CFL-C 15MM/28W/827/2P (PK X 40) | 1600           | 2700        | 82  | 6.8          | n/a            | 10000      | GX32d-3 | 40      |

## CFL-SLS

| Watts | Part # | Description                   | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base         | Pack By |
|-------|--------|-------------------------------|----------------|-------------|-----|--------------|----------------|------------|--------------|---------|
| 14    | 87612  | CFL-SLS 14W/27K/ALTO (PK X 6) | 860            | 2700        | 82  | 4.94         | n/a            | 12000      | Medium (E26) | 6       |
| 20    | 87610  | CFL-SLS 20W/27k/ALTO (PK X 6) | 1200           | 2700        | 82  | 5.6          | 2.2            | 15000      | Medium (E26) | 6       |
| 25    | 87611  | CFL-SLS 25W/27K/ALTO (PK X 6) | 1750           | 2700        | 82  | 6.4          | n/a            | 15000      | Medium (E26) | 6       |

## CFL-EL/Twist Medium Base

| Watts | Part # | Description                          | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base         | Pack By |
|-------|--------|--------------------------------------|----------------|-------------|-----|--------------|----------------|------------|--------------|---------|
| 4     | 87649T | CFL 4W/MINI TWIST/27K (PK X 10)      | 250            | 2700        | 82  | 3.5          | 1.2            | 8000       | Medium (E26) | 10      |
| 4     | 87690T | CFL 4W/MINI UVB TWIST/27K (PK X 10)  | 250            | 2700        | 82  | 3.5          | 1.2            | 8000       | Medium (E26) | 10      |
| 9     | 88231T | CFL 9W/R20/2700K (PK X 6)            | 550            | 2700        | 82  | 5.88         | 2.75           | 8000       | Medium (E26) | 6       |
| 9     | 87616T | CFL-9W/TWIST/27K (PK X 6)            | 550            | 2700        | 82  | 4            | 1.8            | 10000      | Medium (E26) | 6       |
| 9     | 87615T | CFL-9W/TWIST/5K (PK X 12)            | 500            | 5000        | 82  | 4            | 1.8            | 10000      | Medium (E26) | 12      |
| 11    | 88300G | CFL-FLE11/2/R20/XL/827 (PK X 10)     | 400            | 2700        | 82  | 4.7          | 2.5            | 10000      | Medium (E26) | 10      |
| 14    | 87651T | CFL 14W/MINI TWIST/27K (PK X 10)     | 900            | 2700        | 82  | 4.4          | 1.8            | 10000      | Medium (E26) | 10      |
| 14    | 87691T | CFL 14W/MINI/UVB TWIST/27K (PKX10)   | 900            | 2700        | 82  | 4.4          | 1.8            | 10000      | Medium (E26) | 10      |
| 14    | 87650T | CFL-EL 14W/MINI TWIST/35K (PK X 10)  | 900            | 3500        | 82  | 4.4          | 1.8            | 10000      | Medium (E26) | 10      |
| 14    | 87652T | CFL 14W/MINI TWIST/50K (PK X 10)     | 850            | 5000        | 82  | 4.4          | 1.8            | 10000      | Medium (E26) | 10      |
| 14    | 88826T | CFL-14W/A/2700K (PK X 12)            | 800            | 2700        | 82  | 4.88         | 2.63           | 8000       | Medium (E26) | 12      |
| 14    | 88298T | CFL 14W/R20 (PK X 12)                | 500            | 2700        | 82  | 4.3          | 2.5            | 8000       | Medium (E26) | 12      |
| 14    | 88299T | CFL-14W/R30/2700K (PK X 12)          | 650            | 2700        | 82  | 5.4          | 3.7            | 8000       | Medium (E26) | 12      |
| 14    | 88709T | CFL 14W/G25/2700K (PK X 6)           | 800            | 2700        | 82  | 4.4          | 3.1            | 8000       | Medium (E26) | 6       |
| 14    | 88301T | CFL-14W/R30/35K (PK X 12)            | 650            | 3500        | 82  | 5.4          | 3.7            | 8000       | Medium (E26) | 12      |
| 14    | 88827T | CFL-14W/A/5100K (PK X 12)            | 800            | 5100        | 82  | 4.4          | 2.4            | 8000       | Medium (E26) | 12      |
| 15    | 88713S | CFL-15W/EL/BR30/DIM/827 (PK X 6)     | 700            | 2700        | 82  | 5.5          | 3.75           | 8000       | Medium (E26) | 6       |
| 16    | 88230T | CFL-16W/R30/3100K (PK X 12)          | 750            | 3100        | 82  | 5.7          | 3.7            | 10000      | Medium (E26) | 12      |
| 19    | 87653T | CFL 19W/MINI TWIST/27K (PK X 10)     | 1225           | 2700        | 82  | 4.4          | 2.3            | 10000      | Medium (E26) | 10      |
| 19    | 87692T | CFL 19W/MINI/UVB TWIST/27K(PK X 10)  | 1225           | 2700        | 82  | 4.4          | 2.3            | 10000      | Medium (E26) | 10      |
| 20    | 87648H | CFL 20W/MINI TWIST/27K (PK X 10)     | 1250           | 2700        | 82  | 5.25         | 2.13           | 12000      | Medium (E26) | 10      |
| 23    | 87654T | CFL 23W/MINI TWIST/27K (PK X 10)     | 1600           | 2700        | 82  | 4.8          | 2.3            | 10000      | Medium (E26) | 10      |
| 23    | 88623S | CFL-EL 23W/827/MICRO TWIST (PK X 12) | 1640           | 2700        | 82  | 4.45         | 2.05           | 12000      | Medium (E26) | 12      |
| 23    | 88708T | CFL 23W/G40/27K (PK X 6)             | 1300           | 2700        | 82  | 6.8          | 5.25           | 8000       | Medium (E26) | 6       |
| 23    | 88710T | CFL-23W/PAR38/FL/27K (PK X 12)       | 1200           | 2700        | 82  | 7            | 5.25           | 8000       | Medium (E26) | 12      |
| 23    | 87693T | CFL 23W/MINI/UVB TWIST/27K (PKX10)   | 1600           | 2700        | 82  | 4.8          | 2.3            | 10000      | Medium (E26) | 10      |
| 23    | 87655T | CFL 23W/MINI TWIST/5000K (PK X 10)   | 1500           | 5000        | 82  | 4.8          | 2.3            | 10000      | Medium (E26) | 10      |
| 23    | 88712T | CFL 23W/R40/65K (PK X 12)            | 1150           | 6500        | 82  | 6.2          | 4.7            | 8000       | Medium (E26) | 12      |
| 26    | 88297G | CFL-FLE26/2/R40/XL/827 (PK X 6)      | 1300           | 2700        | 82  | 6.5          | 5              | 10000      | Medium (E26) | 6       |
| 26    | 88302G | CFL-FLE26W/HT3/2/827 (PK X 10)       | 1750           | 2700        | 82  | 5.2          | n/a            | 8000       | Medium (E26) | 10      |
| 27    | 87657T | CFL-TWIST/27W/827 (PK X 6)           | 1400           | 2700        | 90  | 5.5          | 2.4            | 12000      | Medium (E26) | 6       |
| 32    | 87673T | CFL-TWIST/32W/2700K (PK X 12)        | 2100           | 2700        | 82  | 6            | 2.8            | 12000      | Medium (E26) | 12      |
| 32    | 87682T | CFL-TWIST/32W/5000K (PK X 12)        | 2000           | 5000        | 82  | 6            | 2.8            | 12000      | Medium (E26) | 12      |
| 42    | 87674T | CFL-TWIST/42W/2700K (PK X 12)        | 2750           | 4100        | 82  | 7            | 2.8            | 12000      | Medium (E26) | 12      |
| 55    | 87676L | CFL 55W/SPRIAL/5000K (PK X 20)       | 3500           | 5000        | 84  | 8.4          | 3.5            | 10000      | Medium (E26) | 20      |
| 68    | 88689T | CFL 68W/TWIST/2700K (PK X 6)         | 4200           | 2700        | 82  | 10.75        | 4.38           | 10000      | Medium (E26) | 6       |

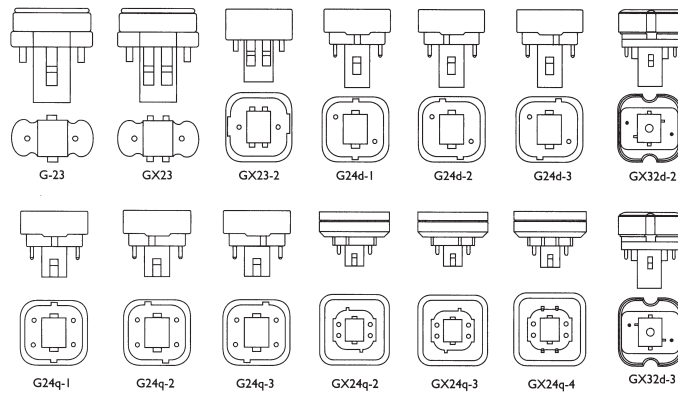
## CFL-EL/Twist GU-24

| Watts | Part # | Description                      | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base | Pack By |
|-------|--------|----------------------------------|----------------|-------------|-----|--------------|----------------|------------|------|---------|
| 13    | 87678T | CFL 13W/GU24/TWIST/27K (PK X 12) | 900            | 2700        | 82  | 3.6          | 1.8            | 10000      | GU24 | 12      |
| 27    | 87647T | CFL 27W/GU24/TWIST/41K (PK X 12) | 1850           | 4100        | 82  | 4.8          | 2.4            | 10000      | GU24 | 12      |
| 27    | 87645T | CFL 27W/GU24/TWIST/30K (PK X 12) | 1850           | 3000        | 82  | 4.8          | 2.4            | 10000      | GU24 | 12      |

## CFL- Hi-Lumen Mogul Base

| Watts | Part # | Description                  | Initial Lumens | Kelvin Temp | CRI | Length (in.) | Diameter (in.) | Life Hours | Base  | Pack By |
|-------|--------|------------------------------|----------------|-------------|-----|--------------|----------------|------------|-------|---------|
| 150   | 87680M | CFL-SKO150/EA250/BU (PK X 6) | 9200           | 5000        | 84  | 12.5         | 5              | 10000      | Mogul | 6       |

## Compact Fluorescent Base Types; Cross Reference Chart



|   | Shat-R-Shield         | Philips               | Osram/Syl         | GE                | Generic         |
|---|-----------------------|-----------------------|-------------------|-------------------|-----------------|
| <b>COMPACT FLUORESCENT LAMPS (PIN TYPE) - CROSS REFERENCE GUIDE</b> | CFL-S/5W/827          | PL-S 5W/827           | CF5DS/827         | F5BX/SPX27        | CFT5W/G23/827   |
|   | CFL-S/7W/827          | PL-S 7W/827           | CF7DS/827         | F7BX/SPX27        | CFT7W/G23/827   |
|   | CFL-S/7W/835          | PL-S 7W/835           | CF7DS/835         | F7BX/SPX35        | CFT7W/G23/835   |
|   | CFL-S/7W/841          | PL-S 7W/841           | CF7DS/841         | F7BX/SPX41        | CFT7W/G23/841   |
|   | CFL-S/7W/850          | PL-S 7W/850           | CF7DS/850         | F7BX/SPX50        | CFT7W/G23/850   |
|   | CFL-S/9W/827          | PL-S 9W/827           | CF9DS/827         | F9BX/SPX27        | CFT9W/G23/827   |
|   | CFL-S/9W/835          | PL-S 9W/835           | CF9DS/835         | F9BX/SPX35        | CFT9W/G23/835   |
|   | CFL-S/9W/841          | PL-S 9W/841           | CF9DS/841         | F9BX/SPX41        | CFT9W/G23/841   |
|   | CFL-S/9W/850          | PL-S 9W/850           | CF9DS/850         | F9BX/SPX50        | CFT9W/G23/850   |
|   | CFL-S/13W/827         | PL-S 13W/827          | CF13DS/827        | F13BX/SPX27       | CFT13W/GX23/827 |
|   | CFL-S/13W/830         | PL-S 13W/830          | CF13DS/830        | F13BX/SPX30       | CFT13W/GX23/830 |
|   | CFL-S/13W/835         | PL-S 13W/835          | CF13DS/835        | F13BX/SPX35       | CFT13W/GX23/835 |
|   | CFL-S/13W/841         | PL-S 13W/841          | CF13DS/841        | F13BX/SPX41       | CFT13W/GX23/841 |
|   | CFL-S/13W/850         | PL-S 13W/850          | CF13DS/850        | F13BX/SPX50       | CFT13W/GX23/850 |
|   | CFL-D/13W/827/2P/ALTO | PL-C 13W/827/USA/ALTO | CF13DD/827        | F13DBX23T4/SPX27  | CFQ13W/GX23/827 |
| CFL-D/13W/830/2P/ALTO   | PL-C 13W/830/USA/ALTO | CF13DD/830            | F13DBX23T4/SPX30  | CFQ13W/GX23/830   |                 |
| CFL-D/13W/835/2P/ALTO   | PL-C 13W/835/USA/ALTO | CF13DD/835            | F13DBX23T4/SPX35  | CFQ13W/GX23/835   |                 |
| CFL-D/13W/841/2P/ALTO   | PL-C 13W/841/USA/ALTO | CF13DD/841            | F13DBX23T4/SPX41  | CFQ13W/GX23/841   |                 |
| CFL-D/18W/827/2P/ALTO   | PL-C 18W/827/ALTO     | CF18DD/827            | F18DBXT4/SPX27    | CFQ18W/G24d/827   |                 |
| CFL-D/18W/830/2P/ALTO   | PL-C 18W/830/ALTO     | CF18DD/830            | F18DBXT4/SPX30    | CFQ18W/G24d/830   |                 |
| CFL-D/18W/835/2P/ALTO   | PL-C 18W/835/ALTO     | CF18DD/835            | F18DBXT4/SPX35    | CFQ18W/G24d/835   |                 |
| CFL-D/18W/841/2P/ALTO   | PL-C 18W/841/ALTO     | CF18DD/841            | F18DBXT4/SPX41    | CFQ18W/G24d/841   |                 |
| CFL-D/26W/827/2P/ALTO   | PL-C 26W/827/ALTO     | CF26DD/827            | F26DBXT4/SPX27    | CFQ26W/G24d/827   |                 |
| CFL-D/26W/830/2P/ALTO   | PL-C 26W/830/ALTO     | CF26DD/830            | F26DBXT4/SPX30    | CFQ26W/G24d/830   |                 |
| CFL-D/26W/835/2P/ALTO   | PL-C 26W/835/ALTO     | CF26DD/835            | F26DBXT4/SPX35    | CFQ26W/G24d/835   |                 |
| CFL-D/26W/841/2P/ALTO   | PL-C 26W/841/ALTO     | CF26DD/841            | F26DBXT4/SPX41    | CFQ26W/G24d/841   |                 |
| CFL-D/13W/827/4P/ALTO   | PL-C 13W/827/4P/ALTO  | CF13DD/E/827          | F13DBX/SPX27/4P   | CFQ13W/G24q/827   |                 |
| CFL-D/13W/830/4P/ALTO   | PL-C 13W/830/4P/ALTO  | CF13DD/E/830          | F13DBX/SPX30/4P   | CFQ13W/G24q/830   |                 |
| CFL-D/13W/835/4P/ALTO   | PL-C 13W/835/4P/ALTO  | CF13DD/E/835          | F13DBX/SPX35/4P   | CFQ13W/G24q/835   |                 |
| CFL-D/13W/841/4P/ALTO   | PL-C 13W/841/4P/ALTO  | CF13DD/E/841          | F13DBX/SPX41/4P   | CFQ13W/G24q/841   |                 |
| CFL-D/18W/827/4P/ALTO   | PL-C 18W/827/4P/ALTO  | CF18DD/E/827          | F18DBX/SPX27/4P   | CFQ18W/G24q/827   |                 |
| CFL-D/18W/830/4P/ALTO   | PL-C 18W/830/4P/ALTO  | CF18DD/E/830          | F18DBX/SPX30/4P   | CFQ18W/G24q/830   |                 |
| CFL-D/18W/835/4P/ALTO   | PL-C 18W/835/4P/ALTO  | CF18DD/E/835          | F18DBX/SPX35/4P   | CFQ18W/G24q/835   |                 |
| CFL-D/18W/841/4P/ALTO   | PL-C 18W/841/4P/ALTO  | CF18DD/E/841          | F18DBX/SPX41/4P   | CFQ18W/G24q/841   |                 |
| CFL-D/26W/827/4P/ALTO   | PL-C 26W/827/4P/ALTO  | CF26DD/E/827          | F26DBX/SPX27/4P   | CFQ26W/G24q/827   |                 |
| CFL-D/26W/830/4P/ALTO   | PL-C 26W/830/4P/ALTO  | CF26DD/E/830          | F26DBX/SPX30/4P   | CFQ26W/G24q/830   |                 |
| CFL-D/26W/835/4P/ALTO   | PL-C 26W/835/4P/ALTO  | CF26DD/E/835          | F26DBX/SPX35/4P   | CFQ26W/G24q/835   |                 |
| CFL-D/26W/841/4P/ALTO   | PL-C 26W/841/4P/ALTO  | CF26DD/E/841          | F26DBX/SPX41/4P   | CFQ26W/G24q/841   |                 |
| CFL-T/18W/827/ALTO  | PL-T 18W/827/4P/ALTO  | CF18DT/E/IN/827       | F18TBX/SPX27/A/4P | CFTR18W/GX24q/827 |                 |
| CFL-T/18W/830/ALTO  | PL-T 18W/830/4P/ALTO  | CF18DT/E/IN/830       | F18TBX/SPX30/A/4P | CFTR18W/GX24q/830 |                 |
| CFL-T/18W/835/ALTO  | PL-T 18W/835/4P/ALTO  | CF18DT/E/IN/835       | F18TBX/SPX35/A/4P | CFTR18W/GX24q/835 |                 |
| CFL-T/18W/841/ALTO  | PL-T 18W/841/4P/ALTO  | CF18DT/E/IN/841       | F18TBX/SPX41/A/4P | CFTR18W/GX24q/841 |                 |
| CFL-T/26W/827/ALTO  | PL-T 26W/827/4P/ALTO  | CF26DT/E/IN/827       | F26TBX/SPX27/A/4P | CFTR26W/GX24q/827 |                 |
| CFL-T/26W/830/ALTO  | PL-T 26W/830/4P/ALTO  | CF26DT/E/IN/830       | F26TBX/SPX30/A/4P | CFTR26W/GX24q/830 |                 |
| CFL-T/26W/835/ALTO  | PL-T 26W/835/4P/ALTO  | CF26DT/E/IN/835       | F26TBX/SPX35/A/4P | CFTR26W/GX24q/835 |                 |
| CFL-T/26W/841/ALTO  | PL-T 26W/841/4P/ALTO  | CF26DT/E/IN/841       | F26TBX/SPX41/A/4P | CFTR26W/GX24q/841 |                 |
| CFL-T/32W/827/ALTO  | PL-T 32W/827/4P/ALTO  | CF32DT/E/IN/827       | F32TBX/SPX27/A/4P | CFTR32W/GX24q/827 |                 |
| CFL-T/32W/830/ALTO  | PL-T 32W/830/4P/ALTO  | CF32DT/E/IN/830       | F32TBX/SPX30/A/4P | CFTR32W/GX24q/830 |                 |
| CFL-T/32W/835/ALTO  | PL-T 32W/835/4P/ALTO  | CF32DT/E/IN/835       | F32TBX/SPX35/A/4P | CFTR32W/GX24q/835 |                 |
| CFL-T/32W/841/ALTO  | PL-T 32W/841/4P/ALTO  | CF32DT/E/IN/841       | F32TBX/SPX41/A/4P | CFTR32W/GX24q/841 |                 |
| CFL-T/42W/827/ALTO  | PL-T 42W/827/4P/ALTO  | CF42DT/E/IN/827       | F42TBX/SPX27/A/4P | CFTR42W/GX24q/827 |                 |
| CFL-T/42W/830/ALTO  | PL-T 42W/830/4P/ALTO  | CF42DT/E/IN/830       | F42TBX/SPX30/A/4P | CFTR42W/GX24q/830 |                 |
| CFL-T/42W/835/ALTO  | PL-T 42W/835/4P/ALTO  | CF42DT/E/IN/835       | F42TBX/SPX35/A/4P | CFTR42W/GX24q/835 |                 |
| CFL-T/42W/841/ALTO  | PL-T 42W/841/4P/ALTO  | CF42DT/E/IN/841       | F42TBX/SPX41/A/4P | CFTR42W/GX24q/841 |                 |

NOTE - The lumen output of our plastic-coated compact fluorescent lamps is slightly lower than an uncoated compact fluorescent lamp of the same type.

# HID Lamps

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#### Applications:

Offices  
Schools  
Restaurants  
Medical Facilities  
Retail  
Hospitality  
General Lighting

## Shat-R-Shield HID Lamps: High in Intensity. Higher in Protection.

Shat-R-Shield High Intensity Discharge (HID) lamps are designed to be safely used in open fixtures and are excellent for lighting large areas. In addition to offering greater flexibility in system design, open fixtures are less expensive and more compact than enclosed fixtures. The lenses on enclosed fixtures can reduce light output by up to 10% (compounded over time by the build-up of dirt, insects and other debris on the lens).

**Metal Halide Lamps-** Metal halide lamps are the most efficient source of pure white light available. They provide good color rendering and are used in high quality outdoor lighting installations, as well as floodlighting, industrial high bay and many commercial applications.

Available in:

Protective Shroud (MP) • Energy Saving • Pulse Start • Self-Extinguishing • Energy Saving • Retrofit

**High Pressure Sodium Lamps (HPS)-** These lamps are the most efficient source of high intensity light and are also available in non-cycling versions. Their efficiency is up to 140 lumens per watt and the light produced is a warm golden color. Because of their yellow light output, they are frequently used in street lighting and other areas where color rendering is not critical. Although they are not quite as energy efficient, metal halide is generally used when pure white light is needed.

**Mercury Vapor-** Although many of these applications have been converted to the much more efficient metal halide and high pressure sodium lamps, we will still be able to satisfy the needs of your customers that use mercury vapor lamps. Please call customer service for your specific requests.

## Energy Efficient

| Watts | Shape       | Part # | Description                         | Finish  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Base                      | Pack By |
|-------|-------------|--------|-------------------------------------|---------|----------------|-------------|-------------|-----|--------------|------------|---------------------------|---------|
| 145   | ED28        | 90840  | CDM145/BU/0/4K/ED28 (PK X 12)       | Clear   | 13775          | 11020       | 4000        | 87  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 12      |
| 210   | T12 [38 MM] | 90848  | CDM-T MW ELITE 210W/942 T12(PK X12) | Clear   | 22800          | 20500       | 4200        | 85  | 7.5          | 20000      | PGZX18                    | 12      |
| 325   | ED37        | 90040G | MR325 I/WM/BU (PK X 6)              | Clear   | 28000          | 13300       | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 330   | ED37        | 90846  | CDM330/BU/O/4K (PK X 6)             | Clear   | 33000          | 24750       | 4000        | 90  | 11.5         | 24000      | Exclusionary Mogul (EX39) | 6       |
| 350   | ED37        | 94000V | MS350W/PS/BU (PK X 6)               | Clear   | 37000          | n/a         | 4000        | 68  | 11.5         | 30000      | Mogul (E39)               | 6       |
| 360   | ED37        | 99711G | MVR360/CVBU/WM/XHO (PK X 6)         | Frosted | 35000          | 23000       | 4000        | 70  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 360   | ED37        | 99710G | MVR360/VBU/WM/XHO (PK X 6)          | Clear   | 37000          | 24000       | 4200        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 360   | ED37        | 99700G | MVR360 VBU/WM/HO (PK X 6)           | Clear   | 36000          | 23500       | 4300        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |

## Pulse Start

| Watts | Shape | Part # | Description                        | Finish  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Base                      | Pack By |
|-------|-------|--------|------------------------------------|---------|----------------|-------------|-------------|-----|--------------|------------|---------------------------|---------|
| 70    | ED28  | 94200V | M70/BU/ED28/PS (PK X 12)           | Clear   | 5600           | n/a         | 4000        | 65  | 8.3          | 15000      | Mogul (E39)               | 12      |
| 70    | ED17  | 94210V | M70W MED PS/BU (PK X 12)           | Clear   | 5600           | n/a         | 4000        | 65  | 5.4          | 15000      | Medium (E26)              | 12      |
| 100   | E17   | 93313S | M100 BU/MED (PK X 20)              | Clear   | 8500           | 4675        | 4000        | 65  | 5.4          | 12000      | Medium (E26)              | 20      |
| 100   | ED28  | 90350V | M100/ED28/PS/BU (PK X 12)          | Clear   | 9000           | n/a         | 4000        | 65  | 8.3          | 15000      | Mogul (E39)               | 12      |
| 150   | ED17  | 90843  | M150/M/3K/BU/ALTO/MED (PK X 12)    | Clear   | 14000          | 10500       | 3000        | 85  | 5.4          | 16000      | Medium (E26)              | 12      |
| 150   | ED17  | 90849  | M150/M/3K/IF/BU/ALTO/MED (PK X 12) | Frosted | 12500          | 9375        | 3000        | 85  | 5.4          | 16000      | Medium (E26)              | 12      |
| 150   | BD17  | 93410  | M150 BU/MED (PK X 12)              | Clear   | 12250          | 8500        | 3700        | 65  | 5.43         | 10000      | Medium (E26)              | 12      |
| 150   | E17   | 93409S | M150/SS/BU/BT28 (PK X 6)           | Clear   | 13000          | 7500        | 4000        | 65  | 8.3          | 10000      | Mogul (E39)               | 6       |
| 175   | BT28  | 90501S | M175 IF/BU (PK X 6)                | Frosted | 14000          | 8400        | 3800        | 70  | 8.31         | 10000      | Mogul (E39)               | 6       |
| 175   | BT28  | 94500S | MS175 PS/BU (PK X 12)              | Clear   | 17500          | 12800       | 4000        | 65  | 8.31         | 15000      | Mogul (E39)               | 12      |
| 175   | BT28  | 90510S | M175 BU/MED (PK X 20)              | Clear   | 14400          | 9000        | 4000        | 65  | 5.43         | 10000      | Medium (E26)              | 20      |
| 175   | ED28  | 94510S | MS175/PS/BU/MED (PK X 12)          | Clear   | 17500          | 12800       | 4000        | 65  | 5.43         | 15000      | Medium (E26)              | 12      |
| 175   | BT28  | 90500S | M175 BU (PK X 6)                   | Clear   | 14400          | 9300        | 4200        | 65  | 8.31         | 10000      | Mogul (E39)               | 6       |
| 250   | BT28  | 90601S | M250 IF/BU (PK X 6)                | Frosted | 21500          | 17000       | 3800        | 70  | 8.31         | 10000      | Mogul (E39)               | 6       |
| 250   | ED28  | 90602V | M250/LU (PK X 12)                  | Clear   | 20000          | 17000       | 4000        | 65  | 8.3          | 10000      | Mogul (E39)               | 12      |
| 250   | ED28  | 94630V | MS250/PS/BU (PK X 12)              | Clear   | 25000          | n/a         | 4000        | 68  | 8.3          | 20000      | Mogul (E39)               | 12      |
| 250   | E17   | 90600S | M250 BU (PK X 6)                   | Clear   | 22000          | 15000       | 4200        | 65  | 8.31         | 10000      | Mogul (E39)               | 6       |
| 250   | BT28  | 94660S | MS250/PS/BU (PK X 6)               | Clear   | 23000          | 17000       | 4200        | 65  | 8.31         | 20000      | Mogul (E39)               | 6       |
| 320   | ED37  | 94041V | MS320/C/V/ED37/PS/737 (PK X 6)     | Frosted | 31000          | n/a         | 3700        | 70  | 11.5         | 30000      | Mogul (E39)               | 6       |
| 320   | BT37  | 94040S | MS320 PS/BU (PK X 6)               | Clear   | 30000          | 21000       | 4300        | 65  | 8.31         | 15000      | Mogul (E39)               | 6       |
| 325   | ED17  | 90110V | M50/MED/PS/BU (PK X 12)            | Clear   | 34000          | n/a         | 4000        | 65  | 5.4          | 10000      | Medium (E26)              | 12      |
| 350   | ED37  | 94801G | MVR350/C/VBU/XHO/PA (PK X 6)       | Frosted | 34500          | 25000       | 3700        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 360   | BT37  | 91701S | MS360 IF/ES/BU (PK X 6)            | Frosted | 35000          | 22500       | 3600        | 70  | 11.5         | 15000      | Mogul (E39)               | 6       |
| 360   | BT37  | 91700S | MS360 ES/BU (PK X 6)               | Clear   | 36000          | 21000       | 4000        | 65  | 11.5         | 15000      | Mogul (E39)               | 6       |
| 400   | BT37  | 91801S | MS400 IF/BU (PK X 6)               | Frosted | 42000          | 24700       | 3600        | 70  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | BT37  | 94801S | MS400 IF/PS/BU (PK X 6)            | Frosted | 42000          | 29000       | 3600        | 70  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | BT37  | 90801S | M400 IF/BU ((PK X 6)               | Frosted | 36000          | 22500       | 3700        | 70  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | ED37  | 90802G | MVR400/BU (PK X 6)                 | Clear   | 36000          | 33100       | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | BT28  | 90800S | M400 BU (PK X 6)                   | Clear   | 36000          | 23500       | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | BT28  | 90050S | M400 BU/BT28 (PK X 6)              | Clear   | 36000          | 25000       | 4000        | 65  | 8.31         | 20000      | Mogul (E39)               | 6       |
| 400   | ED28  | 90809  | M400 BU/ED28 (PK X 12)             | Clear   | 36000          | 24000       | 4000        | 65  | 8.3          | 20000      | Mogul (E39)               | 12      |
| 400   | BT37  | 94804S | M400 PS/BU (PK X 6)                | Clear   | 36000          | 25500       | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | BT37  | 91800S | MS400 BU (PK X 6)                  | Clear   | 42000          | 26000       | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | BT28  | 94800S | MS400 PS/BU (PK X 6)               | Clear   | 42000          | 31000       | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |

## Protected Pulse Start

| Watts | Shape | Part # | Description                      | Finish  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Base                      | Pack By |
|-------|-------|--------|----------------------------------|---------|----------------|-------------|-------------|-----|--------------|------------|---------------------------|---------|
| 50    | ED17  | 93111G | MP50 IF/BU/MED (PK X 6)          | Frosted | 3200           | 1500        | 3500        | 70  | 5.43         | 10000      | Medium (E26)              | 6       |
| 50    | ED17  | 93110G | MP50/BU/MED (PK X 6)             | Clear   | 3400           | 1700        | 3500        | 70  | 5.43         | 10000      | Medium (E26)              | 6       |
| 70    | ED17  | 93211G | MP70 IF/BU/MED (PK X 6)          | Frosted | 4900           | 3300        | 3200        | 70  | 5.43         | 15000      | Medium (E26)              | 6       |
| 70    | E17   | 93210S | MP70 BU/PS/MED (PK X 20)         | Clear   | 5200           | 2750        | 3000        | 75  | 5.45         | 10000      | Medium (E26)              | 20      |
| 70    | ED17  | 93210G | MP70 BU/MED (PK X 6)             | Clear   | 5500           | 3500        | 3200        | 70  | 5.43         | 12000      | Medium (E26)              | 6       |
| 100   | ED17  | 93311G | MP100 IF/BU/MED/PS (PK X 6)      | Frosted | 8500           | 5900        | 3200        | 70  | 5.43         | 15000      | Medium (E26)              | 6       |
| 100   | BT37  | 93312S | MP100/BU/MED (PK X 20)           | Clear   | 8500           | 5525        | 3000        | 75  | 5.43         | 15000      | Medium (E26)              | 20      |
| 100   | ED17  | 93310G | MP100 BU/MED (PK X 6)            | Clear   | 9000           | 6200        | 3200        | 70  | 5.43         | 15000      | Medium (E26)              | 6       |
| 100   | EDX17 | 93310V | MP100/MED/PS/BU (PK X 12)        | Clear   | 8500           | 6200        | 4000        | 65  | 5.4          | 15000      | Medium (E26)              | 12      |
| 150   | BT28  | 93415S | MP150/IF/BU/MED (PK X 20)        | Frosted | 11600          | 7500        | 2900        | 75  | 5.43         | 15000      | Medium (E26)              | 20      |
| 150   | ED17  | 93411G | MP150 BU/MED (PK X 6)            | Clear   | 12500          | 8600        | 3500        | 70  | 5.43         | 15000      | Medium (E26)              | 6       |
| 150   | EDX17 | 93412V | MP150W/BU/UVS/PS /MED (PK X 12)  | Clear   | 13300          | n/a         | 4000        | 68  | 5.4          | 15000      | Medium (E26)              | 12      |
| 150   | ED28  | 93413V | MP150W/BU/ED28/UVS/PS (PK X12)   | Clear   | 13300          | n/a         | 4000        | 68  | 8.3          | 15000      | Exclusionary Mogul (EX39) | 12      |
| 150   | ED17  | 94418  | MHC150/U/M/4K/ALTO (PK X 12)     | Clear   | 13000          | 9750        | 4000        | 92  | 5.44         | 20000      | Medium (E26)              | 12      |
| 175   | BT28  | 93501S | MP175 IF/BU (PK X 6)             | Frosted | 12800          | 7800        | 3800        | 70  | 8.31         | 10000      | Exclusionary Mogul (EX39) | 6       |
| 175   | ED28  | 93520  | MP175 BU/PS (PK X 12)            | Clear   | 16000          | n/a         | 3500        | 62  | 8.31         | 14000      | Exclusionary Mogul (EX39) | 12      |
| 175   | BT28  | 93510S | MP175 BU/MED (PK X 20)           | Clear   | 14400          | 10200       | 3600        | 65  | 5.43         | 10000      | Medium (E26)              | 20      |
| 175   | E17   | 93500S | MP175 BU (PK X 6)                | Clear   | 14400          | 10200       | 4000        | 65  | 8.31         | 10000      | Exclusionary Mogul (EX39) | 6       |
| 200   | ED28  | 94030V | MP200W V/PS (PK X 12)            | Clear   | 20000          | n/a         | 4000        | 65  | 8.3          | 15000      | Exclusionary Mogul (EX39) | 12      |
| 250   | ED28  | 94631V | MP250W C/PS/BU (PK X 12)         | Frosted | 22600          | n/a         | 3700        | 70  | 8.3          | 20000      | Exclusionary Mogul (EX39) | 12      |
| 250   | BT28  | 93601S | MP250 IF/BU (PK X 6)             | Frosted | 20000          | 14350       | 3800        | 70  | 8.31         | 10000      | Exclusionary Mogul (EX39) | 6       |
| 250   | ED17  | 93600S | MP250 BU (PK X 6)                | Clear   | 23000          | 17000       | 4000        | 65  | 8.31         | 17000      | Exclusionary Mogul (EX39) | 6       |
| 250   | BT28  | 93610S | MP250 PS/BU (PK X 6)             | Clear   | 22500          | 17000       | 4000        | 65  | 8.3          | 15000      | Exclusionary Mogul (EX39) | 6       |
| 250   | ED28  | 93603H | MP250/BU (PK X 6)                | Clear   | 21800          | n/a         | 4000        | 65  | 8.25         | 10000      | Exclusionary Mogul (EX39) | 6       |
| 250   | ED28  | 90603H | MH250/BU (PK X 6)                | Clear   | 21000          | n/a         | 4000        | 65  | 8.25         | 10000      | Mogul (E39)               | 6       |
| 250   | ED28  | 94632V | MP250/BU/UVS/PS (PK X 12)        | Clear   | 23800          | n/a         | 4000        | 68  | 8.3          | 20000      | Exclusionary Mogul (EX39) | 12      |
| 250   | BT28  | 94650S | MCP250 PS/BU ONLY/940PB (PK X 6) | Clear   | 24000          | 19200       | 4200        | 94  | 8.3          | 20000      | Exclusionary Mogul (EX39) | 6       |
| 320   | ED17  | 94600S | MP320 350/PS/BU (PK X 6)         | Clear   | 28600          | 21000       | 3800        | 65  | 8.31         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 320   | ED28  | 94640V | MP320/BU/ED28/PS (PK X 12)       | Clear   | 31000          | n/a         | 4000        | 68  | 8.3          | 30000      | Exclusionary Mogul (EX39) | 12      |
| 320   | ED37  | 93032V | MP320/BU/UVS/PS (PK X 6)         | Clear   | 31000          | n/a         | 4000        | 68  | 11.5         | 30000      | Exclusionary Mogul (EX39) | 6       |
| 350   | BT37  | 94831S | MP350-400 IF/PS/BU (PK X 6)      | Frosted | 32000          | 23000       | 3500        | 70  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 350   | ED37  | 94031V | MP350W C/V/UVS/PS (PK X 6)       | Frosted | 33000          | n/a         | 3700        | 70  | 11.5         | 30000      | Exclusionary Mogul (EX39) | 6       |
| 350   | BT37  | 94830S | MP350 400/PS/BU (PK X 6)         | Clear   | 33000          | 24500       | 3700        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 350   | EX39  | 94032V | MP350W V/UVS/PS (PK X 6)         | Clear   | 35200          | n/a         | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 360   | BT28  | 93700S | MP360 ES/BU (PK X 6)             | Clear   | 35000          | 23500       | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | BT37  | 93801S | MP400 IF/BU (PK X 6)             | Frosted | 38500          | 25000       | 3400        | 70  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | BT37  | 93800S | MP400 BU (PK X 6)                | Clear   | 40000          | 26000       | 3600        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | ED37  | 93832V | MP400/C/BU/UVS/PS (PK X 6)       | Frosted | 39000          | n/a         | 3700        | 70  | 11.5         | 30000      | Exclusionary Mogul (EX39) | 6       |
| 400   | ED28  | 94801V | MP400W C/BU/ED28/PS (PK X 12)    | Frosted | 39000          | n/a         | 3700        | 70  | 8.3          | 30000      | Exclusionary Mogul (EX39) | 12      |
| 400   | ED37  | 93800  | MP400/BU (PK X 6)                | Clear   | 38000          | 26600       | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | ED37  | 93803H | MP400/BU (PK X 6)                | Clear   | 36000          | n/a         | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |
| 400   | ED37  | 90803H | MH400/BU (PK X 6)                | Clear   | 36000          | n/a         | 4000        | 65  | 11.5         | 20000      | Mogul (E39)               | 6       |
| 400   | ED37  | 93830V | MP400W BU/UVS/PS (PK X 6)        | Clear   | 41000          | n/a         | 4000        | 68  | 11.5         | 30000      | Exclusionary Mogul (EX39) | 6       |
| 400   | ED28  | 93831V | MP400W/BU/ED28/UVS/PS 12PK       | Clear   | 41000          | n/a         | 4000        | 68  | 8.3          | 30000      | Exclusionary Mogul (EX39) | 12      |
| 400   | ED37  | 94033V | MPI 400W/BU PROBE START (PK X 6) | Clear   | 40000          | n/a         | 4000        | 65  | 11.5         | 20000      | Exclusionary Mogul (EX39) | 6       |

## Mercury Vapor

| Watts | Shape | Part # | Description            | Finish  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Base         | Pack By |
|-------|-------|--------|------------------------|---------|----------------|-------------|-------------|-----|--------------|------------|--------------|---------|
| 100   | A23   | 99312  | H38MP-100 DX (PK X 24) | Frosted | 4300           | n/a         | 3700        | 45  | 5.4          | 24000+     | Medium (E26) | 24      |
| 175   | ED28  | 99502  | H39KC175 DX (PK X 12)  | Frosted | 7900           | 7300        | 3700        | 45  | 8.31         | 24000+     | Mogul (E39)  | 12      |
| 250   | ED28  | 99603S | H37KC250 DX (PK X 6)   | Frosted | 12500          | 10000       | 4000        | 45  | 8.31         | 24000      | Mogul (E39)  | 6       |
| 400   | ED37  | 99802S | H33GL400 DX (PK X 6)   | Frosted | 22000          | 16200       | 4000        | 43  | 11.5         | 24000      | Mogul (E39)  | 6       |

## High Pressure Sodium

| Watts | Shape    | Part # | Description                      | Finish  | Initial Lumens | Mean Lumens | Kelvin Temp | CRI | Length (in.) | Life Hours | Base         | Pack By |
|-------|----------|--------|----------------------------------|---------|----------------|-------------|-------------|-----|--------------|------------|--------------|---------|
| 35    | BD17     | 97010  | HPS35 MED (PK X 12)              | Clear   | 2300           | 2025        | 2100        | 21  | 5.43         | 24000      | Medium (E26) | 12      |
| 50    | ED17 E17 | 97312S | LU50 D/MED (PK X 20)             | Frosted | 3700           | 3420        | 1900        | 22  | 5.43         | 24000      | Medium (E26) | 20      |
| 50    | BD17     | 97110  | HPS50 MED (PK X 12)              | Clear   | 4000           | 3600        | 2100        | 21  | 5.43         | 24000      | Medium (E26) | 12      |
| 70    | BD17     | 97210  | HPS70 MED (PK X 12)              | Clear   | 6700           | 5850        | 2100        | 21  | 5.44         | 24000      | Medium (E26) | 12      |
| 70    | ED23 1/2 | 97209  | HPS70/ECOSAFE (PK X 12)          | Clear   | 6800           | 5670        | 2100        | 21  | 7.75         | 24000      | Mogul (E39)  | 12      |
| 100   | ED23 1/2 | 97309  | HPS100 ALTO (PK X 12)            | Clear   | 9400           | 8460        | 2100        | 21  | 7.75         | 24000      | Mogul (E39)  | 12      |
| 100   | BD17     | 97310  | HPS100 MED (PK X 12)             | Clear   | 9200           | 8550        | 2100        | 21  | 5.45         | 24000      | Medium (E26) | 12      |
| 100   | BD17     | 97111  | HPS100/IF/MED (PK X 12)          | Frosted | 8900           | 7920        | 2100        | 21  | 5.4          | 24000      | Medium (E26) | 12      |
| 150   | ED23 1/2 | 97409  | HPS150 55/ALTO (PK X 12)         | Clear   | 16000          | 14220       | 2100        | 21  | 7.75         | 24000      | Mogul (E39)  | 12      |
| 150   | BD17     | 97410  | HPS150 55/MED (PK X 12)          | Clear   | 16500          | 14440       | 2100        | 21  | 5.45         | 24000      | Medium (E26) | 12      |
| 200   | ED18     | 97501  | HPS200/ALTO (PK X 12)            | Clear   | 23000          | 19260       | 2100        | 21  | 9.75         | 24000      | Mogul (E39)  | 12      |
| 250   | ED18     | 97600  | HPS250 ALTO (PK X 12)            | Clear   | 28500          | 24300       | 2100        | 21  | 9.75         | 24000      | Mogul (E39)  | 12      |
| 250   | ED18     | 90844  | CDM250S50/V/O/4K/ALTO (PK X 12)  | Clear   | 20500          | 17600       | 4000        | 81  | 9.75         | 20000      | Mogul (E39)  | 12      |
| 250   | ED28     | 90642G | MR250 RETROFIT/BU (PK X 12)      | Clear   | 18500          | 13900       | 4500        | 65  | 8.25         | 10000      | Mogul (E39)  | 12      |
| 250   | ED28     | 99604G | HR250/A37 (PK X 12)              | Clear   | 11000          | 7700        | 5700        | 15  | 8.25         | 24000      | Mogul (E39)  | 12      |
| 400   | ED18     | 97803H | LU400/ECO (PK X 12)              | Clear   | 48000          | n/a         | 2000        | 20  | 9.75         | 24000      | Mogul (E39)  | 12      |
| 400   | ED18     | 97800  | HPS400 ALTO (PK X 12)            | Clear   | 50000          | 45000       | 2100        | 21  | 9.75         | 24000      | Mogul (E39)  | 12      |
| 400   | ET18     | 97800S | LU400 ECO (PK X 20)              | Clear   | 40300          | 40300       | 2100        | 22  | 9.75         | 24000      | Mogul (E39)  | 20      |
| 400   | ED18     | 90842  | CDM400/S51/V/O/4K/ALTO (PK X 12) | Clear   | 34800          | 27840       | 4000        | 85  | 9.75         | 20000      | Mogul (E39)  | 12      |
| 400   | ED37     | 95840G | MR400 RETROFIT/BU (PK X 6)       | Clear   | 37600          | 22600       | 4500        | 65  | 11.5         | 20000      | Mogul (E39)  | 6       |



## Important Information Regarding HID Lamps

### The Facts on Arc-Tube Rupture

Shat-R-Shield lamps have a shatterproof coating to contain glass, phosphors and mercury in the event a lamp is dropped or broken. Our coating is not designed to contain an arc-tube rupture (“non-passive failure”). In extraordinary applications or under certain conditions, glass fragments may escape the coating. Shat-R-Shield HID lamps must be burned base up only and in open fixtures only. On rare occasion, usually at the end of life, an arc-tube can rupture and shatter the outer glass bulb and coating, resulting in the discharge of glass fragments and extremely hot quartz particles (as high as 219°F, 1200°C). This is possible with all non-shrouded metal halide lamps, regardless of manufacturer. Shat-R-Shield protective-shrouded lamps contain a special quartz shield which is designed to contain a ruptured arc-tube and thereby minimize the risk.

To reduce the possibility of arc-tube rupture and premature lamp or coating failure:

- Operate with compatible ballast and fixture only.
- Burn lamp base-up only and in open fixtures only.
- Turn lamp off a minimum of 15 minutes per week.
- Replace lamp at or before the end of rated life.
- Follow all instructions on the lamp’s sleeve.

### Shat-R-Shield HID Lamp Warranty

The plastic coating on a Shat-R-Shield HID lamp is guaranteed not to yellow and will withstand bulb wall temperatures up to 500°F. Except under the foregoing conditions, due to variable conditions and fixture design, Shat-R-Shield does not warrant or otherwise guarantee the plastic coating on HID lamps for the rated life of the lamp. The purpose of the coating is to contain virtually all glass fragments, phosphors and mercury in the event the lamp is accidentally dropped or broken. Shat-R-Shield suggest the HID shatterproof lamps be inspected and replaced if the coating material is compromised due to temperature extremes.

- The coating is not designed to contain an arc-tube rupture.
- Under certain conditions, glass fragments may escape the coating.
- Lamps MUST be burned base up only and in open fixtures.
- On rare occasion, usually at the end of life, an arc-tube can rupture and shatter the outer glass and coating. This is possible with all non-shrouded metal halide lamps.

# Halogen Lamps

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**Applications:**  
Outdoor Lighting  
Landscaping  
Task Lighting  
Track Lighting  
Food Service  
General Lighting

## Shat-R-Shield Halogen Lamps: Taking the ordinary and making it extraordinary.

We understand that people typically like things that they've always been accustomed to, which is why many still turn to the standard incandescent lamp. What if you had the option of the same look and feel of the classic light bulb you've known for years, but only now its available in a more efficient version that emits far less heat and has a much longer life?

**Meet the halogen lamp.**

Shat-R-Shield offers a wide selection of halogen lamps, including A19s, MR16s, BT15s and PAR lamps to suit many illumination needs. These lamps offer the benefit of a crisper, brighter white that will maintain color consistency throughout the entire life of the lamp, whereas the output of an incandescent will diminish over time.

Shat-R-Shield's safety coating on halogen lamps will still contain virtually all glass, mercury and phosphors if a lamp is dropped or broken and is guaranteed not to yellow, crack or flake for the rated life of the lamp.

Longer life and better color-- *halogens just make sense.*

## Halogen A19

| Watts | Shape | Part # | Description                   | Finish | Base         | Filament Type | Length (in.) | Diameter (in.) | Initial Lumens | Kelvin Temp | Life Hours | Volts | Pack By |
|-------|-------|--------|-------------------------------|--------|--------------|---------------|--------------|----------------|----------------|-------------|------------|-------|---------|
| 29    | A19   | 01266  | 29W/A19/HAL/CL 120V (PK X24)  | Clear  | Medium (E26) | CC-8          | 4.13         | 2.37           | 380            | 2950        | 1000       | 120   | 24      |
| 43    | A19   | 01267  | 43W/A19/HAL/CL 120V (PK X 24) | Clear  | Medium (E26) | CC-8          | 4.13         | 2.37           | 750            | 2950        | 1000       | 120   | 24      |
| 53    | A19   | 01265S | 53A17/HAL/CL 120V (PK X 24)   | Clear  | Medium (E26) | CC-8          | 4.13         | 2.37           | 1050           | 2950        | 1000       | 120   | 24      |

## Halogen MR16

| Watts | Shape | Part # | Description                       | Finish | Base  | Filament Type | Length (in.) | Diameter (in.) | Initial Lumens | Kelvin Temp | Life Hours | Volts | Pack By |
|-------|-------|--------|-----------------------------------|--------|-------|---------------|--------------|----------------|----------------|-------------|------------|-------|---------|
| 20    | MR16  | 02008S | 20MR16/FL35/C(BAB) (PK X 20)      | Clear  | GU5.3 | Axial         | 1.75         | 2              | 0              | 3000        | 2000       | 12    | 20      |
| 35    | MR16  | 02015S | 35MR16/T/FL35/C/FMW 12V (PK X 20) | Clear  | GU5.3 | Axial         | 1.75         | 2              | 0              | 3000        | 4000       | 12    | 20      |
| 50    | MR16  | 02014S | 50MR16/FL35/C/EXN (PK X 20)       | Clear  | GU5.3 | Axial         | 1.75         | 2              | 0              | 2950        | 2000       | 12    | 20      |

## Halogen BT15

| Watts | Shape | Part # | Description                  | Finish | Base         | Filament Type | Length (in.) | Diameter (in.) | Initial Lumens | Kelvin Temp | Life Hours | Volts | Pack By |
|-------|-------|--------|------------------------------|--------|--------------|---------------|--------------|----------------|----------------|-------------|------------|-------|---------|
| 60    | BT15  | 01017  | 60BT15/HAL/CL 120V (PK X 10) | Clear  | Medium (E26) | CC-8          | 4            | 1.87           | 1000           | 2840        | 3000       | 120   | 10      |
| 60    | BT15  | 01007I | 60BT15/HAL/CL 120V (PK X 24) | Clear  | Medium (E26) | CC-8          | 4            | 1.87           | 930            | 2800        | 2500       | 120   | 24      |
| 60    | BT15  | 01006W | 60BT15/HAL/CL 120V (PK X 36) | Clear  | Medium (E26) | CC-8          | 4.13         | 1.87           | 1080           | 2800        | 3000       | 120   | 36      |
| 60    | BT15  | 01002W | 60BT15/HAL/CL 120V SILICONE  | Clear  | Medium (E26) | CC-8          | 4.13         | 1.87           | 1080           | 2800        | 3000       | 120   | 36      |

## Halogen PAR

| Watts | Shape         | Part #                              | Description                         | Finish       | Base         | Filament Type | Length (in.) | Diameter (in.) | Initial Lumens | Kelvin Temp | Life Hours | Volts | Pack By |
|-------|---------------|-------------------------------------|-------------------------------------|--------------|--------------|---------------|--------------|----------------|----------------|-------------|------------|-------|---------|
| 39    | PAR20         | 01684S                              | 39PAR20/HAL/FL30 130V (PK X 10)     | Clear        | Medium (E26) | CC-8          | 3.25         | 2.5            | 475            | 2850        | 1500       | 130   | 10      |
| 39    | PAR30         | 01685S                              | 39PAR30/HAL/WFL50DL 120V (PK X 10)  | Clear        | Medium (E26) | CC-8          | 3.62         | 3.75           | 520            | 2800        | 3000       | 120   | 10      |
| 39    | PAR30         | 01682S                              | 39PAR30/HAL/NFL25 120V (PK X 10)    | Clear        | Medium (E26) | CC-8          | 3.62         | 3.75           | 550            | 2850        | 1500       | 120   | 10      |
| 39    | PAR30LN01681S | 39PAR30/LN/HAL/NFL25 130V(PK X 10)  | Clear                               | Medium (E26) | CC-8         | 4.6           | 3.75         | 550            | 2850           | 1500        | 130        | 10    |         |
| 39    | PAR38         | 01588S                              | 39PAR38/HAL/NFL25 130V (PK X 10)    | Reflector    | Medium (E26) | CC-8          | 5.31         | 4.75           | 550            | 2850        | 1500       | 130   | 10      |
| 50    | PAR30         | 01680S                              | 50PAR30/HAL/IR/NFL25/DL 120V(PKX10) | Clear        | Medium (E26) | CC-8          | 3.62         | 3.75           | 850            | 2825        | 3000       | 120   | 10      |
| 60    | PAR30         | 01690S                              | 60PAR30/HAL/S/NFL25 120V(PK X 10)   | Reflector    | Medium (E26) | CC-8          | 3.62         | 3.75           | 1070           | 2925        | 1500       | 120   | 10      |
| 60    | PAR30LN01686S | 60PAR30/LN/HAL/IR/NFL25/DL(PK X 10) | Clear                               | Medium (E26) | CC-8         | 4.6           | 3.75         | 1100           | 2850           | 3000        | 120        | 10    |         |
| 70    | PAR38         | 01589S                              | 70PAR38/HAL/IR/NFL25/DL 120V(PKX10) | Reflector    | Medium (E26) | CC-8          | 5.3          | 4.75           | 1305           | 2875        | 3000       | 120   | 10      |
| 70    | PAR38         | 01593S                              | 70PAR38/HAL/S/NFL25 (PK X 10)       | Reflector    | Medium (E26) | CC-8          | 5.31         | 4.75           | 1305           | 2925        | 1500       | 120   | 10      |
| 70    | PAR38         | 01592                               | 70PAR38/HAL/NFL25 120V (PK X 12)    | Clear        | Medium (E26) | CC-8          | 5.31         | 4.75           | 1550           | 2900        | 4200       | 120   | 12      |
| 75    | PAR30         | 01658I                              | 75PAR30/HAL/WFL/40 130V (PK X 15)   | Reflector    | Medium (E26) | CC-8          | 3.62         | 3.75           | 1100           | 0           | 2500       | 130   | 15      |
| 80    | PAR38         | 01598S                              | 80PAR38/HAL/IR/SP10/DL 120V(PKX10)  | Reflector    | Medium (E26) | CC-8          | 5.31         | 4.75           | 1545           | 2900        | 3000       | 120   | 10      |
| 80    | PAR38         | 01591S                              | 80PAR38/HAL/IR/NFL25DL 120V (PKX10) | Reflector    | Medium (E26) | CC-8          | 5.31         | 4.75           | 1545           | 2900        | 3000       | 120   | 10      |

**Shat-R-Shield is compliant with lighting legislation**

As part of the changes in legislation set forth by the US Department of Energy, Shat-R-Shield has followed suit by phasing out higher wattage incandescent lamps and replacing them with new, energy efficient halogen lamps.

**Out With The Old**  
(phased out incandescent)

**In With The New**  
(replacement halogen)

**General Purpose & Decorative**

100W A19 -effective 1/1/12  
75W A19 -effective 1/1/13  
60W A19 -effective 1/1/14  
40W A19 -effective 1/1/14  
60W B10 -effective 1/1/14  
60W G25 -effective 1/1/14

**General Purpose & Decorative**

72W Halogen  
53W Halogen  
43W Halogen  
28W Halogen  
40W Halogen  
40W Halogen

**Directional**

50W PAR20 -effective 7/14/12  
50W PAR30LN -effective 7/14/12  
75W PAR30LN -effective 7/14/12  
50W PAR30 -effective 7/14/12  
75W PAR30 -effective 7/14/12  
80W BR40 -effective 7/14/12  
45W PAR38 -effective 7/14/12  
50W PAR38 -effective 7/14/12  
75W PAR38 -effective 7/14/12  
90W PAR38 -effective 7/14/12  
100W PAR38 -effective 7/14/12  
120W PAR38 -effective 7/14/12

**Directional**

39W PAR20 Halogen  
39W Halogen  
60W Halogen  
39W Halogen  
60W Halogen  
60W Halogen  
39W Halogen  
39W Halogen  
60W Halogen  
70W Halogen  
70W Halogen  
80W Halogen

# Incandescent Lamps

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**Applications:**  
Offices  
Schools  
Restaurants  
Medical Facilities  
Retail  
Hospitality  
General Lighting

## Shat-R-Shield Incandescent Lamps: Withstanding the test of time... and breakage.

It's no secret that incandescent lamps have been the tried and true way of lighting the world since Edison invented the light bulb in 1879. It's also been no secret that Shat-R-Shield's safety coated incandescent lamps have been the most reliable shatter-resistant lamps on the market for over 40 years.

Shat-R-Shield offers an extensive selection of incandescent lamps, including everything from industrial service lamps, vibration service and rough service lamps, infrared heat lamps, reflector lamps, all the way down to decorative incandescent lamps. Whatever your need, ***Shat-R-Shield's got you covered.***

As legislation set forth by the US Department of Energy's Energy Independence and Security Act (EISA) phases out inefficient higher wattage incandescent lamps, Shat-R-Shield continues to supplement their offering by adding higher efficiency, lower wattage versions as replacement options.

## Incandescent A Lamps

| Watts | Shape | Volts | Part # | Description                        | Initial Lumens | Finish       | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base             | Pack By |
|-------|-------|-------|--------|------------------------------------|----------------|--------------|---------------|--------------|----------------|------------|------------------|---------|
| 15    | A15   | 120   | 01103S | 15A15/IF 120V (PK X 24)            | 122            | Frosted      | C-9           | 3.5          | 1.25           | 2500       | Medium (E26)     | 24      |
| 25    | A15   | 130   | 01104I | 25A15/IF 130V (PK X 12)            | 180            | Frost        | C-9           | 3.5          | 1.25           | 1500       | Medium (E26)     | 12      |
| 25    | A19   | 125   | 01122S | 25A19/GREEN (PK X 6)               | 192            | Green        | C-9           | 3.94         | 2.38           | 3000       | Medium (E26)     | 6       |
| 25    | A19   | 125   | 01123S | 25A19/RED (PK X 6)                 | 180            | Red          | C-9           | 3.94         | 2.38           | 3000       | Medium (E26)     | 6       |
| 25    | A15   | 130   | 01130W | 25A15/IF 130V (PK X 12)            | 160            | Frosted      | C-9           | 3.38         | 1.25           | 2500       | Medium (E26)     | 12      |
| 40    | A15   | 120   | 01111G | 40A15/CL 120V (PK X 120)           | 415            | Clear        | C-9           | 3.5          | 1.88           | 1500       | Medium (E26)     | 120     |
| 40    | A15   | 130   | 01111S | 40A15 IF 130V (PK X 120)           | 405            | Inside Frost | C-9           | 3.5          | 1.25           | 1000       | Medium (E26)     | 120     |
| 40    | A15   | 130   | 01116S | 40A15 IF 130V (PK X 12)            | 405            | Inside Frost | C-9           | 3.5          | 1.25           | 1000       | Medium (E26)     | 12      |
| 40    | A15   | 130   | 01120I | 40A15/IF 130V (PK X 12)            | 350            | Frost        | C-9           | 3.5          | 1.25           | 1500       | Medium (E26)     | 12      |
| 40    | A15   | 120   | 01108S | 40A15/C/SW/FAN 120V (PK X 12)      | 405            | Soft White   | C-9           | 3.38         | 1.9            | 1000       | Candelabra (E12) | 12      |
| 40    | A15   | 230   | 01124E | 40A15/IF 230-250V (PK X 25)        | 435            | Clear        | C-2F          | 3.5          | 1.9            | 1500       | Medium (E26)     | 25      |
| 50    | A19   | 120   | 01228  | 50A19 IF/RS 120-130V (PK X 120)    | 500            | Frosted      | C-9           | 3.94         | 2.38           | 1000       | Medium (E26)     | 120     |
| 50    | A19   | 250   | 01240  | 50A19/RS 250V (PK X 120)           | 355            | Frosted      | RC-9          | 3.94         | 2.38           | 1000       | Medium (E26)     | 120     |
| 50    | A19   | 130   | 01257  | 50A19/RS 120-130V SILICONE         | 500            | Frosted      | RC-9          | 3.94         | 2.38           | 1000       | Medium (E26)     | 120     |
| 60    | A15   | 120   | 01115  | 60A15 CL/LL 120V (PK X 12)         | 630            | Clear        | CC6           | 3.5          | 1.9            | 2000       | Medium (E26)     | 12      |
| 60    | A19   | 120   | 01234S | 60A19 RS/RP (PK X 24)              | 555            | Soft White   | C-9           | 4.44         | 2.38           | 1000       | Medium (E26)     | 24      |
| 60    | A19   | 130   | 01238I | 60A19/CL/5M 130V (PK X 120)        | 630            | Clear        | C-9           | 4.5          | n/a            | 5000       | Medium (E26)     | 120     |
| 60    | A19   | 130   | 01244I | 60A19 IF/5M 130V (PK X 120)        | 630            | Inside Frost | C-9           | 4.5          | 2.38           | 5000       | Medium (E26)     | 120     |
| 60    | A19   | 130   | 01247I | 60A19 IF/5M 130V (PKX12)           | 630            | Inside Frost | C-9           | 4.5          | 2.38           | 5000       | Medium (E26)     | 12      |
| 60    | A19   | 130   | 01248I | 60A19 IF/5M 130V (PK X 48)         | 630            | Inside Frost | C-9           | 4.5          | n/a            | 5000       | Medium (E26)     | 48      |
| 60    | A19   | 130   | 01251I | 60A19 IF/5M 130V (PK X 48) SIL     | 630            | Inside Frost | C-10          | 4.5          | n/a            | 5000       | Medium (E26)     | 48      |
| 60    | A19   | 130   | 01249I | 60A19 IF/5M 130V (PK X 120) SIL    | 630            | Inside Frost | C-11          | 4.5          | n/a            | 5000       | Medium (E26)     | 120     |
| 60    | A19   | 130   | 01250I | 60A19 IF/5M 130V (PK X 12) SIL     | 630            | Inside Frost | C-12          | 4.5          | n/a            | 5000       | Medium (E26)     | 12      |
| 60    | A19   | 120   | 01261S | 60A19/IF/SB (PK X 120)             | 758            | Frosted      | CC-8          | 4.44         | 2.38           | 1000       | Medium (E26)     | 120     |
| 60    | A19   | 130   | 01704S | 60A19/RS/XL 130V (PK X 24)         | 450            | Frosted      | C-9           | 4.44         | 2.38           | 5000       | Medium (E26)     | 24      |
| 72    | A19   | 120   | 01264  | 72A19/EV/WH 120V (PK X 24)         | 1490           | Soft White   | CC-8          | 4.13         | 2.38           | 1000       | Medium (E26)     | 24      |
| 75    | A21   | 120   | 01232  | 75A21 RH/IF 120-130V (PK X 12)     | 750            | Frosted      | RC-9          | 5.31         | 2.63           | 1000       | Medium (E26)     | 12      |
| 75    | A19   | 120   | 01235S | 75A19 IF/RS 120V (PK X 24)         | 818            | Frosted      | C-9           | 4.44         | 2.38           | 1000       | Medium (E26)     | 24      |
| 75    | A21   | 130   | 01318  | 75A21 IF 120V (PK X 120)           | 1110           | Frosted      | CC-8          | 5.31         | 2.63           | 2854       | Medium (E26)     | 120     |
| 75    | A21   | 12    | 01317S | 75A21 12V (PK X 24)                | 1420           | Frosted      | C-6           | 5.31         | 2.63           | 1000       | Medium (E26)     | 24      |
| 75    | A19   | 120   | 10233  | 75A19 IF/RS/VS 120-130V (PK X 12)  | 712            | Frosted      | RC-9          | 3.94         | 2.38           | 1700       | Medium (E26)     | 12      |
| 100   | A21   | 130   | 01310  | 100A21 IF/RS/VS 125-130V (PK X 60) | 1230           | Frosted      | RC-9          | 5.31         | 2.63           | 1700       | Medium (E26)     | 60      |
| 100   | A21   | 130   | 01312  | 100A21 IF/RS/VS 125-130V (PK X 6)  | 1230           | Frosted      | RC-9          | 5.31         | 2.63           | 1700       | Medium (E26)     | 6       |
| 100   | A21   | 130   | 01310G | 100A21 IF/RS 130V (PK X 60)        | 1060           | Inside Frost | C-17          | 4.13         | 2.63           | 5400       | Medium (E26)     | 60      |
| 100   | A21   | 130   | 01312G | 100A21 IF/RS 130V (PK X 6)         | 1060           | Inside Frost | C-17          | 4.13         | 2.63           | 5400       | Medium (E26)     | 6       |
| 100   | A21   | 250   | 01314  | 100A21/IF/RS 250V (PK X 60)        | 1030           | Frosted      | C-9           | 5.31         | 2.63           | 1000       | Medium (E26)     | 60      |
| 100   | A21   | 120   | 01260H | 100A21 CL/NEODYMIUM (PK X 6)       | 1050           | Clear        | CC6           | 5            | 2.6            | 5000       | Medium (E26)     | 6       |
| 100   | A19   | 130   | 01272H | 100A19/FR/5M 130V (PK X 120)       | 950            | Frosted      | C-9           | 4.25         | 2.38           | 1500       | Medium (E26)     | 120     |
| 100   | A19   | 130   | 01273H | 100A19/FR/5M 130V (PK X 12)        | 950            | Frosted      | C-9           | 4.25         | 2.38           | 1500       | Medium (E26)     | 12      |
| 116   | A21   | 130   | 01336  | 116A21 CL/2WR 130V (PK X 120)      | 1180           | Clear        | C-9           | 4.44         | 2.63           | 8000       | Medium (E26)     | 120     |
| 150   | A21   | 130   | 01316G | 150A21 IF/RS 130V (PK X 60)        | 2065           | Inside Frost | C-17          | 5.37         | 3.75           | 2600       | Medium (E26)     | 60      |
| 150   | A21   | 130   | 01323G | 150A21 35/IF/RS (PK X 6)           | 2065           | Inside Frost | C-17          | 5.37         | 3.75           | 2600       | Medium (E26)     | 6       |
| 150   | A21   | 120   | 01316  | 150A21 35/IF/RS/IS 125-130V(PKX60) | 1640           | Soft White   | RC-9          | 5.31         | 2.63           | 1700       | Medium (E26)     | 60      |



## Incandescent A Lamps, Continued..

| Watts | Shape | Volts | Part # | Description                       | Initial Lumens | Finish     | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base         | Pack By |
|-------|-------|-------|--------|-----------------------------------|----------------|------------|---------------|--------------|----------------|------------|--------------|---------|
| 150   | A21   | 120   | 01323  | 150A21 35/IF/RS/IS (PK X 6)       | 1640           | Soft White | RC-9          | 5.31         | 2.63           | 1700       | Medium (E26) | 6       |
| 150   | A21   | 130   | 01333I | 01308I150A21 IF 130V (PK X 60)    | 2670           | Frosted    | CC6           | 5.31         | n/a            | 750        | Medium (E26) | 60      |
| 150   | A21   | 130   | 01334I | 150A21 IF 130V (PK X 6)           | 2670           | Frosted    | CC6           | 5.31         | n/a            | 750        | Medium (E26) | 6       |
| 150   | A23   | 130   | 01411S | 150A23 IF/RS 130V (PK X 48)       | 2090           | Frosted    | C-17          | 6.06         | 2.88           | 1000       | Medium (E26) | 48      |
| 200   | A21   | 130   | 01321S | 200A21 CL 130V (PK X 48)          | 3930           | Clear      | CC-8          | 5.31         | 2.63           | 750        | Medium (E26) | 48      |
| 200   | A21   | 130   | 01328S | 200A21/IF 130V (PK X 48)          | 3760           | Frosted    | CC-8          | 5.31         | 2.63           | 750        | Medium (E26) | 48      |
| 200   | A23   | 120   | 01412  | 200A23 CL 120V (PK X 6)           | 3400           | Clear      | CC-8          | 6.31         | 2.63           | 1500       | Medium (E26) | 6       |
| 200   | A23   | 130   | 01413  | 200A23 IF 130V (PK X 60)          | 3600           | Frosted    | CC-8          | 6.31         | 2.63           | 2120       | Medium (E26) | 60      |
| 200   | A23   | 130   | 01415  | 200A23 CL 120-130V (PK X 60)      | 3600           | Clear      | CC-8          | 6.31         | 2.63           | 1250       | Medium (E26) | 60      |
| 200   | A23   | 130   | 01416  | 200A23 IF/99 120-130V (PK X 60)   | 3250           | Frosted    | CC-8          | 6.31         | 2.63           | 4268       | Medium (E26) | 60      |
| 200   | A23   | 130   | 01259  | 200A23/IF 130V SILICONE (PK X 60) | 3600           | Frosted    | CC-8          | 6.31         | 2.63           | 2120       | Medium (E26) | 60      |

## Incandescent Reflector, Bulge Reflector Lamps

| Watts | Shape | Volts | Part # | Description                        | Initial Lumens | Finish     | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base         | Pack By |
|-------|-------|-------|--------|------------------------------------|----------------|------------|---------------|--------------|----------------|------------|--------------|---------|
| 30    | R20   | 130   | 01910S | 30R20 FL 130V (PK X 12)            | 220            | Frosted    | C-9           | 3.94         | 2.5            | 2000       | Medium (E26) | 12      |
| 30    | R20   | 120   | 01911  | 30R20/LL 120V (PK X 12)            | 335            | Frosted    | CC-6          | 4            | 2.5            | 2500       | Medium (E26) | 12      |
| 45    | R20   | 120   | 01749  | 45R20/LL/FL 120V (PK X 12)         | 385            | Frosted    | CC6           | 3.94         | 2.5            | 2500       | Medium (E26) | 12      |
| 65    | BR30  | 130   | 01222  | 65BR30 FL 130V (PK X 12)           | 605            | Frosted    | CC6           | 5.38         | 3.75           | 4000       | Medium (E26) | 12      |
| 65    | BR40  | 130   | 01750  | 65BR40/FL60 130V (PK X 24)         | 565            | Frosted    | CC6           | 6.5          | 5              | 4000       | Medium (E26) | 24      |
| 65    | BR40  | 130   | 01752  | 65BR40/FL60 SILICONE (PK X 24)     | 565            | Frosted    | CC6           | 6.5          | 5              | 4000       | Medium (E26) | 24      |
| 100   | BR38  | 120   | 01600  | 100PAR/BR38/1/CL (PK X 12)         | n/a            | Clear      | CC6           | 5.5          | 4.75           | 2000       | Medium (E26) | 12      |
| 100   | BR38  | 120   | 01672  | 100PAR/BR38 RED (PK X 6)           | n/a            | Red        | CC6           | 5.5          | 4.75           | 2000       | Medium (E26) | 6       |
| 100   | BR38  | 120   | 01673  | 100PAR/BR38/GREEN (PK X 6)         | n/a            | Green      | CC6           | 5.5          | 4.75           | 2000       | Medium (E26) | 6       |
| 100   | BR38  | 120   | 01674  | 100PAR/BR38 YELLOW (PK X 6)        | n/a            | Yellow     | CC6           | 5.5          | 4.75           | 2000       | Medium (E26) | 6       |
| 120   | BR40  | 130   | 01721I | 120BR40/FL 130V (PK X 24)          | 1380           | Clear      | C-9           | 6.5          | n/a            | 5000       | Medium (E26) | 24      |
| 125   | BR40  | 120   | 01729  | 125BR40/1(SOFT GLASS)120V (PK X 6) | n/a            | Clear      | C-9           | 5            | 6.5            | 5000       | Medium (E26) | 6       |
| 150   | BR38  | 130   | 01615  | 150PAR/1/5FL VS (PK X 12)          | 1315           | Clear      | C11           | 5.5          | 4.75           | 10000      | Medium (E26) | 12      |
| 250   | BR40  | 120   | 01730  | 250BR40/1 120V (PK X 12)           | 1600           | Soft White | CC-9          | 5            | 6.5            | 5000       | Medium (E26) | 12      |
| 250   | BR40  | 120   | 01731  | 250BR40/1 120V (PK X 2)            | 1600           | Soft White | CC-9          | 5            | 6.5            | 5000       | Medium (E26) | 2       |
| 250   | R40   | 120   | 01718I | 250R40/RED/NLB(LOCKING-BASE)       | n/a            | Red        | n/a           | 5            | 6.5            | 6000       | Medium (E26) | 12      |
| 250   | R40   | 120   | 01696W | 250R40/HT/CLEAR (PK X 2)           | n/a            | Clear      | n/a           | 6.5          | 5              | 5000       | Medium (E26) | 2       |
| 250   | R40   | 120   | 01697W | 250R40/HT/CLEAR (PK X 12)          | n/a            | Clear      | n/a           | 6.5          | 5              | 5000       | Medium (E26) | 12      |
| 250   | R40   | 120   | 01698W | 250R40/HT/RED (PK X 2)             | n/a            | Red        | n/a           | 6.5          | 5              | 5000       | Medium (E26) | 2       |
| 250   | R40   | 120   | 01699W | 250R40/HT/RED (PK X 12)            | n/a            | Red        | n/a           | 6.5          | 5              | 5000       | Medium (E26) | 12      |
| 300   | BR40  | 120   | 01728  | 300BR40 FL 130V (PK X 24)          | 2480           | Frosted    | C11           | 6.5          | 5              | 2000       | Medium (E26) | 24      |

## Incandescent PAR Lamps

| Watts | Shape | Volts | Part # | Description                         | Initial Lumens | Finish | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base                 | Pack By |
|-------|-------|-------|--------|-------------------------------------|----------------|--------|---------------|--------------|----------------|------------|----------------------|---------|
| 8     | PAR36 | 6     | 01669G | PAR36 H7551 6V (PK X 12)            | 550            | Clear  | C-6           | 2.75         | 4.5            | 50         | Screw Terminals      | 12      |
| 8     | PAR36 | 12    | 01679G | PAR36 H7555 12V (PK X 12) SIL       | 550            | Clear  | C-6           | 2.75         | 4.5            | 50         | Screw Terminals      | 12      |
| 12    | PAR36 | 6     | 01675G | PAR36 H7553 6V (PK X 12)            | 850            | Clear  | C-6           | 2.75         | 4.5            | 50         | Screw Terminals      | 12      |
| 12    | PAR36 | 12    | 01670G | PAR36 H7557 12V (PK X 12)           | 850            | Clear  | C-6           | 2.75         | 4.5            | 50         | Screw Terminals      | 12      |
| 18    | PAR36 | 13    | 01683G | PAR36/4414 SEAL BEAM/18W 13V PKX60  | 1500           | Clear  | C-6           | 2.75         | 4.5            | 300        | Screw Terminals      | 60      |
| 25    | PAR36 | 12    | 01107G | 25PAR36/VWFL 12V (PK X 12)          | 150            | Clear  | C-6           | 2.75         | 4.5            | 2000       | Screw Terminals      | 12      |
| 30    | PAR36 | 13    | 01667G | PAR36 4405 12.8V (PK X 12)          | 50000          | Clear  | C-6           | 2.75         | 4.5            | 100        | Screw Terminals      | 12      |
| 60    | PAR36 | 36    | 01612G | PAR36 4350 SEALED BEAM 36V (PK X12) | 2100           | Clear  | C-2V          | 2.75         | 4.5            | 400        | Slip-on Terminals    | 12      |
| 80    | PAR36 | 48    | 01677G | PAR36 4340 SEALED BEAM 48V(PK X 12) | 2500           | Clear  | C-2V          | 2.75         | 4.5            | 400        | Screw Terminals      | 12      |
| 175   | PAR38 | 125   | 01613  | 175PAR38 HEAT/CLEAR 120V (PK X 12)  |                | Clear  | C-9           | 5.3          | 4.75           | 5000       | Medium Skirted (E26) | 12      |
| 250   | PAR38 | 120   | 01625S | 250PAR38/CAP/SPL/FL30 120V(PKX6)    | 3600           | Clear  | CC-8          | 5.31         | 4.75           | 4500       | Medium Skirted (E26) | 6       |

## Decorative Incandescent Lamps

| Watts | Shape  | Volts | Part #   | Description                       | Initial Lumens | Finish  | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base             | Pack By |
|-------|--------|-------|----------|-----------------------------------|----------------|---------|---------------|--------------|----------------|------------|------------------|---------|
| 25    | F10.5  | 120   | 01805    | 25F10 1/2 MED 120V SILICONE(PKX4) | 300            | Clear   | CC-8          | 4.4          | 1.3            | 3000       | Medium (E26)     | 4       |
| 40    | F15    | 120   | 01817S   | 40F15/CL 120V (PK X 24)           | 422            | Clear   | C-7A          | 4.5          | 1.88           | 1500       | Medium (E26)     | 24      |
| 40    | F15    | 120   | 01806S   | 40F15/CL SILICONE (PK X 24)       | 422            | Clear   | C-7A          | 4.5          | 1.88           | 1500       | Medium (E26)     | 24      |
| 40    | B9.5   | 130   | 01822SAT | 40B9.5/CL 130V SIL (PK X 25)      | 384            | Clear   | CC-V2         | 3.5          | 1.1875         | 2500       | Candelabra (E12) | 25      |
| 40    | B11    | 130   | 01823SAT | 40B11 130V SIL (PK X 25)          | 360            | Frosted | CC-V2         | 3.88         | 1.375          | 2500       | Medium (E26)     | 25      |
| 60    | F15    | 120   | 01808    | 60F15/CL/LL 120V (PK X 24)        | 660            | Clear   | C-9           | 4.5          | 1.88           | 2000       | Medium (E26)     | 24      |
| 60    | F15    | 120   | 01809    | 60F15/CL/LL 120V (PK X 12)        | 660            | Clear   | C-9           | 4.5          | 1.88           | 2000       | Medium (E26)     | 12      |
| 60    | F15    | 120   | 01807    | 60F15/CL/LL SILICONE (PK X 12)    | 660            | Clear   | C-9           | 4.5          | 1.88           | 2000       | Medium (E26)     | 12      |
| 60    | BA10.5 | 130   | 01821I   | 60TM/TC/BX 130V (PK X 25)         | 220            | Clear   | CC2           | 3.75         | 0              | 3000       | Medium (E26)     | 25      |

## Other Incandescent Lamps

| Watts | Shape  | Volts | Part # | Description                     | Initial Lumens | Finish  | Filament Type | Length (in.) | Diameter (in.) | Life Hours | Base               | Pack By |
|-------|--------|-------|--------|---------------------------------|----------------|---------|---------------|--------------|----------------|------------|--------------------|---------|
| 7.5   | S11    | 130   | 01033I | 7 1/2 S11/MED 130V (PK X 25)    | 40             | Clear   | C-7A          | 2.25         | 0              | 1500       | Medium (E26)       | 25      |
| 15    | S11    | 120   | 01037G | 15S11 CL 120V (PK X24)          | 120            | Clear   | C-7A          | 2.25         | 1.38           | 400        | Medium (E26)       | 24      |
| 20    | T6 1/2 | 130   | 01013I | 20T6 1/2 CL/INT (PK X 25)       | 150            | Clear   | C-8           | 5.5          | 0              | 2000       | Intermediate (E17) | 25      |
| 25    | T10    | 130   | 01004I | 25T10/CL 130V (PK X 6)          | 180            | Clear   | C-5           | 5.63         | 1.25           | 2000       | Medium (E26)       | 6       |
| 25    | T20    | 130   | 01034S | 25T6 1/2 CL 130V (PK X 60)      | 242            | Clear   | C-8           | 5.5          | 0.81           | 1000       | Intermediate (E17) | 60      |
| 40    | G25    | 120   | 02003G | 40G25 W 120V (PK X 24)          | 370            | White   | C-6           | 4.5          | 3.13           | 1500       | Medium (E26)       | 24      |
| 40    | T10    | 130   | 01005I | 40T10/CL 130V (PK X 6)          | 260            | Clear   | c-5           | 5.63         | 1.25           | 2000       | Medium (E26)       | 6       |
| 40    | T20    | 120   | 01036S | 40T6.5 CL 120V (PK X 6)         | 365            | Clear   | C-8           | 5.5          | 0.81           | 1000       | Intermediate (E17) | 6       |
| 40    | T6 1/2 | 120   | 01042G | 40T6 1/2 FROST (PK X 60)        | 420            | Frosted | C-8           | 5.5          | 0.81           | 750        | Intermediate (E17) | 60      |
| 60    | T10    | 120   | 01003  | 60T10/CL 120V (PK X 24)         | 520            | Clear   | C-8           | 5.63         | 1.25           | 1000       | Medium (E26)       | 24      |
| 150   | PS25   | 130   | 01531I | 150PS25/IF/5M 130V (PK X 60)    | 1650           | Frosted | C-9           | 6.81         | 0              | 5000       | Medium (E26)       | 60      |
| 165   | P25    | 130   | 01527G | 1950P25/L/TS (PK X 60)          | 1950           | Clear   | C-9           | 4.75         | 3.13           | 8000       | Medium (E26)       | 60      |
| 200   | PS30   | 130   | 01511S | 200PS30 IF/RS 130V (PK X 60)    | 3080           | Frosted | C-9           | 8.06         | 3.75           | 1000       | Medium (E26)       | 60      |
| 200   | PS25   | 130   | 01530I | 200PS25/IF/5M 130V (PK X 60)    | 2400           | Frosted | C-9           | 6.81         | 0              | 5000       | Medium (E26)       | 60      |
| 300   | PS30   | 120   | 01512  | 300M/PS30/IF 120-130V (PK X 60) | 6100           | Frosted | C-9           | 8.06         | 3.75           | 750        | Medium (E26)       | 60      |
| 300   | PS35   | 120   | 01513  | 300PS35 IF 120-130V (PK X 12)   | 5700           | Frosted | C-9           | 9.38         | 4.4            | 1000       | Mogul (E39)        | 12      |
| 300   | PS35   | 130   | 01514S | 300PS35 IF 130V (PK X 24)       | 5250           | Frosted | C-9           | 9.38         | 4.38           | 1000       | Mogul (E39)        | 24      |
| 300   | PS30   | 130   | 01520S | 300PS30M CL 130V (PK X 60)      | 5820           | Clear   | C-9           | 8.06         | 3.75           | 750        | Medium (E26)       | 60      |
| 300   | PS25   | 130   | 01525I | 300M/PS25/IF/99 130V (PK X 60)  | 3595           | Frosted | C-9           | 6.81         | 0              | 5000       | Medium (E26)       | 60      |



**Applications:**  
 Walk-In Coolers  
 Range Hoods  
 Food Prep Areas  
 Storage Areas  
 Entrance/Exit Doors  
 Docking Areas

## Shat-R-Shield Specialty Products: Thinking outside the bulb.

Shat-R-Shield is known as the expert when it comes to coating lamps, but the protective features available through the safety coatings doesn't stop there. As a leader in innovation, Shat-R-Shield is constantly researching, testing and moving forward with new products that benefit from the application of one of the premium safety coatings available.

Aside from shatter-resistant lamps, one of the most popular items is the safety coated glass globe. These globes are designed to be safely used in food preparation and storage areas to protect employees, products and worksites from contamination by broken glass. Available with a PFA or silicone coating, the globes are transparent, allowing for lumen output and range of vision. They are easy to clean and have excellent resistance to extreme hot or cold. Just like the lamps, the safety coating on glass globes is guaranteed not to yellow, crack or flake.

### Glass Globes

| Part # | Description                      | Length (in.) | Width (in.) | Coating Material | Pack By |
|--------|----------------------------------|--------------|-------------|------------------|---------|
| G1001  | GLASS GLOBE VAPORTIGHT (PK X 32) | 6.75         | 3           | Copolymer        | 32      |
| G1002  | GLASS GLOBE VAPORTIGHT (PK X 2)  | 6.75         | 3           | Copolymer        | 2       |
| G1003  | GLASS GLOBE (PK X 32) SILICONE   | 6.75         | 3           | Silicone         | 32      |
| G1004  | GLASS GLOBE (PK X 2) SILICONE    | 6.75         | 3           | Silicone         | 2       |

