

Gold Lamps

Sub Brand	Watts	Part #	Description	Length (in.)	Life Hours	Bulb	Base	Pack By
GE	24	80529G	F24T5 SRS/GOLD (PK X 40)	21.6	36000	T5	Miniature Bi-Pin (G5)	40
GE	39	87529G	F39T5 SRS/GOLD (PK X 40)	33.4	36000	T5	Miniature Bi-Pin (G5)	40
Halco	54	82569H	F54T5 HO/SRS/GOLD (PK X 25)	46	24000	T5	Miniature Bi-Pin (G5)	25
GE	17	20509G	F17T8 SRS/GOLD/ECO (PK X 24)	24	36000	T8	Medium Bi-Pin (G13)	24
GE	25	45509G	F25T8 SRS/GOLD/ECO (PK X 24)	36	36000	T8	Medium Bi-Pin (G13)	24
Philips	25	45389	F25T8 SRS/GOLD/41K (PK X 30)	36	36000	T8	Medium Bi-Pin (G13)	30
Philips	32	45479	F32T8 SRS/GOLD/41K (PK X 30)	48	36000	T8	Medium Bi-Pin (G13)	30
Philips	25	45489	F25T8 SRS/GOLD/ALTO (PK X 30)	36	42000	T8	Medium Bi-Pin (G13)	30
Philips	32	46527	F32T8 SRS/GOLD/ALTO (PK X 30)	48	36000	T8	Medium Bi-Pin (G13)	30
Sylvania	25	45499S	F25T8/SRS/GOLD/ECO (PK X 30)	36	35000	T8	Medium Bi-Pin (G13)	30
Philips	40	30261	F40T12 SRS/GOLD/ALTO (PK X 30)	48	24000	T12	Medium Bi-Pin (G13)	30
Philips	110	84569	F96T12/SRS/GOLD/HO-0/ALTO/TSC(PKX15)	96	14000	T12	Recessed Double Contact (R17d)	15

Blacklight Lamps

Sub Brand	Watts	Part #	Description	Length (in.)	Life Hours	Bulb	Base	Pack By
Sylvania	8	12090S	F8T5 BLB (PK X 24)	12	7500	T5	Miniature Bi-Pin (G5)	24
Havells	15	17191I	F15T8 BL (PK X 6)	18	10000	T8	Medium Bi-Pin (G13)	6
Havells	15	17201I	F15T8 BLB (PK X 6)	18	10000	T8	Medium Bi-Pin (G13)	6
Sylvania	15	17192S	F15T8 BL (PK X 6)	18	7500	T8	Medium Bi-Pin (G13)	6
Sylvania	15	17202S	F15T8 BLB (PK X 6)	18	7500	T8	Medium Bi-Pin (G13)	6
Sylvania	25	45192S	F25T8 BL (PK X 24)	18	7500	T8	Medium Bi-Pin (G13)	24
Havells	30	27191I	F30T8 BL(PK X 25)	36	7500	T8	Medium Bi-Pin (G13)	25
Sylvania	30	27192S	F30T8 BL (PK X 24)	36	7500	T8	Medium Bi-Pin (G13)	24
PQL	32	46491Q	F32T8 BLB (PK X 30)	48	20000	T8	Medium Bi-Pin (G13)	30
GE	20	23190G	F20T12 BL (PK X 15)	24	9000	T12	Medium Bi-Pin (G13)	15
GE	20	23200G	F20T12 BLB (PK X 15)	24	9000	T12	Medium Bi-Pin (G13)	15
GE	40	30190G	F40T12 BL (PK X 15)	48	20000	T12	Medium Bi-Pin (G13)	15
Halco	40	30202H	F40T12 BLB (PK X 15)	48	20000	T12	Medium Bi-Pin (G13)	15
Havells	20	23191I	F20T12 BL (PK X 15)	24	9000	T12	Medium Bi-Pin (G13)	15
Havells	40	30191I	F40T12 BL (PK X 15)	48	20000	T12	Medium Bi-Pin (G13)	15
Havells	40	30791I	F40T12 BL (PK X 6)	48	20000	T12	Medium Bi-Pin (G13)	6
Sylvania	22	18190S	F15T12 350BL (PK X 30)	15	7500	T12	Medium Bi-Pin (G13)	30
Sylvania	32	22190S	F18T12 350BL/700PH (PK X 30)	18	7500	T12	Medium Bi-Pin (G13)	30
Sylvania	20	23190S	F20T12 BL (PK X 15)	24	9000	T12	Medium Bi-Pin (G13)	15
Sylvania	40	30190S	F40T12 BL (PK X 15)	48	20000	T12	Medium Bi-Pin (G13)	15

Germicidal Lamps

Sub Brand	Watts	Part #	Description	Length (in.)	Life Hours	Bulb	Base	Pack By
Ushio	39	86911U	G36T5L GERMICIDAL (PK X 2)	33.3	9000	T5	Single Pin (Fa8)	2
Ushio	39	86912U	G36T5L/4P GERMICIDAL (PK X 2)	33.3	9000	T5	4 PIN	2
Ushio	15	86907U	G15T8 GERMICIDAL (PK X 2)	17.16	8000	T8	Medium Bi-Pin (G13)	2
Ushio	25	86913U	G25T8 GERMICIDAL (PK X 2)	17.16	8000	T8	Medium Bi-Pin (G13)	2
Ushio	30	86908U	G30T8 GERMICIDAL (PK X 2)	35.16	8000	T8	Medium Bi-Pin (G13)	2

Coated UV/Germicidal Lamps

Product Bulletin

Effective, Convenient & Economical Source for Minimizing Bacterial Contamination

DESCRIPTION

Shat-R-Shield coated, UV/Germicidal Lamps emit high-output UV (ultraviolet) radiation for the primary purpose of inactivating bacteria, viruses, spores and molds in controlled environments. This popular and effective method of disinfection is a cost-effective, *physical process* rather than chemical. Shat-R-Shield lamps are safety protected from end-to-end with exclusive, patented coating.



FEATURES *Safety-Coated UV/Germicidal Lamps*

- UV/Germicidal Lamps are low-pressure, mercury-arc lamps that emit radiation peaking at 253.7 nm (UV-C). Lower mercury content meets ecological demands.
- UV/Germicidal Lamps are fabricated from specialized quartz glass for maximum, high-output, UV production. High-purity lamp construction stabilizes UV output and provides longer service life.
- With safety coating (minimum 16-mils thick), 93.6% of total UV radiation is emitted.
- SHAT-R-SHIELD lamps are not recommended for use in ambient temperatures contrary to the original lamp manufacturer's specifications (contact our Customer Service Department for more information).
- The clear and tough, safety coating reduces light output by only less than 1% and is a minimum of 10-mils thick.
- Shat-R-Shield coatings are certified by **UL**[®] and **NSF**[®], are **USDA** approved and meet **FDA**, **OSHA**, **CFIA** (Canadian Food Inspection Agency) and Mexico Department of Agriculture, Livestock and Rural Development standards.
- If a Shat-R-Shield lamp is dropped or broken, virtually all glass, phosphors, and mercury are safely contained within the skin-tight coating.

APPLICATIONS

The Shat-R-Shield line of coated UV/Germicidal lamps are ideal for use in specialized environments to inactivate micro-organisms:

- medical facilities
- clean rooms
- food processing
- water treatment systems
- HVAC systems
- pharmaceutical production

where **performance** and **safety** are important issues.

GUARANTEE

The safety coating on a Shat-R-Shield Germicidal Lamp is guaranteed for the rated-life of the lamp.



Shat-R-Shield offers a complete line of safety-coated, shatterproof lamps including fluorescents, incandescents & HID's



SPECIFICATIONS *Safety-Coated, UV/Germicidal Lamps*

UPC Catalog Order #	Description	Dimensions				Watts	Current (amps)	Volts	Spectral Peak (nm)	UV Output (W)	Avg. Life (hours)	Base
		Length (mm)	Length (in.)	Diameter (mm)	Diameter (in.)							
T5 - MINIATURE BI-PIN G5 BASE												
86905U	G8T5	287.0	11.30	15.5	0.61	7.2	0.145	57.0	253.7	2.2	8000	G5
86906U	G16T5	287.0	11.30	15.5	0.61	16.0	0.350	50.0	253.7	3.2	8000	G5
T8 - MEDIUM BI-PIN G13 BASE												
86907U	G15T8	436.0	17.16	25.5	1.00	15.0	0.305	55.0	253.7	4.9	8000	G13
86908U	G30T8	893.0	35.16	25.5	1.00	30.5	0.355	99.0	253.7	13.9	8000	G13
T5 - SINGLE PIN												
86911U	G36T5L	846.0	33.31	15.5	0.61	39.0	0.424	115.0	253.7	13.0	9000	1-Pin
T5 - 4-PIN BASE												
86912U	G36T5L/4P	846.0	33.31	15.5	0.61	39.0	0.424	115.0	253.7	13.0	9000	4-Pin

NOTE: If you do not see the lamp you require, please contact our Customer Service Department for availability and pricing.

Average lamp life and output measurements taken under laboratory conditions in open air.

Lamps are cycled for 2-hours, 45-minutes **on** / 15-minutes **off** when testing life output.

Lamp data is for reference only. Actual lamp performance depends on system design and operating conditions.

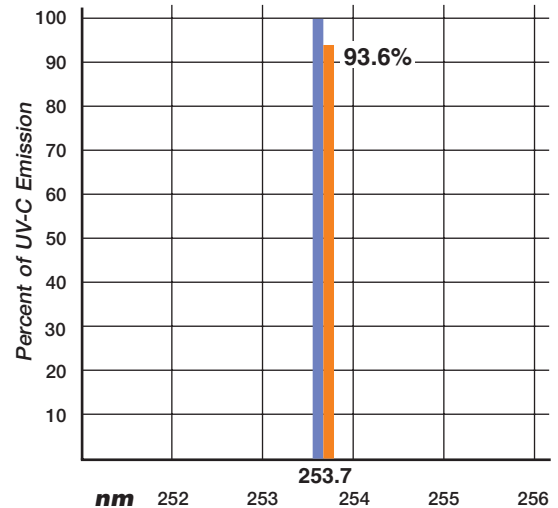
WARNING

These lamps can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation. Radiation from these lamps is harmful to the eyes and skin. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used.

Protect your eyes and skin when operating UV/Germicidal lamps.

Equipment should be designed to completely screen or filter UV-C radiation.

The UV-C radiation output of these lamps is indicated by the following warning sign:



— Uncoated UV-C Lamp
— Coated Shat-R-Shield UV-C Lamp



USDA Approved, Meets FDA, OSHA, CFIA (Canadian Food Inspection Agency) and Mexican Department of Agriculture, Livestock and Rural Development Regulations

shat-r-shield INC.
PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS

