

Philips TuffGuard™ Incandescent Coated Lamps

Outstanding performance and reliability



Ideal for factory lighting, new construction, food serving areas, refrigerators, garden fountains, and drop cords

► Philips TuffGuard™ Coated Lamps

- The coating is designed to minimize glass shattering in the event a lamp is dropped or accidentally broken
- Coating will not yellow, crack, or flake
- Easy to clean non-stick coating

► Lighting Required to be Shielded or Otherwise Protected in Food Service and Food Processing Areas

- FDA Food Code
 - Chapter 6, Section 202.11
- FDA Plant Construction & Design
 - 21CFR110.20
- OSHA
 - 29CFR1910.305(a)(2)(iii)(F) Wiring methods, components, and equipment for general use



PHILIPS

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Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Description	Watts	Volts	Pkg Qty	Bulb	Base	Rated Average Life (hrs) ¹	Symbol/ Footnote	Availability
20178-0	25A/IF/TG 130V 24/2	25	130	24/2	A-19	Medium	2500	10	Made to Order
20179-8	25T10/TG 120/130V 24/1	25	120	24	T-10	Medium	1000	10	Made to Order
20181-4	30R20/TG 120V 12/1	30	120	12	R-20	Medium	2000	6, 10	Made to Order
20182-2	40A15/TG 120/130V 120/1	40	120	120	A-15	Medium	1000	10	Made to Order
20183-0	40A/CL/TG 120/130V 48/1	40	120	48	A-19	Medium	1500	10	Made to Order
20184-8	40T10/TG 120/130V 24/1	40	120	24	T-10	Medium	1000	10	Made to Order
20185-5	50A/RS/TG 120/130V 120/1	50	120	120	A-19	Medium	1000	10	Made to Order
20187-1	50R20/TG 120V 12/1	50	120	12	R-20	Medium	2000	6, 10	Made to Order
20188-9	60A19/35/TG 120V 48/1	60	120	48	A-19	Medium	3500		Made to Order
15925-1	60A/35/TG 130V 48/1	60	120	48	A-19	Medium	3500		Stocked
20471-9	60F15/CL/TG	60	120	24	F-15	Medium	1500	10	Made to Order
20190-5	65BR30/FL55/TG 120V 12/1	65	120	12	BR-30	Medium	2000	6, 10	Made to Order
20191-3	65BR30/FL55/TG 130V 12/1	65	130	12	BR-30	Medium	2000	6, 10	Made to Order
20192-1	75A/RS/VS 120/130V 12/1	75	120	12	A-19	Medium	1000	10	Made to Order
20195-4	75A/TG 120V 48/1	75	120	48	A-19	Medium	750	10	Made to Order
15933-5	75A/TG 130V 48/1	75	120	48	A-19	Medium	750	10	Stocked
20018-8	75A/RH/TG 120/130V 12/1	75	120	12	A-21	Medium	1000	10	Stocked
15934-3	100A/TG 130V 48/1	100	130	48	A-19	Medium	750	10	Stocked
15927-7	100A/RS/VS/BR/TG 120/130V 60/1	100	120	60	A-21	Medium	1000		Stocked
15923-6	100PAR1/CL/TG 130V 12/1	100	130	12	BR-38	Medium	2000	2, 3, 4	Stocked
20196-2	100A/CL/RS/VS/TG 120/130V 60/1	100	120	60	A-21	Medium	1000	10	Made to Order
20197-0	100A21/TG 120/130V 120/1	100	120	120	A-21	Medium	750	10	Made to Order
20198-8	100A21/99/TG 120/130V 60/1	100	120	60	A-21	Medium	2500	10	Made to Order
20199-6	120BR/FL60/TG 130V 24/1	120	130	24	BR-40	Medium	2000	6, 10	Made to Order
20200-2	120BR/FL60/TG 120V 24/1	120	120	24	BR-40	Medium	2000	6, 10	Made to Order
15930-1	125BR40/1/TG 120V 4/1	125	120	4	BR-40	Medium	5000	5, 6, 7	Stocked
15931-9	150A/35/RS/BR/TG 120/130V 60/1	150	120	60	A-21	Medium	3500		Stocked
20203-6	150BR38/FL/TG 130V 6/1	150	130	6	BR-38	Medium	2000	2, 3, 4	Made to Order
20204-4	200A/99/TG A23 120/130 60/1	200	120	60	A-23	Medium	2500	10	Made to Order
20472-7	200PS30/RS/IF/TG	200	120-130	60	PS-30	Medium	1000	10	Made to Order
15932-7	250R40/HR/TG 120V 4/1	250	120	4	R-40	Medium	5000	5, 6, 7	Stocked
20205-1	250BR40/1/TG 120V 4/1	250	120	4	BR-40	Medium	5000	5, 6	Made to Order
20206-9	300M/99IF PS25 120V 60/1	300	120	60	PS-25	Medium	2500	10	Made to Order
20207-7	300M/PS30/IF/TG 120/130V 60/1	300	120	60	PS-30	Medium	750	10	Made to Order
20474-3	300/IF/TG	300	120-130	12	PS-35	Mogul	1000	10	Made to Order

1. Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

INSTRUCTIONS AND WARNINGS:

- Should not be used in equipment where the base temperature will exceed 500°F.
- Light output is maintained best when operated within 45° of vertically base up.
- The bulb, though made of heat resistant glass, may break if moisture falls on it. Not recommended for use in enclosed, close fitting housings.
- Average laboratory life in excess of 5000 hours. In-service life depends upon service conditions.
- Do not allow hot bulb to come in contact with liquid or metal parts of the fixture as glass may shatter. Do not use outdoors. Do not operate in close proximity to flammable materials or those adversely affected by heat or drying. Operate only in heat resistant sockets.
- **CAUTION:** Do not operate in close proximity to flammable materials or those adversely affected by heat or drying. Operate only in heat resistant sockets.
- **WARNING:** Use carefully. May cause serious burns. Do not use over insensitive skin areas or in the presence of poor circulation. The unattended use of infrared heat by children or incapacitated persons may be dangerous.
 - Lamp should not be placed closer than 18" to the surface being irradiated.
 - Do not use for therapeutic or topical applications unless recommended by a physician.
 - For food warming, use only lamps with heat resisting glass.
- Design volts 115.
- Operate only in porcelain sockets.
- Aluminum base.

Made to order requires 3 week lead time
(No product returns on made to order lamps)



WARNINGS:

- Coating can withstand bulb-wall temperatures of up to 500°F
- Lamps should not be used in enclosed fixtures or fixtures that do not allow heat dissipation.
- Lamps must be installed and operating in ambient temperature below 150°F
- Under extreme conditions glass fragments may escape the coating