

Philips Energy Saver
TuffGuard™ Compact
Fluorescent lamps

*Ideal for construction,
warehouse, food service,
mines and construction
site applications*

TuffGuard™



Energy saving lamp for tough applications

Philips Energy Saver TuffGuard™ compact fluorescent lamp features a shatter-resistant cover for use in a variety of applications where extra protection is required.

Energy saving replacement for incandescent bulbs

- Shatter-resistant cover contains glass fragments in the event a lamp is dropped or accidentally broken
- Circuit designed with end of life protection
- Electronics and tube design optimize life and light output
- Glass coating process enables excellent lumen maintenance
- RoHS compliant
- UL approved for use in food processing applications

Long Life

- Lasts at least 9 years*

Energy Savings

- Saves up to \$57 over the life of the lamp when you replace a 75W T20 incandescent lamp with a 18W energy saving TuffGuard lamp**

* Based on an average daily usage of approximately 3 hours average usage per day / 7 days per week.

** Energy savings based on wattage saved x replacement lamp rated average life (10000 hours) / 1000 x 0.10 kWh rate.

PHILIPS

sense and simplicity

Philips Energy Saver TuffGuard™ Compact Fluorescent Lamps

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

Product Number	Description	Volts	Watts	Approx. Incan. Equiv.	Base	Color Temp.	CRI	Approx. Initial Lumens ¹	MOL (In.)	Diam. (In.)	Rated Avg. Life (Hrs.) ²	Min. Starting Temp. ³	Max. Ambient Temp. ³
13578-0	EL/O 18W	120	18	75T20	Med.	2700	82	1100	6	2½	10,000	-4°F/-20°C	122°F/50°C

Shipping Data

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	SKUs Per Layer	Layers High	SKU Dimensions (W x D x H)(In.)	Case Dimensions (W x D x H)(In.)	Pallet Dimensions (W x D x H)(In.)
13578-0	13578-2	13578-7	6	3.0	0.2	1440	240	6	2.6 x 2.6 x 6.3	5.8 x 8.3 x 7.3	39.8 x 47.8 x 43.9

1) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life under standard laboratory conditions.

2) Rated average life is the life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Use in recessed cans or enclosed fixtures could result in reduced lamp life.

3) The minimum and maximum starting temperatures are the temperatures at which the lamp will reliably start.

WARNINGS & CAUTIONS: Do not use with dimmers or with emergency exit fixtures or lights. Some electronic timer and photosensor switches contain dimming circuitry, so before using such a switch, check with its manufacturer to ensure compatibility with electronic CFL bulbs. Outdoor use requires a weather-protected fixture. Use in recessed cans or enclosed fixtures may reduce lamp life. Turn off power before changing bulb. This device complies with Part 18 of the FCC Rules.

Note: This product may cause interference with radios, televisions, telephones, or remote controls. If interference occurs, move this product away from device or plug into another outlet.

Lighting requirements 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—21CFR 110.20
- OSHA—29CFR 1910.305(a)(2)(iii)(F) Wiring methods, components, and equipment for general use

Bulb Type	Table/Floor Lamp	Outdoor Postlight	Wall Sconce	Surface Mount	Reading Lamp	Recessed Fixture	Open Hanging	Vanity Strip	Ceiling Fan	Rough Service
Genie	•	•	•	•	•		•			
Twister	•	•	•	•	•		•			
Universal	•	•	•	•	•	•	•			
Reflector Flood						•				
Candle		•	•				•		•	
Vanity & Decor Globe							•	•	•	
A-Shape	•	•	•		•		•		•	
Outdoor		•								
TuffGuard™										•



© 2009 Philips Lighting Company. All rights reserved.
 Printed in USA 11/09
 P-6056
www.philips.com

Philips Lighting Company
 200 Franklin Square Drive
 Somerset, NJ 08873
 1-800-555-0050
 A Division of Philips Electronics North America Corporation

Philips Lighting
 281 Hillmount Road
 Markham, Ontario
 Canada L6C 2S3
 1-800-555-0050
 A Division of Philips Electronics Ltd.