

# Philips SILHOUETTE™ T5 High Output Fluorescent Lamps

The Most Powerful Lamp in the SILHOUETTE Family



Photo by Jeff MacWright of MacWright Studios

**Ideal for retail and commercial applications.**



## ▶ Slim Profile Lamp and Ballast

- Design flexibility
- Improved optical control

## ▶ Outstanding Lumen Performance

- HI-VISION® Phosphor combined with Philips exclusive cathode guard delivers:
- 95% lumen maintenance
  - Reduced lamp-end blackening

## ▶ Sustainable Lighting Solution

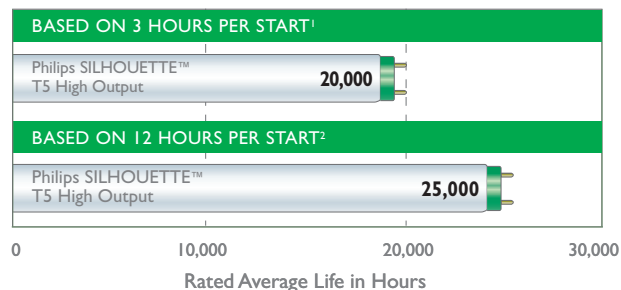
- Reduces the impact on the environment
- Low mercury
  - Energy efficient
  - Less material means less waste

## ▶ Operates on Programmed Start Ballasts

## ▶ Philips Silhouette T5 High Output Warranty: 24 Months

- 1) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.
- 2) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 12 operating hours. Lamp life is appreciably longer if lamps are started less frequently.

### Philips SILHOUETTE™ T5 High Output Lamps Rated Average Life



# PHILIPS

## Philips SILHOUETTE™ T5 High Output Fluorescent Lamps

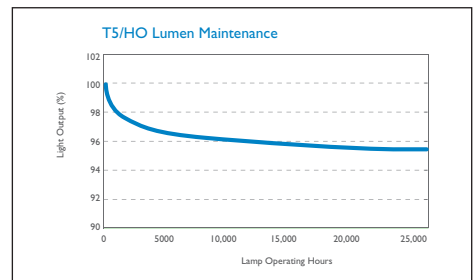
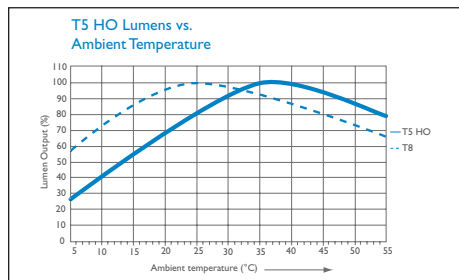
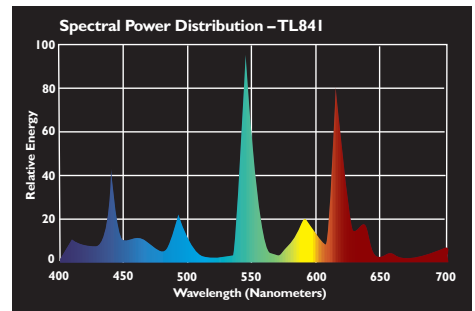
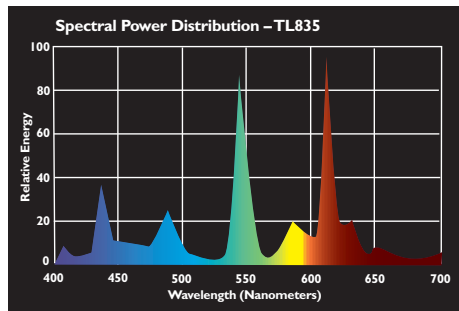
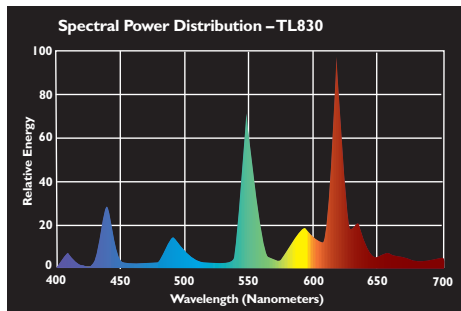
Electrical, Technical and Ordering Data (Subject to change without notice)

Product Number	Description	Nominal Watts	Standard Package Quantity	Color Temp. (Kelvin)	Nominal Length (in)	Rated Average Life (hrs) <sup>1</sup>	Approx. Initial Lumens <sup>2</sup>	Design Lumens <sup>3</sup>	Color Rendering CRI	Lumen Maintenance
29019-7	F24T5/830/HO/ALTO	24	40	3000K	22	20,000	2000	1900	85	95
29020-5	F24T5/835/HO/ALTO	24	40	3500K	22	20,000	2000	1900	85	95
29021-3	F24T5/841/HO/ALTO	24	40	4100K	22	20,000	2000	1900	85	95
29022-1	F39T5/830/HO/ALTO	39	40	3000K	34	20,000	3500	3325	85	95
29023-9	F39T5/835/HO/ALTO	39	40	3500K	34	20,000	3500	3325	85	95
29025-4	F39T5/841/HO/ALTO	39	40	4100K	34	20,000	3500	3325	85	95
29084-1	F80T5/830/HO	80	40	3000K	58	20,000	7000	6650	85	95
14744-7	F80T5/835/HO	80	40	3000K	58	20,000	7000	6650	85	95
29088-2	F80T5/841/HO	80	40	4100K	58	20,000	7000	6650	85	95

1) Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently.

2) Approximate initial lumens. The lamp lumen output is based upon lamp performance after 100 hours of operating life, when the output is measured during operation on a reference ballast under standard laboratory conditions.

3) Design lumens are the approximate lamp lumen output at 40% of the lamp's rated average life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.



† This lamp is better for the environment because of its reduced mercury content. All Philips ALTO® lamps give you end-of-life options which can simplify and reduce your lamp disposal costs depending on your state and local regulations.

