



F96T8 59W/84I Single Pin ALTO Plus ILP

Product family description

Philips leads the industry with the lowest level mercury technology. Reducing the mercury level (source reduction) during the manufacturing phase is essential to creating products that are less harmful to the environment.

Features

- Long Life—Up to 30,000 hours rated average life.
- T8 lamps means reduced maintenance and disposal costs.
- Environmentally Responsible—Low mercury.
- Sustainable Lighting Solution—Less mercury and fewer lamps in landfills, combined with energy efficiency reduces the impact on the environment.
- TCLP compliant*
- Available in 59 watts with 3000,3500,4100,and 5000 color temperatures.
- * Fluorescent lamps that are TCLP compliant reduce the amount of pollutants released into the environment.

Benefits

- Sustainable lighting solution - Reduces the impact on the environment—low mercury and energy efficient.
- Outstanding lumen maintenance - 95%.
- Reduced lamp end blackening.

Application

- Ideal for applications where long life is important.

Notes

- Rated 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. (202)
- Average life under engineering data with lamps turned off and restarted once every 12 operating hours.(241)

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- 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. (203)
- For expected lamp lumen output, commercial ballast manufacturers can advise the appropriate Ballast Factor for each of their ballasts when they are informed of the designated lamp. The Ballast Factor is a multiplier applied to the designated lamp lumen output. (204)
- 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. (208)
- Exclusive to Philips Lighting Company.

Footnotes

- This Bulb Meets US Federal Minimum Efficiency Standard.

Product data	
Product Number	236851
Full product name	F96T8 59W/841 Single Pin ALTO Plus ILP
Ordering Code	F96T8/TL841/PLUS/ALTO
Pack type	1 Lamp
Pieces per Sku	1
Skus/Case	25
Pack UPC	046677236854
EAN2US	
Case Bar Code	50046677236859
Successor Product number	
Base	Single Pin [Single Pin Fluorescent]
Base Information	Green Base
Bulb	T8
Packing Type	ILP [1 Lamp]
Packing Configuration	25
Type	F96T8
Feature	ALTO® Plus
Rated Avg. Life [3 hr Start]	24000 hr
Rated Avg Life [12 Hr Start]	30000 hr
Ordering Code	F96T8/TL841/PLUS/ALTO
Pack UPC	046677236854
Case Bar Code	50046677236859
Energy Saving	Energy Saving
Watts	59W
Mercury (Hg) Content	4.4 mg
Picogram per Lumen Hour	33 p/LuHr
Color Code	TL841 [CCT of 4100K]
Color Rendering Index	85 Ra8
Color Designation	TL841
Color Temperature	4100 K



Product data	
Initial Lumens	5900 Lm
Design Mean Lumens	5490 Lm
Nominal Length [inch]	96
Product Number	236851



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