



PHILIPS

Rapid Start Fluorescent Lamps

Feature: T12 Medium Bipin
Watts: 40
Bulb: T12
Base: Med. Bipin
Product Number: 046677-27309-4
Ordering Code: F40/41U/ALTO
Package Quantity: 30
Description: Ultralume, 4100K
CRI: 85
Average Life Hours: 20,000
Design Lumens: 2970
Nominal Length: 48
Approximate Initial Lumens: 3300
*This Bulb Meets US Federal
Minimum Efficiency Standard*



Footnotes

- 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.
- 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.
- Approximate hours of life for F40 lamps operated by standard Rapid Start ballasts at three hours per start. When these lamps are operated on modified Rapid Start or Preheat circuits the operating life will be reduced by approximately 25 percent. When employing dimming systems, or energy saving device systems the device manufacturer can advise of the effect of their system upon lamp life.
- Design Lumens are the approximate lamp lumen output at 40% of the lamps Rated Average Life. This output is based upon measurements obtained during lamp operation on a reference ballast under standard laboratory conditions.
- Features **ALTO**[®] Lamp Technology
- Highest Color Rendering Lamps (CRI[®]≥80)