



FLUORESCENT

## ProLume® Rapid Start T8



### Specifications:

- Saves up-to 40% on energy costs compared to standard T12 lamps
- Tri-phosphor coating provides high lumen output and excellent color rendering, up-to 86 CRI
- Cathode guard ensures maximum lumen output throughout lamp life by reducing end-blackening
- Brass pins
- F17, F25, F28, FB28, F32 and FB32 available in 700 and 800 Series
- 3000, 3500, 4100 and 5000K
- 30,000 Hours Average Rated Commercial Life
- 2-Year Guarantee
- Use 700 Series lamps in any application where color rendering is not crucial: office buildings, schools and manufacturing facilities
- Use 800 Series lamps for applications where color matching is critical: paint stores, hair salons, retail stores and print shops

- » High efficacy
- » Consistent lamp-to-lamp color
- » Long life helps reduce maintenance costs

### Markets:

- Industrial
- Commercial
- Municipal

### Applications:

- Office Buildings
- Schools
- Manufacturing
- Retail

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# ProLume Rapid Start T8

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Comments: \_\_\_\_\_ Date: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

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| Bulb Type                  | Watts | Base   | Product # | Product Code      | Description                | Pkg/Qty | Color Temp | CRI | Initial Lumens | Mean Lumens | Avg Rated Life | Commercial Life** | Nom Length (in) |
|----------------------------|-------|--------|-----------|-------------------|----------------------------|---------|------------|-----|----------------|-------------|----------------|-------------------|-----------------|
| <b>RAPID START</b>         |       |        |           |                   |                            |         |            |     |                |             |                |                   |                 |
| T8                         | 17    | Bi-Pin | 109320    | F17T8/730/ECO     | 730 Phosphor Eco-Shield®   | 25      | 3000       | 78  | 1350           | 1280        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 109322    | F17T8/735/ECO     | 735 Phosphor Eco-Shield®   | 25      | 3500       | 78  | 1350           | 1280        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 109324    | F17T8/741/ECO     | 741 Phosphor Eco-Shield®   | 25      | 4100       | 78  | 1350           | 1280        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 109326    | F17T8/750/ECO     | 750 Phosphor Eco-Shield®   | 25      | 5000       | 78  | 1350           | 1280        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 109802    | F17T8/835/ECO     | 835 Phosphor Eco-Shield®   | 25      | 3500       | 86  | 1400           | 1330        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 109804    | F17T8/841/ECO     | 841 Phosphor Eco-Shield®   | 25      | 4100       | 86  | 1400           | 1330        | 24000          | 30000             | 24"             |
| T8                         | 17    | Bi-Pin | 35180     | F17T8/850/ECO     | 850 Phosphor Eco-Shield®   | 25      | 5000       | 86  | 1400           | 1330        | 24000          | 30000             | 24"             |
| T8                         | 25    | Bi-Pin | 109340    | F25T8/730/ECO     | 730 Phosphor Eco-Shield®   | 25      | 3000       | 78  | 2150           | 2050        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 109342    | F25T8/735/ECO     | 735 Phosphor Eco-Shield®   | 25      | 3500       | 78  | 2150           | 2050        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 109344    | F25T8/741/ECO     | 741 Phosphor Eco-Shield®   | 25      | 4100       | 78  | 2150           | 2050        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 109346    | F25T8/750/ECO     | 750 Phosphor Eco-Shield®   | 25      | 5000       | 78  | 2150           | 2050        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 109808    | F25T8/835/ECO     | 835 Phosphor Eco-Shield®   | 25      | 3500       | 86  | 2250           | 2140        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 109810    | F25T8/841/ECO     | 841 Phosphor Eco-Shield®   | 25      | 4100       | 86  | 2250           | 2140        | 24000          | 30000             | 36"             |
| T8                         | 25    | Bi-Pin | 35162     | F25T8ES/830/ECO   | 830 Phosphor, Energy Saver | 25      | 3000       | 86  | 2500           | 2380        | 24000          | 30000             | 48"             |
| T8                         | 25    | Bi-Pin | 35172     | F25T8ES/835/ECO   | 835 Phosphor, Energy Saver | 25      | 3500       | 86  | 2500           | 2380        | 24000          | 30000             | 48"             |
| T8                         | 25    | Bi-Pin | 35173     | F25T8ES/841/ECO   | 841 Phosphor, Energy Saver | 25      | 4100       | 86  | 2500           | 2380        | 24000          | 30000             | 48"             |
| T8                         | 25    | Bi-Pin | 35174     | F25T8ES/850/ECO   | 850 Phosphor, Energy Saver | 25      | 5000       | 86  | 2500           | 2380        | 24000          | 30000             | 48"             |
| T8                         | 28    | Bi-Pin | 35175     | F28T8/830/ECO     | 830 Phosphor Eco-Shield®   | 25      | 3000       | 86  | 2800           | 2660        | 24000          | 30000             | 48"             |
| T8                         | 28    | Bi-Pin | 109364    | F28T8/835/ECO     | 835 Phosphor Eco-Shield®   | 25      | 3500       | 86  | 2800           | 2660        | 24000          | 30000             | 48"             |
| T8                         | 28    | Bi-Pin | 109366    | F28T8/841/ECO     | 841 Phosphor Eco-Shield®   | 25      | 4100       | 86  | 2800           | 2660        | 24000          | 30000             | 48"             |
| T8                         | 28    | Bi-Pin | 109368    | F28T8/850/ECO     | 850 Phosphor Eco-Shield®   | 25      | 5000       | 86  | 2800           | 2660        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109412    | F32T8/730/ECO     | 730 Phosphor Eco-Shield®   | 25      | 3000       | 78  | 2850           | 2700        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109414    | F32T8/735/ECO     | 735 Phosphor Eco-Shield®   | 25      | 3500       | 78  | 2850           | 2700        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109416    | F32T8/741/ECO     | 741 Phosphor Eco-Shield®   | 25      | 4100       | 78  | 2850           | 2700        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109418    | F32T8/750/ECO     | 750 Phosphor Eco-Shield®   | 25      | 5000       | 78  | 2850           | 2700        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109424    | F32T8/765/ECO     | 765 Phosphor Eco-Shield®   | 25      | 6500       | 78  | 2850           | 2700        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109398    | F32T8/830/ECO     | 830 Phosphor Eco-Shield®   | 25      | 3000       | 86  | 3050           | 2900        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109400    | F32T8/835/ECO     | 835 Phosphor Eco-Shield®   | 25      | 3500       | 86  | 3050           | 2900        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109402    | F32T8/841/ECO     | 841 Phosphor Eco-Shield®   | 25      | 4100       | 86  | 3050           | 2900        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109404    | F32T8/850/ECO     | 850 Phosphor Eco-Shield®   | 25      | 5000       | 86  | 3050           | 2900        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 109428    | F32T8/865/ECO     | 865 Phosphor Eco-Shield®   | 25      | 6500       | 86  | 3050           | 2900        | 24000          | 30000             | 48"             |
| T8                         | 40    | Bi-Pin | 30171     | F40T8/735/ECO     | 735 Phosphor Eco-Shield®   | 30      | 3500       | 76  | 3600           | 3420        | 24000          | 30000             | 60"             |
| T8                         | 40    | Bi-Pin | 30172     | F40T8/741/ECO     | 741 Phosphor Eco-Shield®   | 30      | 4100       | 76  | 3600           | 3420        | 24000          | 30000             | 60"             |
| T8                         | 58    | Bi-Pin | 109374    | F58T8/840         | 840 Phosphor               | 25      | 4000       | 86  | 5300           | 5000        | 24000          | 30000             | 60"             |
| <b>F32 HIGH LUMEN</b>      |       |        |           |                   |                            |         |            |     |                |             |                |                   |                 |
| T8                         | 32    | Bi-Pin | 35156     | F32T8/835/ECO/HL  | 835 Phosphor High Lumen    | 25      | 3500       | 86  | 3150           | 2995        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 35176     | F32T8/835/ECO/HL  | 835 Phosphor High Lumen    | 25      | 3500       | 86  | 3150           | 3000        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 35177     | F32T8/841/ECO/HL  | 841 Phosphor High Lumen    | 25      | 4100       | 86  | 3150           | 3000        | 24000          | 30000             | 48"             |
| T8                         | 32    | Bi-Pin | 35178     | F32T8/850/ECO/HL  | 850 Phosphor High Lumen    | 25      | 5000       | 86  | 3150           | 3000        | 24000          | 30000             | 48"             |
| <b>UBEND - RAPID START</b> |       |        |           |                   |                            |         |            |     |                |             |                |                   |                 |
| T8                         | 31    | Bi-Pin | 30301     | FB31/830/ECO      | 830 Phosphor Eco-Shield®   | 12      | 3000       | 86  | 2750           | 2600        | 24000          | 30000             | 22.6"           |
| T8                         | 31    | Bi-Pin | 30302     | FB31/835/ECO      | 835 Phosphor Eco-Shield®   | 12      | 3500       | 86  | 2750           | 2600        | 24000          | 30000             | 22.6"           |
| T8                         | 31    | Bi-Pin | 30303     | FB31/841/ECO      | 841 Phosphor Eco-Shield®   | 12      | 4100       | 86  | 2750           | 2600        | 24000          | 30000             | 22.6"           |
| T8                         | 31    | Bi-Pin | 30304     | FB31/850/ECO      | 850 Phosphor Eco-Shield®   | 12      | 5000       | 86  | 2750           | 2600        | 24000          | 30000             | 22.6"           |
| T8                         | 28    | Bi-Pin | 35307     | FB28/835/6/ECO/IC | 835 Phosphor Eco-Shield®   | 20      | 3500       | 86  | 2650           | 2450        | 24000          | 30000             | 22.6"           |
| T8                         | 28    | Bi-Pin | 35321     | FB28/841/6/ECO    | 841 Phosphor Eco-Shield®   | 20      | 4100       | 86  | 2650           | 2450        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109500    | FB32/730/6/ECO    | 730 Phosphor Eco-Shield®   | 20      | 3000       | 78  | 2750           | 2400        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109502    | FB32/735/6/ECO    | 735 Phosphor Eco-Shield®   | 20      | 3500       | 78  | 2750           | 2400        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109504    | FB32/741/6/ECO    | 741 Phosphor Eco-Shield®   | 20      | 4100       | 78  | 2750           | 2400        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109506    | FB32/750/6/ECO    | 750 Phosphor Eco-Shield®   | 20      | 5000       | 78  | 2750           | 2400        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109814    | FB32/835/6/ECO    | 835 Phosphor Eco-Shield®   | 20      | 3500       | 86  | 2900           | 2750        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109816    | FB32/841/6/ECO    | 841 Phosphor Eco-Shield®   | 20      | 4100       | 86  | 2900           | 2750        | 24000          | 30000             | 22.6"           |
| T8                         | 32    | Bi-Pin | 109818    | FB32/850/6/ECO    | 850 Phosphor Eco-Shield®   | 20      | 5000       | 86  | 2900           | 2750        | 24000          | 30000             | 22.6"           |

\* XL lamps do not have a cathode guard.

\*\* Based on commercial standards of 12 hours per start.

^ This lamp should only be operated on high efficiency or anti-striation type ballasts.

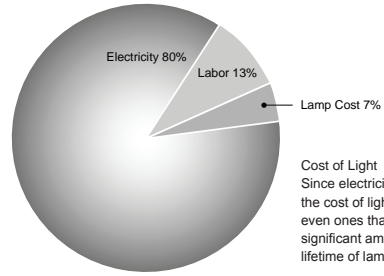
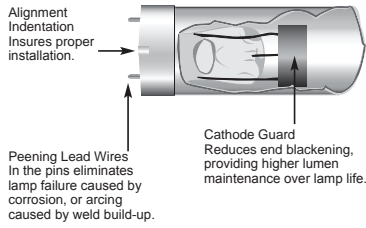
 LAMP CONTAINS MERCURY, MANAGE IN ACCORD WITH DISPOSAL LAWS.

Visit [www.lamprecycle.org](http://www.lamprecycle.org) for disposal information for your state or local government.

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Project: \_\_\_\_\_  
Comments: \_\_\_\_\_ Date: \_\_\_\_\_  
Prepared By: \_\_\_\_\_

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**Cost of Light**  
Since electricity accounts for 80% of the cost of lighting, efficient lamp types, even ones that cost more, can save a significant amount of money over the lifetime of lamps.