

# ULTRA 8™ T8 FLUORESCENT

## ULTRA 8™ T8 LINEAR FLUORESCENT LAMPS

USHIO proudly carries a line of fluorescent lamps that include: standard Ultra 8™, Energy Saving and Extended Life T8 series of fluorescent lamps.

Through technological advances and the highest grade components, T8 fluorescent lamps can save up to 40% on energy costs with no loss of light over older technology T12 lamp types. The USHIO Ultra 8 T8 fluorescent series provides an economical as well as environmentally responsible alternative to standard T12 fluorescent lamps.

The Ultra 8 T8 lamps utilize protective coatings, effectively reducing the phosphor degradation while increasing lumen output. Advanced halophosphor and tri-phosphor coatings have been added to increase the lumen stability and allow higher loading.

**(800 Series)** Tri-Phosphor lamps render colors closer to that of nature. These lamps are most suitable for paint stores, retail shops, clothing boutiques, hair salons, printing businesses and graphic arts studios.

## FEATURES & BENEFITS:

- Select Lamps are TCLP Compliant - Low Mercury Minimizes Effects of Lamp Disposal on the Environment
- Advanced Technology Saves Up to 40% on Energy Costs Over T12 Lamps
- High Color Rendering - Up to 85 CRI
- Improved Light Distribution and Quality
- Environmental Asset - Long Life Prevents the Build Up of Discarded Lamps Which Means Less Waste

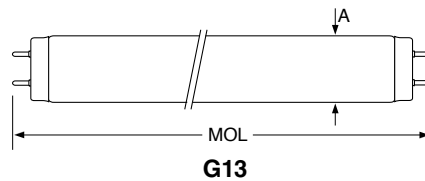
## APPLICATIONS

- Commercial & Retail Establishments
- Schools
- General Office
- Health Care Facilities



# ULTRA 8™ T8

## Ultra 8™ T8 Linear Fluorescent Lamps



Sold in Case Quantity Only

| Watts (W)                       | Ordering Code | Lamp Description | Dimensions |          |          | Color Temp (K) | Initial Lumens (lm) | Rated Life  |        | Case Qty |
|---------------------------------|---------------|------------------|------------|----------|----------|----------------|---------------------|-------------|--------|----------|
|                                 |               |                  | Dia (A)    | MOL (mm) | MOL (in) |                |                     | Preheat (h) |        |          |
| <b>ULTRA 8™ T8 Preheat 1, 4</b> |               |                  |            |          |          |                |                     |             |        |          |
| 15                              | 3000081       | F15T8WW          | 1.0        | 451      | 18       | 3000           | 800                 | 5000*       | 6500** | 25       |
| 15                              | 3000079       | F15T8CW          | 1.0        | 451      | 18       | 4200           | 875                 | 5000*       | 6500** | 25       |
| 15                              | 3000080       | F15T8D           | 1.0        | 451      | 18       | 6500           | 760                 | 5000*       | 6500** | 25       |

Sold in Case Quantity Only

| Watts (W)  | Ordering Code | Lamp Description | Dimensions |          |          | Color Temp (K) | Initial Lumens (lm) | Rated Life          |                         |        | Case Qty |    |
|--|---------------|------------------|------------|----------|----------|----------------|---------------------|---------------------|-------------------------|--------|----------|----|
|  |               |                  | Dia (A)    | MOL (mm) | MOL (in) |                |                     | IS <sup>2</sup> (h) | RS/PRS <sup>3</sup> (h) |        |          |    |
| <b>ULTRA 8™ T8 Tri-phosphor 800 Series 4 — 85 CRI</b>            |               |                  |            |          |          |                |                     |                     |                         |        |          |    |
| 17   | 3000231       | F17T8/830        | 1.0        | 610      | 24       | 3000           | 1400                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 17   | 3000260       | F17T8/835        | 1.0        | 610      | 24       | 3500           | 1400                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 17   | 3000261       | F17T8/841        | 1.0        | 610      | 24       | 4100           | 1400                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 17   | 3000262       | F17T8/850        | 1.0        | 610      | 24       | 5000           | 1350                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 25 •   | 3000263       | F25T8/830        | 1.0        | 915      | 36       | 3000           | 2250                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 25 •   | 3000264       | F25T8/835        | 1.0        | 915      | 36       | 3500           | 2250                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 25   | 3000265       | F25T8/841        | 1.0        | 915      | 36       | 4100           | 2250                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 25 •   | 3000266       | F25T8/850        | 1.0        | 915      | 36       | 5000           | 2150                | 24000*              | 30000**                 | 30000* | 36000**  | 25 |
| 28 •   | 3000484       | ⓔ F28T8/835      | 1.0        | 1219     | 48       | 3500           | 2800                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 28 •   | 3000485       | ⓔ F28T8/841      | 1.0        | 1219     | 48       | 4100           | 2800                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 28 •   | 3000656       | ⓔ F28T8/850      | 1.0        | 1219     | 48       | 5000           | 2725                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 32 •   | 3000099       | ⓔ F32T8/830      | 1.0        | 1219     | 48       | 3000           | 3050                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 32 •   | 3000100       | ⓔ F32T8/835      | 1.0        | 1219     | 48       | 3500           | 3050                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 32 •   | 3000101       | ⓔ F32T8/841      | 1.0        | 1219     | 48       | 4100           | 3050                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 32 •   | 3000102       | ⓔ F32T8/850      | 1.0        | 1219     | 48       | 5000           | 2950                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| <b>ULTRA 8™ T8 Tri-phosphor 800 Series High Lumen 4 — 85 CRI</b> |               |                  |            |          |          |                |                     |                     |                         |        |          |    |
| 32   | 3000480       | ⓔ F32T8/841/HL   | 1.0        | 1219     | 48       | 4100           | 3150                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| 32   | 3000524       | ⓔ F32T8/850/HL   | 1.0        | 1219     | 48       | 5000           | 3150                | 24000*              | 30000**                 | 40000* | 42000**  | 25 |
| <b>ULTRA 8™ T8 Tri-phosphor 900 Series 4 — 95 CRI</b>            |               |                  |            |          |          |                |                     |                     |                         |        |          |    |
| 32   | 3000417       | ⓔ F32T8/960      | 1.0        | 1219     | 48       | 6000           | 2100                | 18000*              | 24000**                 | 24000* | 30000**  | 25 |

ⓔ = This bulb meets US Federal Minimum Efficiency Standard

• TCLP Compliant

\* Based on ANSI / IESNA standards of 3 hours per start

\*\*Based on estimated commercial operating standards of 12 hours per start

<sup>1</sup> These lamps are designed to operate on preheat ballasts.

<sup>2</sup> These life ratings are based on operation on instant start ballasts.

<sup>3</sup> These life ratings are based on operation on rapid start or programmed rapid start ballasts.

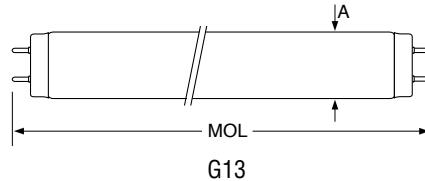
<sup>4</sup> When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.

# ULTRA 8™ T8 Energy Saving

## 25W & 28W Energy-Saving Ultra 8™ T8 Linear Fluorescent Lamps

USHIO is proud to introduce the newest additions to its popular Ultra 8™ T8 linear fluorescent lamp family. Energy costs account for the majority of lighting expenses and that illustrates the critical need for high performance and energy efficient lamp products. The Ultra 8 T8 lamps not only operate on high performance ballasts, they also provide the needed energy savings by directly replacing higher wattage 32W T8 lamps on Instant-Start ballast systems.\* These tri-phosphor coated lamps provide the lumen stability and quality performance that goes hand-in-hand with dramatic energy savings (up to 22% energy savings vs. standard 32W Ultra 8 T8 lamps).

\*This applies to F28T8ES only



Sold in Case Quantity Only

| Watts (W)   | Ordering Code | Lamp Description | Dimensions |          |          | Color Temp (K) | Initial Lumens (lm) | Rated Life          |                         |                         | Case Qty |    |
|---|---------------|------------------|------------|----------|----------|----------------|---------------------|---------------------|-------------------------|-------------------------|----------|----|
|   |               |                  | Dia (A)    | MOL (mm) | MOL (in) |                |                     | IS <sup>1</sup> (h) | RS/PRS <sup>2</sup> (h) | RS/PRS <sup>2</sup> (h) |          |    |
| <b>ULTRA 8™ T8 Energy-Saving Tri-phosphor 800 Series<sup>3</sup> — 85 CRI</b> |               |                  |            |          |          |                |                     |                     |                         |                         |          |    |
| 25  | • 3000618     | Ⓔ F25T8ES/835    | 1.0        | 1219     | 48       | 3500           | 2500                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |
| 25  | • 3000619     | Ⓔ F25T8ES/841    | 1.0        | 1219     | 48       | 4100           | 2500                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |
| 25  | • 3000620     | Ⓔ F25T8ES/850    | 1.0        | 1219     | 48       | 5000           | 2450                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |
| <b>ULTRA 8™ T8 Energy-Saving Tri-phosphor 800 Series<sup>3</sup> — 85 CRI</b> |               |                  |            |          |          |                |                     |                     |                         |                         |          |    |
| 28  | • 3000621     | Ⓔ F28T8ES/835    | 1.0        | 1219     | 48       | 3500           | 2800                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |
| 28  | • 3000622     | Ⓔ F28T8ES/841    | 1.0        | 1219     | 48       | 4100           | 2800                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |
| 28  | • 3000623     | Ⓔ F28T8ES/850    | 1.0        | 1219     | 48       | 5000           | 2700                | 24000*              | 30000**                 | 30000*                  | 36000**  | 25 |

Ⓔ = This bulb meets US Federal Minimum Efficiency Standard

• TCLP Compliant

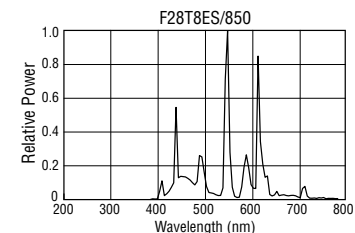
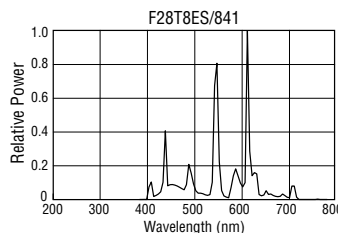
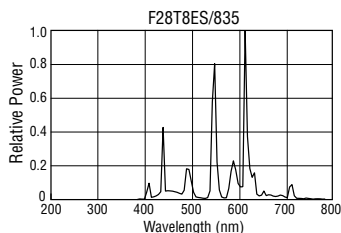
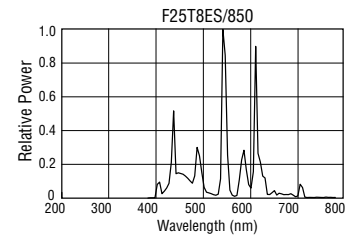
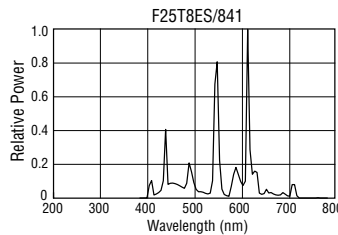
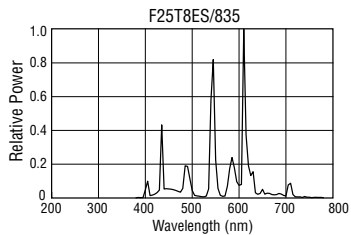
\* Based on ANSI / IESNA standards of 3 hours per start

\*\*Based on estimated commercial operating standards of 12 hours per start

<sup>1</sup> These life ratings are based on operation on instant start ballasts.

<sup>2</sup> These life ratings are based on operation on rapid start or programmed rapid start ballasts.

<sup>3</sup> When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.



Ⓔ - LAMP CONTAINS MERCURY

Manage in Accord with Disposal Laws

See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-895-8842

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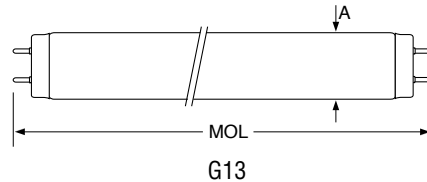
# ULTRA 8™ T8 XL

## 32W Extended Life Ultra 8™ T8 Linear Fluorescent Lamps

Extended Life F32T8 lamps offer an average rated life up to 60,000 hours\* without sacrificing efficient light output or high color rendering. These lamps are an excellent solution for applications where frequency of lamp changes and cost of ownership are significant factors. Additionally, they reduce mercury use per lumen-hour, which is an important calculation for LEED Green Building Certification.

Available in multiple color temperatures: 3500K, 4100K and 5000K

\*When used on programmed start ballasts at 12 hours per start.



Sold in Case Quantity Only

| Watts (W)  | Ordering Code | Lamp Description | Dimensions |          |          | Color Temp (K) | Initial Lumens (lm) | Rated Life          |                         | Case Qty       |    |
|--|---------------|------------------|------------|----------|----------|----------------|---------------------|---------------------|-------------------------|----------------|----|
|  |               |                  | Dia (A)    | MOL (mm) | MOL (in) |                |                     | IS <sup>1</sup> (h) | RS/PRS <sup>2</sup> (h) |                |    |
| <b>ULTRA 8™ T8 XL Extended Life Tri-phosphor 800 Series<sup>3</sup> — 85 CRI</b> |               |                  |            |          |          |                |                     |                     |                         |                |    |
| 32   | 3000612 (E)   | F32T8XL/835, 48" | 1.0        | 1219     | 48       | 3500           | 2950                | 36000*              | 40000**                 | 55000* 60000** | 25 |
| 32   | 3000611 (E)   | F32T8XL/841, 48" | 1.0        | 1219     | 48       | 4100           | 2950                | 36000*              | 40000**                 | 55000* 60000** | 25 |
| 32   | 3000610 (E)   | F32T8XL/850, 48" | 1.0        | 1219     | 48       | 5000           | 2875                | 36000*              | 40000**                 | 55000* 60000** | 25 |

(E) = This bulb meets US Federal Minimum Efficiency Standard

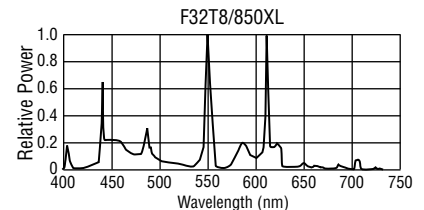
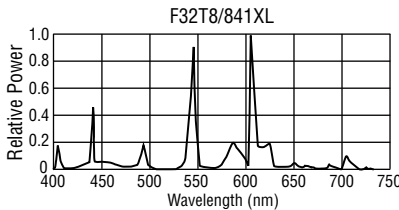
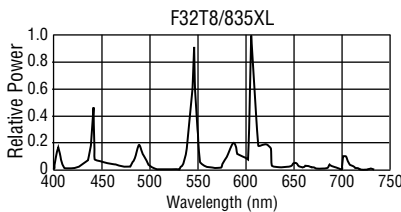
\* Based on ANSI / IESNA standards of 3 hours per start

\*\*Based on estimated commercial operating standards of 12 hours per start

<sup>1</sup> These life ratings are based on operation on instant start ballasts.

<sup>2</sup> These life ratings are based on operation on rapid start or programmed rapid start ballasts.

<sup>3</sup> When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.



(Hg) - LAMP CONTAINS MERCURY

Manage in Accord with Disposal Laws

See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-895-8842

**USHIO**

Form No. S-UFLT8/0116

Specifications may be subject to change without prior notice. Refer to [www.ushio.com](http://www.ushio.com) for the most current product specifications.