



## LED LAMPS

### ***ProLED*** **T8 Linear Bypass Series**

High performance T8 Linear Bypass Lamps are energy efficient, long lasting replacements for traditional T8 and T12 fluorescent linear lamps



# ProLED<sup>®</sup>

## T8 Linear Double Ended Bypass Series

Product #: \_\_\_\_\_ Type: \_\_\_\_\_

Project: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_ Initials: \_\_\_\_\_



Low Maintenance



50,000 Hours



120-277



Food Equipment Certification



DLC Qualified

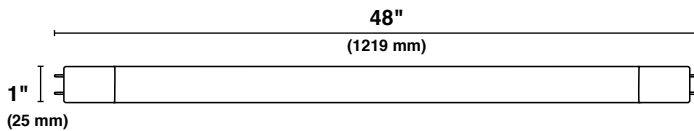


Most reliable and efficient way to retrofit existing Linear Fluorescent T8 and T12 luminaires with simple rewiring

### Specifications

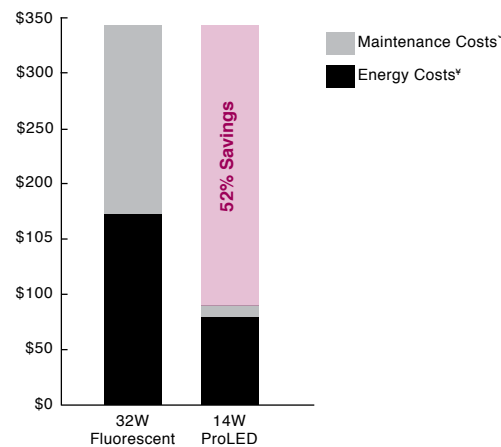
- An internal digital protection system ensures safety and convenience during installation and servicing
- Uses 52% less energy than a standard Fluorescent T8 and lasts up to 66% longer<sup>1</sup>
- Will work with shunted or non-shunted lampholders
- Suitable for use in totally enclosed luminaires
- Double-end powered, operates on 120V-277V line voltage range
- 82 CRI for quality and consistent color rendering
- -20°C (-4°F) to 45°C (113°F) operating temperature range
- Conforms to requirements of NSF/ANSI standard 2-Food equipment
- UL 1598C classified retrofit kit
- UL approved for damp locations

### Double Ended Bypass



### Savings Comparison

#### Total Lifetime Costs



\* Maintenance costs based on 15 minutes at \$40 per/hr

† Energy costs based on \$0.11 kWh

### Ordering Information

|   | Watt | Base          | Product # | Product Code                  | Volts | Color Temp. | CRI  | Lumens | Useful Life* | Beam Spread | Pkg. Qty. | MOL  | THD | DLC <sup>®</sup> Qualified | Equivalent Wattage |
|---|------|---------------|-----------|-------------------------------|-------|-------------|------|--------|--------------|-------------|-----------|------|-----|----------------------------|--------------------|
| ⊗ | 14   | Medium Bi Pin | 81886     | T8FR14/835/BYP2/DE/LED120-277 | 3500  | 82          | 1700 | 50,000 | 270°         | 1/25        | 48"       | <20% | Yes | 32                         |                    |
| ⊗ | 14   | Medium Bi Pin | 81887     | T8FR14/840/BYP2/DE/LED120-277 | 4000  | 82          | 1800 | 50,000 | 270°         | 1/25        | 48"       | <20% | Yes | 32                         |                    |
| ⊗ | 14   | Medium Bi Pin | 81888     | T8FR14/850/BYP2/DE/LED120-277 | 5000  | 82          | 1800 | 50,000 | 270°         | 1/25        | 48"       | <20% | Yes | 32                         |                    |

o NEW ITEM

\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to burn past this point, but at decreased light levels.

Warranty – Commercial / Industrial. This product is warranted for 5 years from the date of purchase.

Must be operated with an ambient fixture temperature between -4°F(-20°C) and 113°F(45°C).

<sup>†</sup> Energy savings based on \$0.11 kWh over 50,000 hour life.

\*\* Check the latest update at [www.DesignLights.org](http://www.DesignLights.org) for listed product catalog numbers. Not all versions are listed.

### Warning

Halco ProLED Linear T8 will not operate on a linear fluorescent ballast. Please re-wire the luminaire as shown in the installation instructions included with the product.

Halco Lighting Technologies 2940 Pacific Drive | Norcross, GA 30071 | Toll Free 800.677.3334 | Phone 770.242.3612 | Fax 800.880.0822 | [halcolighting.com](http://halcolighting.com)

Atlanta | Carlstadt | Chicago | Cleveland | Houston | Los Angeles | Phoenix

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# ProLED®

## T8 Linear 8 Foot Double Ended Bypass Series

Product #: \_\_\_\_\_ Type: \_\_\_\_\_

Project: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_ Initials: \_\_\_\_\_



Low Maintenance



50,000 Hours



120-277

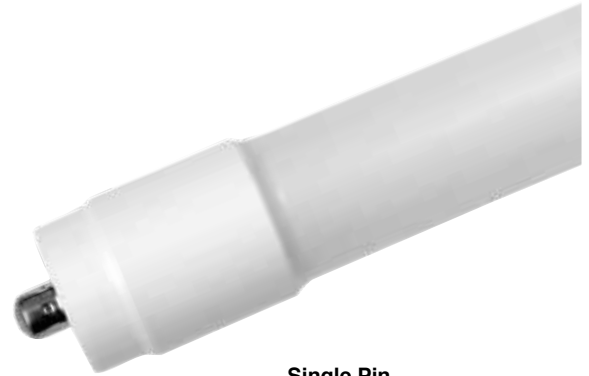


Food Equipment Certification

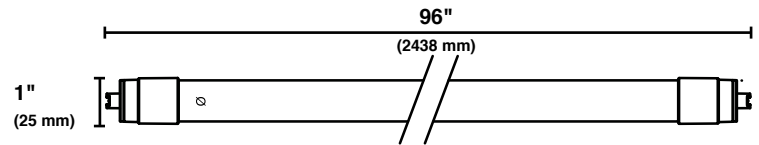
Most reliable and efficient way to retrofit existing Linear Fluorescent T8 and T12 luminaires with simple rewiring

### Specifications

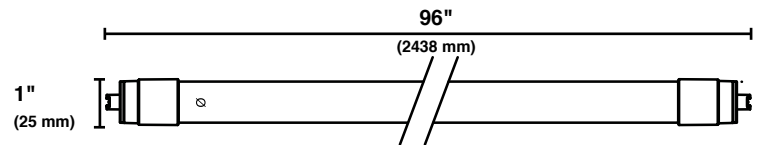
- Single pin and recessed double contact option
- Uses 49% less energy than a standard Fluorescent T8 and lasts up to 66% longer<sup>1</sup>
- PET coating helps contain glass in the event of breakage
- Suitable for use in totally enclosed luminaires
- Double-end powered, operates on 120V-277V line voltage range
- 82 CRI for quality and consistent color rendering
- -20°C (-4°F) to 45°C (113°F) operating temperature range
- Conforms to requirements of NSF/ANSI standard 2-Food equipment
- UL-1598C classified retrofit kit
- UL approved for damp locations



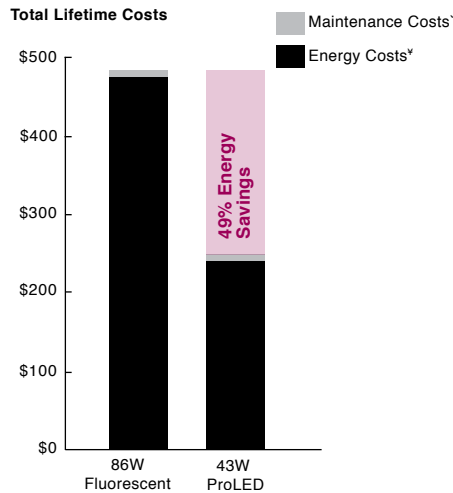
Single Pin



Recessed Contact



### Savings Comparison



\* Maintenance costs based on 15 minutes at \$40 per/hr  
 \* Energy costs based on \$0.11 kWh

### Ordering Information



|   | Watt | Base                    | Product # | Product Code             | Volts   | Color Temp. | CRI | Lumens | Useful Life* | Beam Spread | Pkg. Qty. | MOL | THD  | Equivalent Wattage |
|---|------|-------------------------|-----------|--------------------------|---------|-------------|-----|--------|--------------|-------------|-----------|-----|------|--------------------|
| ⊕ | 43   | Single Pin              | 81875     | T896FR43/840/BYP/SP/LED  | 120-277 | 4000        | 82  | 5500   | 50,000       | 270°        | 1/10      | 96" | <20% | 86                 |
| ⊕ | 43   | Single Pin              | 81876     | T896FR43/850/BYP/SP/LED  | 120-277 | 5000        | 82  | 5500   | 50,000       | 270°        | 1/10      | 96" | <20% | 86                 |
| ⊕ | 43   | Double Recessed Contact | 81877     | T896FR43/840/BYP/RDC/LED | 120-277 | 4000        | 82  | 5500   | 50,000       | 270°        | 1/10      | 96" | <20% | 86                 |
| ⊕ | 43   | Double Recessed Contact | 81878     | T896FR43/850/BYP/RDC/LED | 120-277 | 5000        | 82  | 5500   | 50,000       | 270°        | 1/10      | 96" | <20% | 86                 |
| ⊕ | 43   | Double Recessed Contact | 81879     | T896FR43/865/BYP/RDC/LED | 120-277 | 6500        | 82  | 5500   | 50,000       | 270°        | 1/10      | 96" | <20% | 86                 |

⊕ NEW ITEM

\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to burn past this point, but at decreased light levels.  
 Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase.

Must be operated with an ambient fixture temperature between -4°F(-20°C) and 113°F(45°C).

<sup>1</sup> Energy savings based on \$0.11 kWh over 50,000 hour life.

### Warning

Halco ProLED Linear T8 will not operate on a linear fluorescent ballast. Please re-wire the luminaire as shown in the installation instructions included with the product.

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# ProLED<sup>®</sup>

## T8 Linear 4 Foot Bypass Series

Product #: \_\_\_\_\_ Type: \_\_\_\_\_

Project: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_ Initials: \_\_\_\_\_



Low Maintenance



50,000 Hours



120-277



Food Equipment Certification



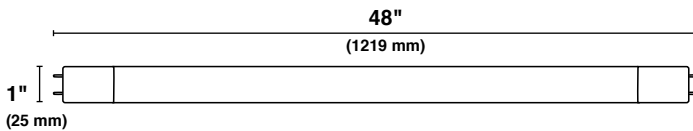
DLC Qualified

Most reliable and efficient way to retrofit existing Linear Fluorescent T8 and T12 luminaires with simple rewiring

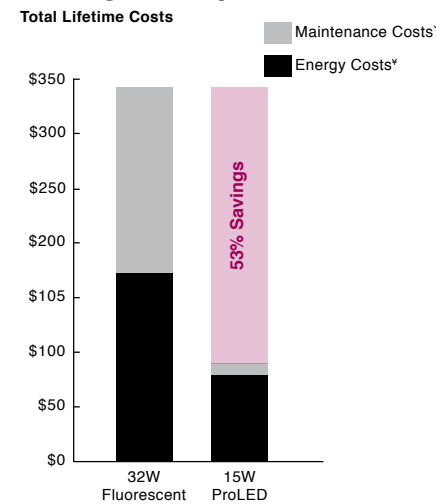
### Specifications

- Uses 53% less energy than a standard Fluorescent T8 and lasts up to 66% longer<sup>1</sup>
- Suitable for use in totally enclosed luminaires
- Single-end powered, operates on 120V-277V line voltage range
- 82 CRI for quality and consistent color rendering
- -20°C (-4°F) to 45°C (113°F) operating temperature range
- Conforms to requirements of NSF/ANSI standard 2-Food equipment
- UL 1598C classified retrofit kit
- UL approved for damp locations

T8FR15/840/BYP2/LED



### Savings Comparison



\* Maintenance costs based on 15 minutes at \$40 per/hr  
 \* Energy costs based on \$0.11 kWh

### Ordering Information



| Watt | Base          | Product # | Product Code        | Volts   | Color Temp. | CRI | Lumens | Useful Life* | Beam Spread | Pkg. Qty. | MOL | THD  | DLC <sup>®</sup> Qualified | Equivalent Wattage |
|------|---------------|-----------|---------------------|---------|-------------|-----|--------|--------------|-------------|-----------|-----|------|----------------------------|--------------------|
| 15   | Medium Bi Pin | 81883     | T8FR15/835/BYP2/LED | 120-277 | 3500        | 82  | 1800   | 50,000       | 270°        | 1/25      | 48" | <20% | Yes                        | 32                 |
| 15   | Medium Bi Pin | 81884     | T8FR15/840/BYP2/LED | 120-277 | 4000        | 82  | 1800   | 50,000       | 270°        | 1/25      | 48" | <20% | Yes                        | 32                 |
| 15   | Medium Bi Pin | 81885     | T8FR15/850/BYP2/LED | 120-277 | 5000        | 82  | 1800   | 50,000       | 270°        | 1/25      | 48" | <20% | Yes                        | 32                 |

\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to burn past this point, but at decreased light levels.

Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase.

Must be operated with an ambient fixture temperature between -4°F(-20°C) and 113°F(45°C).

<sup>1</sup> Energy savings based on \$0.11 kWh over 50,000 hour life.

\*\* Check the latest update at [www.DesignLights.org](http://www.DesignLights.org) for listed product catalog numbers. Not all versions are listed.

### Warning

Halco ProLED Linear T8 will not operate on a linear fluorescent ballast or with shunted lampholders. Please re-wire the luminaire as shown in the installation instructions included with the product and ensure non-shunted lampholders are installed in the luminaire before installing this product.