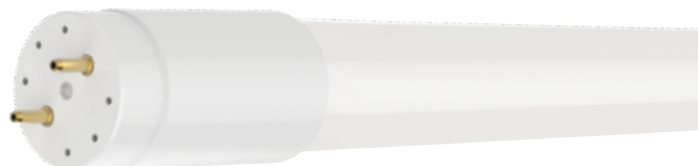




## LED LAMPS

### **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



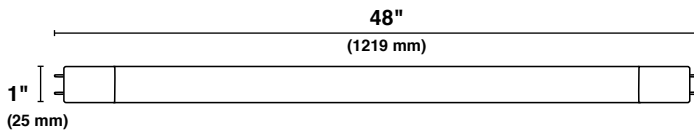
Food Equipment Certification



DLC Qualified



### Double Ended Bypass



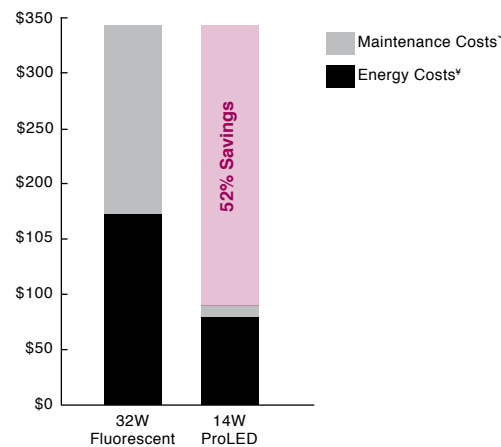
Most reliable and efficient way to retrofit existing Linear Fluorescent T8 and T12 luminaires with simple rewiring

### 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
- UL 1598C classified retrofit kit
- UL approved for damp locations

### 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	

⊕ 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 | 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

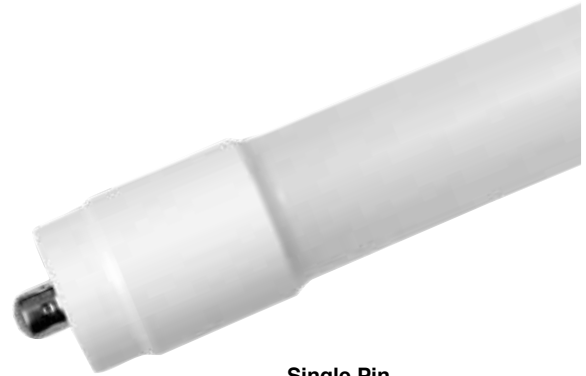


RECOGNIZED COMPONENT  
Intertek  
4005203  
CONFORMS TO NSF 510.2  
Food Equipment  
Certification

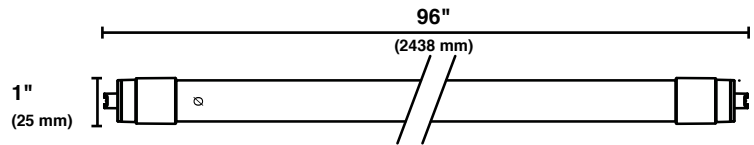
Most reliable and efficient way to retrofit existing Linear Fluorescent T8 and T12 luminaires with simple rewiring

### Specifications

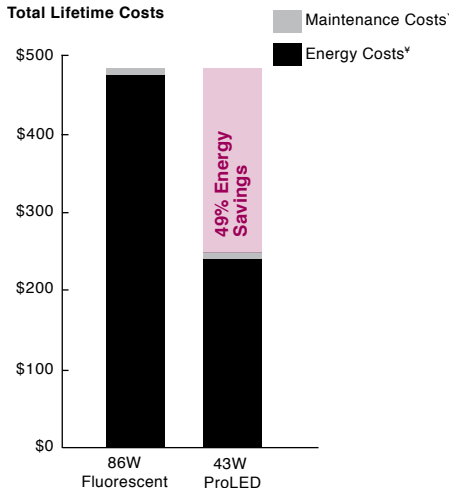
- Single pin and recessed double contact option
- Uses 49% less energy than a standard Fluorescent T8 and lasts up to 66% longer<sup>1</sup>
- PET coating helps contain glass in the event of breakage
- Suitable for use in totally enclosed luminaires
- Double-end powered, operates on 120V-277V line voltage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



Single Pin



### 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
42	Single Pin	82875	T896FR42/840/BYP2/SP/LED	120-277	4000	82	5500	50,000	270°	1/10	96"	<20%	86
42	Single Pin	82876	T896FR42/850/BYP2/SP/LED	120-277	5000	82	5500	50,000	270°	1/10	96"	<20%	86
42	Recessed Double Contact	82877	T896FR42/840/BYP2/RDC/LED120-277	120-277	4000	82	5500	50,000	270°	1/10	96"	<20%	86
42	Recessed Double Contact	82878	T896FR42/850/BYP2/RDC/LED120-277	120-277	5000	82	5500	50,000	270°	1/10	96"	<20%	86
42	Recessed Double Contact	82879	T896FR42/865/BYP2/RDC/LED120-277	120-277	6500	82	5500	50,000	270°	1/10	96"	<20%	86

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>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.



# ProLED<sup>®</sup>

## T8 Linear 4 Foot Bypass Series

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

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

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



Low Maintenance



50,000 Hours



120-277



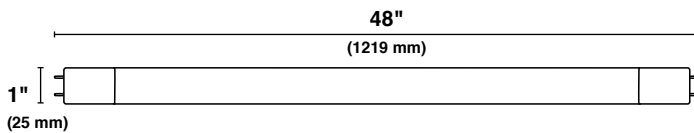
DLC Qualified

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

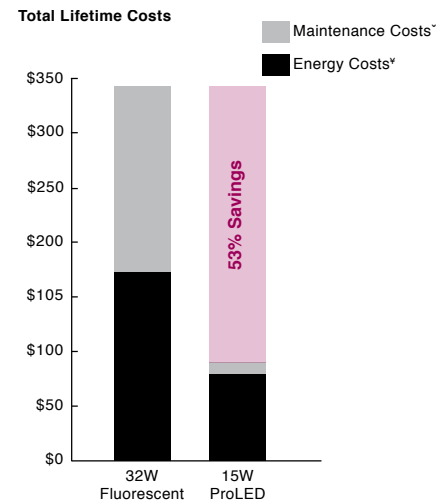
### Specifications

- 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
- UL 1598C classified retrofit kit
- UL approved for damp locations

T8FR15/840/BYP3/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	82883	T8FR15/835/BYP3/LED	120-277	3500	82	2000	50,000	270°	1/25	48"	<20%	Yes	32
15	Medium Bi Pin	82884	T8FR15/840/BYP3/LED	120-277	4000	82	2000	50,000	270°	1/25	48"	<20%	Yes	32
15	Medium Bi Pin	82885	T8FR15/850/BYP3/LED	120-277	5000	82	2000	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.