



## T5 Type B LED T5 Lamps: Plastic

### HIGHLIGHTS

- LED T5 Type B lamps easily replaces existing T5 fluorescent lamps by bypassing the existing fluorescent ballast and wiring directly to line voltage
- Internal LED driver means no need to replace a ballast resulting in long-term maintenance savings
- Available in 2', 3', and 4'
- No socket changes; uses shunted or non-shunted sockets, for applicable double ended applications
- Instantaneous full light output upon power-up
- Wide illumination angle provides up to 330° of light distribution
- Plastic (polycarbonate) material for durability and reduced breakage
- Frosted lens reduces visual glare
- Plastic T5 lamps meet the requirements for NSF; aiding as a component to a NSF lighting system

### CERTIFICATIONS

- UL Certified for US & Canada
- FCC Compliant
- RoHS Compliant
- ICES-005 Compliant
- Damp Location
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

### PERFORMANCE

- High efficacy, up to 152 lm/W
- Available in single CCT models: 4000 or 5000K
- CRI: >82
- Up to 330° illumination angle, with a beam angle of 180°
- Rated Life 70: >50,000 hours

### ELECTRICAL

- Input voltage: 120-277V, 50/60 Hz
- Built-in surge protection up to 1KV
- Power Factor: >0.9
- THD: <20%

### THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature
- Not recommended for air-tight fixtures

### CONSTRUCTION

- Available in 2', 3', 4" and 8' lengths
- Polycarbonate lens for durability
- G5 Bi-Pin

### WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

## KEY FEATURES

### SPECIFICATION MADE EASY

Eliminate the ballast with a simple installation using shunted or non-shunted sockets for single or double-ended install.

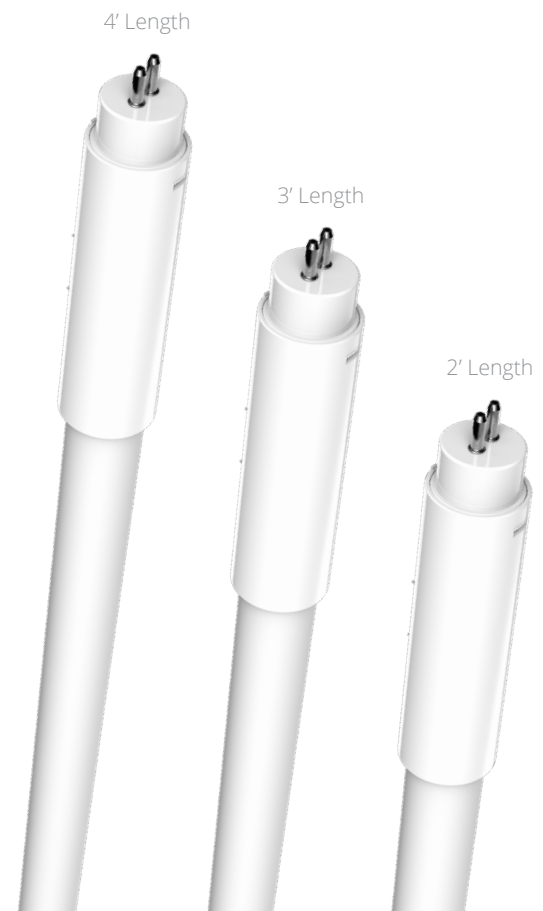
### WIDER BEAM, MORE LIGHT

Wide illumination angle provides 330° of light distribution

### PLASTIC LAMPS

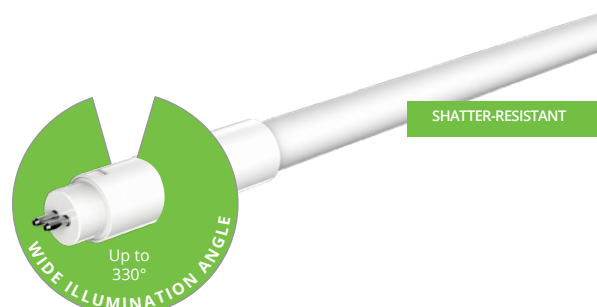
These lamps meet the requirements for NSF; aiding as a component to a NSF lighting system and reduces breakage

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



### APPLICATIONS

- Office
- Hospital
- Classroom
- Hotel
- Retail
- Warehouse
- Stairwell
- Hallway
- Production
- Gym
- Campus



AVAILABLE MODELS

| ORDER CODE | ITEM #            | WATTS | LUMENS  | CCT   | EFFICACY (lm/W) | INPUT VOLTAGE | BEAM ANGLE | TRADITIONAL WATTAGE EQUIVALENT | DLC ID#         |
|------------|-------------------|-------|---------|-------|-----------------|---------------|------------|--------------------------------|-----------------|
|            |                   |       |         |       |                 |               |            |                                | STANDARD        |
| PLASTIC    |                   |       |         |       |                 |               |            |                                |                 |
| 2' LENGTH  |                   |       |         |       |                 |               |            |                                |                 |
| 13282      | L7WT5-22-BDP-840  | 7W    | 1050 lm | 4000K | 150 lm/W        | 120-277V      | 180°       | 24W Fluorescent                | No DLC Category |
| 13283      | L7WT5-22-BDP-850  | 7W    | 1050 lm | 5000K | 150 lm/W        | 120-277V      | 180°       | 24W Fluorescent                | No DLC Category |
| 3' LENGTH  |                   |       |         |       |                 |               |            |                                |                 |
| 12927      | L10WT5-34-BDP-840 | 10W   | 1500 lm | 4000K | 150 lm/W        | 120-277V      | 180°       | 39W Fluorescent                | No DLC Category |
| 12928      | L10WT5-34-BDP-850 | 10W   | 1500 lm | 5000K | 150 lm/W        | 120-277V      | 180°       | 39W Fluorescent                | No DLC Category |
| 4' LENGTH  |                   |       |         |       |                 |               |            |                                |                 |
| 13288      | L14WT5-46-BDP-840 | 14W   | 2100 lm | 4000K | 150 lm/W        | 120-277V      | 180°       | 28W Fluorescent                | NO DLC Category |
| 13289      | L14WT5-46-BDP-850 | 14W   | 2100 lm | 5000K | 150 lm/W        | 120-277V      | 180°       | 28W Fluorescent                | S-L7PDZG        |
| 13291      | L23WT5-46-BDP-840 | 23W   | 3500 lm | 4000K | 152 lm/W        | 120-277V      | 180°       | 54W Fluorescent                | S-HQO2V1        |
| 13292      | L23WT5-46-BDP-850 | 23W   | 3500 lm | 5000K | 152 lm/W        | 120-277V      | 180°       | 54W Fluorescent                | S-XQSUB1        |

COMPATIBLE EMERGENCY BATTERIES\*\* (FOR TYPE B INSTALLATION ONLY)

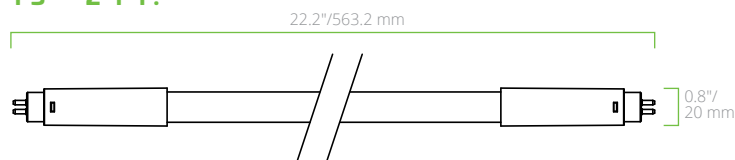
| ORDER CODE | ITEM #        | DESCRIPTION                     | INPUT VOLTAGE | EMERGENCY TIME | OUTPUT POWER | BACKUP LUMENS  | RECHARGE TIME | TITLE 20 |
|------------|---------------|---------------------------------|---------------|----------------|--------------|----------------|---------------|----------|
| 10361      | EMB-CP-5WBT-U | External Emergency Battery, 5W  | 120-277V      | >90 mins       | 5W           | 700            | 24 hrs        | Yes      |
| 11675      | EEBE18WHA170S | External Emergency Battery, 18W | 120-347V      | >90 mins       | 18W          | Refer to lamp* | 24 hrs        | Yes      |

\* Refer to the lamp's lumen output for the backup lumens  
\*\* Battery backups are NOT compatible with 23W lamps

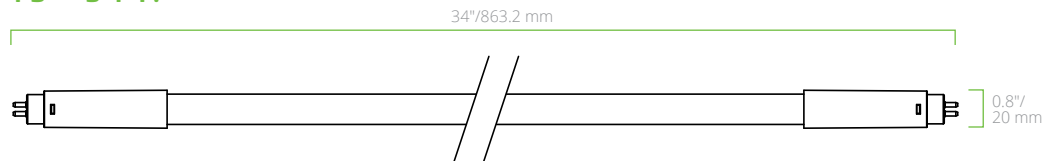
PRODUCT DIMENSIONS

T5 TYPE B PLASTIC

T5 - 2 FT.



T5 - 3 FT.



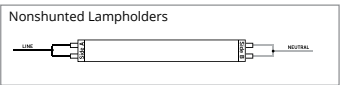
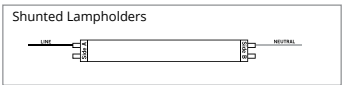
T5 - 4 FT.



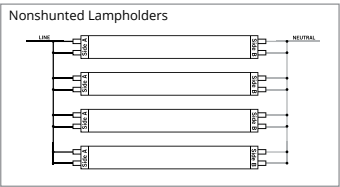
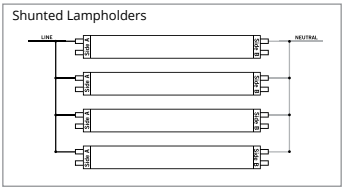
WIRING DIAGRAMS

DOUBLE-ENDED\*

Single Lamp Installation



Multiple Lamp Installation



\*Note: Both pins on each end of the lamp must be connected to line voltage as shown above. If lamp holder is a non-shunted type, it must be shunted (shorted) by external jumper.



## T8 Type B LED T8 Lamps: Glass & Plastic

### HIGHLIGHTS

- LED T8 Type B lamps easily replaces existing T8 fluorescent lamps by bypassing the existing fluorescent ballast and wiring directly to line voltage
- Internal LED driver means no need to replace a ballast resulting in long-term maintenance savings
- No socket changes; uses shunted or non-shunted sockets, for applicable single or double-ended applications
- Instantaneous full light output upon power-up
- Wide illumination angle provides up to 330° of light distribution
- Glass material for better light transmission (glass models)
- Plastic (polycarbonate) material for durability and reduced breakage (plastic models)
- Frosted lens reduces visual glare
- Plastic models meet the requirements for NSF; aiding as a component to a NSF lighting system
- FieldCCeT models provide the ability to select between 3000, 3500, 4000, 5000 or 6500K, all in one lamp

### CERTIFICATIONS

- UL Certified for US & Canada
- FCC Compliant
- RoHS Compliant
- ICES-005 Compliant
- Damp Location
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

### PERFORMANCE

- High efficacy, up to 173 lm/W
- Available in single CCT models: 3500, 4000, 5000K or FieldCCeT models: (field-selectable CCT 30/35/40/50/6500K)
- CRI: >82
- Up to 330° illumination angle. With a beam angle of 210° for glass and 160° for plastic
- Rated Life 70: >50,000 hours

### ELECTRICAL

- Input voltage: 120-277V, 50/60 Hz
- Built-in surge protection up to 1KV
- Power Factor: >0.9
- THD: <20%

### THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature
- Not recommended for air-tight fixtures

### CONSTRUCTION

- Available in 2', 3', 4' and 8' lengths
- Frosted glass lens provides optimal heat dissipation (glass models)
- Polycarbonate lens for durability (plastic models)
- G13 bi-pin, FA8 and R17D base options

### WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

## KEY FEATURES

### NO BALLAST REQUIRED

Eliminate the ballast with a simple installation using shunted or non-shunted sockets for single or double-ended install

### SHATTER RESISTANT & NSF

Polycarbonate lamps meet the requirements for NSF; aiding as a component to a NSF lighting system and reduces breakage

### FIVE COLOR TEMPERATURES IN ONE

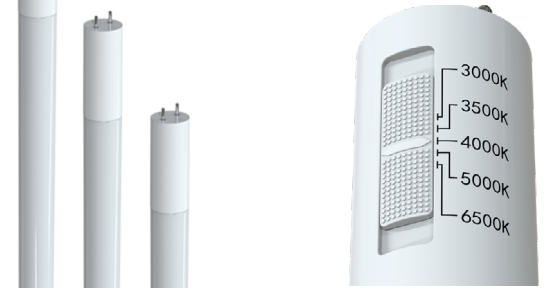
FieldCCeT models (one SKU providing 3000K, 3500K, 4000K, 5000K, and 6500K CCT) allows you to reduce your inventory while providing more flexibility to your customers

### WIDER BEAM, MORE LIGHT

Wide illumination angle provides 330° of light distribution

|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |

T8 Type B Glass G13 Lamps  
Available in 2', 3' and 4' lengths



FieldCCeT Models  
also available



T8 Type B Plastic G13 Lamps  
Available in 2', 3' and 4' lengths



T8 Type B Plastic FA8 Lamps  
Available in 8' lengths



T8 Type B Plastic G13 Lamps  
Available in 8' lengths

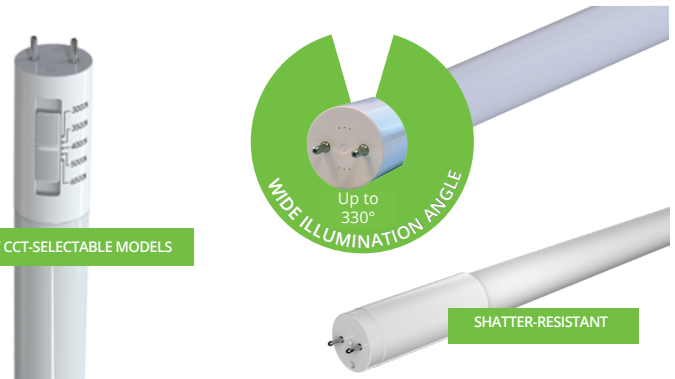


T8 Type B Plastic R17D Lamps  
Available in 8' lengths



### APPLICATIONS

- Office
- Hospital
- Classroom
- Hotel
- Retail
- Warehouse
- Stairwell
- Hallway
- Production
- Gym
- Campus



AVAILABLE MODELS\*

| ORDER CODE | ITEM #                   | WATTS | LUMENS  | CCT*                      | EFFICACY (lm/W) | INPUT VOLTAGE | BEAM ANGLE | SINGLE + DOUBLE-ENDED | TRADITIONAL WATTAGE EQUIVALENT | DLC ID#         |
|------------|--------------------------|-------|---------|---------------------------|-----------------|---------------|------------|-----------------------|--------------------------------|-----------------|
|            |                          |       |         |                           |                 |               |            |                       |                                | STANDARD        |
| GLASS      |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 2' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 12949      | L9WT8/24/BSDG/835        | 9W    | 1100 lm | 3500K                     | 122 lm/W        | 120-277V      | 210°       | Single + Double-ended | 17W Fluorescent                | S-T6LHX9        |
| 12946      | L9WT8/24/BSDG/840        | 9W    | 1150 lm | 4000K                     | 127 lm/W        | 120-277V      | 210°       | Single + Double-ended | 17W Fluorescent                | S-S29Y48        |
| 12930      | L9WT8/24/BSDG/850        | 9W    | 1150 lm | 5000K                     | 127 lm/W        | 120-277V      | 210°       | Single + Double-ended | 17W Fluorescent                | S-43VOY6        |
| 12937      | L9WT8/24/BSDG/FCCT       | 9W    | 1150 lm | 3000/3500/4000/5000/6500K | 127 lm/W        | 120-277V      | 210°       | Single + Double-ended | 17W Fluorescent                | S-KR01YN        |
| 3' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 12927      | L12WT8/36/BSDG/835       | 12W   | 1400 lm | 3500K                     | 116 lm/W        | 120-277V      | 210°       | Single + Double-ended | 25W Fluorescent                | S-C1XR5N        |
| 12928      | L12WT8/36/BSDG/840       | 12W   | 1450 lm | 4000K                     | 120 lm/W        | 120-277V      | 210°       | Single + Double-ended | 25W Fluorescent                | S-YWUMT2        |
| 12935      | L12WT8/36/BSDG/850       | 12W   | 1450 lm | 5000K                     | 120 lm/W        | 120-277V      | 210°       | Single + Double-ended | 25W Fluorescent                | S-BGUK21        |
| 12951      | L12WT8/36/BSDG/FCCT      | 12W   | 1450 lm | 3000/3500/4000/5000/6500K | 120 lm/W        | 120-277V      | 210°       | Single + Double-ended | 25W Fluorescent                | S-RU00XZ        |
| 4' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 12942      | L9.5WT8/48/BSDG/835      | 9.5W  | 1600 lm | 3500K                     | 168 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLG3CR73ZC8Q    |
| 12940      | L9.5WT8/48/BSDG/840      | 9.5W  | 1650 lm | 4000K                     | 173 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLZ27QNT3Y9     |
| 12938      | L9.5WT8/48/BSDG/850      | 9.5W  | 1650 lm | 5000K                     | 173 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLZV16XPCO3X    |
| 12948      | L12WT8/48/BSDG/835       | 12W   | 1700 lm | 3500K                     | 141 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLI1ER915TXS    |
| 12941      | L12WT8/48/BSDG/840       | 12W   | 1800 lm | 4000K                     | 150 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLR44UNH947M    |
| 12947      | L12WT8/48/BSDG/850       | 12W   | 1800 lm | 5000K                     | 150 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLS988U884O1    |
| 12933      | L14WT8/48/BSDG/FCCT      | 14W   | 1800 lm | 3000/3500/4000/5000/6500K | 128 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | S-SI3T7L        |
| 12931      | L15WT8/48/BSG/840        | 15W   | 1800 lm | 4000K                     | 120 lm/W        | 120-277V      | 210°       | Single-ended          | 32W Fluorescent                | P2J5PJD6        |
| 12956      | L15WT8/48/BSG/850        | 15W   | 1800 lm | 5000K                     | 120 lm/W        | 120-277V      | 210°       | Single-ended          | 32W Fluorescent                | P5DYPYSH        |
| 12954      | L15WT8/48/BSDG/835       | 15W   | 2100 lm | 3500K                     | 140 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLC635B4BHZI    |
| 12936      | L15WT8/48/BSDG/840       | 15W   | 2200 lm | 4000K                     | 146 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PLGRXV4SCABP    |
| 12958      | L15WT8/48/BSDG/850       | 15W   | 2200 lm | 5000K                     | 146 lm/W        | 120-277V      | 210°       | Single + Double-ended | 32W Fluorescent                | PL52J0OCENV2    |
| PLASTIC    |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 2' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 13258      | L8WT8-24-BDP-840         | 8W    | 1200 lm | 4000K                     | 150 lm/W        | 120-277V      | 160°       | Double-ended          | 17W Fluorescent                | S-LNK4FE        |
| 13259      | L8WT8-24-BDP-850         | 8W    | 1200 lm | 5000K                     | 150 lm/W        | 120-277V      | 160°       | Double-ended          | 17W Fluorescent                | S-7WFX34        |
| 3' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 13261      | L9.5WT8-36-BDP-840       | 9.5W  | 1400 lm | 4000K                     | 147 lm/W        | 120-277V      | 160°       | Double-ended          | 25W Fluorescent                | S-09MFLR        |
| 13262      | L9.5WT8-36-BDP-850       | 9.5W  | 1400 lm | 5000K                     | 147 lm/W        | 120-277V      | 160°       | Double-ended          | 25W Fluorescent                | S-2QDIMB        |
| 4' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 13264      | L9.9WT8-48-BDP-840       | 9.9W  | 1600 lm | 4000K                     | 161 lm/W        | 120-277V      | 160°       | Double-ended          | 28W Fluorescent                | S-6DPAUI        |
| 13265      | L9.9WT8-48-BDP-850       | 9.9W  | 1600 lm | 5000K                     | 161 lm/W        | 120-277V      | 160°       | Double-ended          | 28W Fluorescent                | S-HRQM32        |
| 13267      | L14.5WT8-48-BDP-840      | 14.5W | 2100 lm | 4000K                     | 144 lm/W        | 120-277V      | 160°       | Double-ended          | 32W Fluorescent                | S-42IHO6        |
| 13268      | L14.5WT8-48-BDP-850      | 14.5W | 2100 lm | 5000K                     | 144 lm/W        | 120-277V      | 160°       | Double-ended          | 32W Fluorescent                | S-D1NPHV        |
| 8' LENGTH  |                          |       |         |                           |                 |               |            |                       |                                |                 |
| 13273      | L23.5WT8-96-BDP-840-FA8  | 23.5W | 3500 lm | 4000K                     | 148 lm/W        | 120-277V      | 180°       | Double-ended          | 54W Fluorescent                | S-25NK7U        |
| 13270      | L23.5WT8-96-BDP-840-G13  | 23.5W | 3500 lm | 4000K                     | 148 lm/W        | 120-277V      | 180°       | Double-ended          | 54W Fluorescent                | No DLC Category |
| 13274      | L23.5WT8-96-BDP-850-FA8  | 23.5W | 3500 lm | 5000K                     | 148 lm/W        | 120-277V      | 180°       | Double-ended          | 54W Fluorescent                | S-YRPFJ8        |
| 13271      | L23.5WT8-96-BDP-850-G13  | 23.5W | 3500 lm | 5000K                     | 148 lm/W        | 120-277V      | 180°       | Double-ended          | 54W Fluorescent                | No DLC Category |
| 13276      | L36.5WT8-96-BDP-840-FA8  | 36.5W | 5500 lm | 4000K                     | 150 lm/W        | 120-277V      | 180°       | Double-ended          | 96W Fluorescent                | S-3R1MUT        |
| 13279      | L36.5WT8-96-BDP-840-R17D | 36.5W | 5500 lm | 4000K                     | 150 lm/W        | 120-277V      | 180°       | Double-ended          | 96W Fluorescent                | No DLC Category |
| 13277      | L36.5WT8-96-BDP-850-FA8  | 36.5W | 5500 lm | 5000K                     | 150 lm/W        | 120-277V      | 180°       | Double-ended          | 96W Fluorescent                | S-7GBDJI        |
| 13280      | L36.5WT8-96-BDP-850-R17D | 36.5W | 5500 lm | 5000K                     | 150 lm/W        | 120-277V      | 180°       | Double-ended          | 96W Fluorescent                | No DLC Category |

\* All FieldCCEt lamps ship at 4000K CCT

COMPATIBLE EMERGENCY BATTERIES (FOR TYPE B INSTALLATION ONLY)\*\*

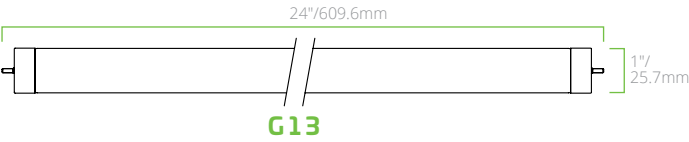
| ORDER CODE | ITEM #        | DESCRIPTION                     | INPUT VOLTAGE | EMERGENCY TIME | OUTPUT POWER | BACKUP LUMENS  | RECHARGE TIME | TITLE 20 |
|------------|---------------|---------------------------------|---------------|----------------|--------------|----------------|---------------|----------|
| 10361      | EMB-CP-5WBT-U | External Emergency Battery, 5W  | 120-277V      | >90 mins       | 5W           | 700            | 24 hrs        | Yes      |
| 11675      | EEBE18WHA170S | External Emergency Battery, 18W | 120-347V      | >90 mins       | 18W          | Refer to lamp* | 24 hrs        | Yes      |

\* Refer to the lamp's lumen output for the Backup Lumens

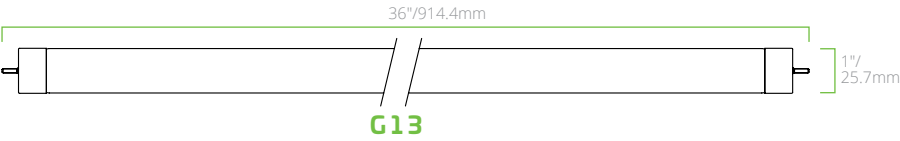
\*\* Battery backups are NOT compatible with 8' Lamps

PRODUCT DIMENSIONS

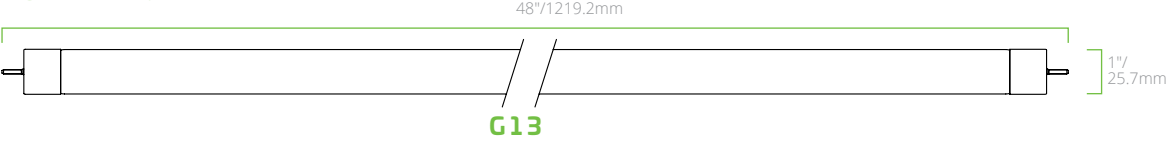
TYPE B GLASS & PLASTIC  
T8 - 2 FT.



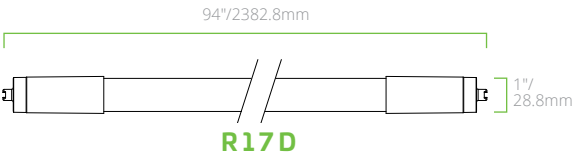
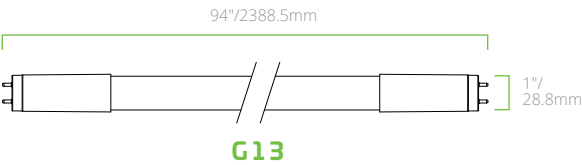
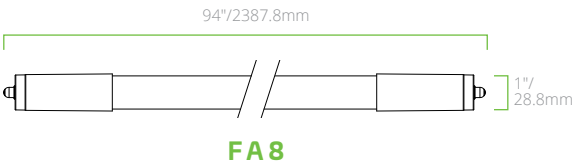
T8 - 3 FT.



T8 - 4 FT.



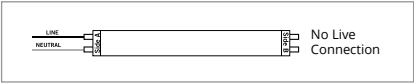
TYPE B PLASTIC  
T8 - 8 FT.



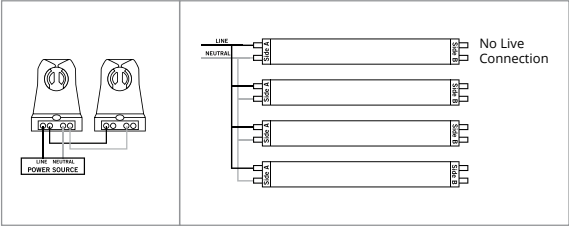
WIRING DIAGRAMS G13 LAMPS

SINGLE-ENDED

Single Lamp Installation

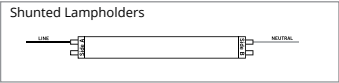


Multiple Lamp Installation

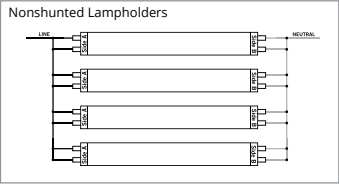
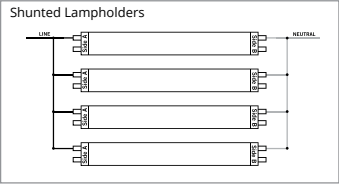


DOUBLE-ENDED\*

Single Lamp Installation



Multiple Lamp Installation



\*Note: Both pins on each end of the lamp must be connected to line voltage as shown above. If lamp holder is a non-shunted type, it must be shunted (shorted) by external jumper.



## T8 Type A LED T8 Lamps: Glass & Plastic

### HIGHLIGHTS

- LED T8 Type A plug and play replacement lamps directly replace T8 fluorescent lamps without having to change a ballast
- Functions on most electronic T8 ballast (instant & programmed) and battery backup
- Instantaneous full light output upon power-up
- Wide illumination angle provides up to 330° of light distribution
- Glass material for better light transmission (glass models)
- Plastic (polycarbonate) material for durability and reduced breakage (plastic models)
- Frosted lens reduces visual glare
- Plastic models meet the requirements for NSF; aiding as a component to a NSF lighting system

### CERTIFICATIONS

- UL Certified for US & Canada
- FCC Compliant
- RoHS Compliant
- ICES-005 Compliant
- Damp Location
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

### PERFORMANCE

- High efficacy, up to 194 lm/W
- Available in single CCT models: 3500, 4000 or 5000K
- CRI: >82
- Up to 330° illumination angle, with a beam angle of 210° for glass and 160° for plastic
- Rated Life L70: >50,000 hours

### ELECTRICAL

- Input voltage: Ballast dependent
- Power Factor: >0.9
- THD: <20%

### THERMAL

- -4°F to 113°F (-20°C to 45°C) operating temperature
- Not recommended for air-tight fixtures

### CONSTRUCTION

- Available in 2', 3', and 4' lengths
- U-bend models available in 1 5/8" and 6" leg spacing
- Frosted glass lens provides optimal heat dissipation (glass models)
- Polycarbonate lens for durability (plastic models)
- G13 base

### COMPATABILITY

- For a list of compatible ballasts please visit [eiko.com](http://eiko.com).

### WARRANTY

- 5-Year limited warranty available [online](http://online). Contact your EiKO sales rep for additional details.

## KEY FEATURES

### LAMP-FOR-LAMP REPLACEMENT

Hassle-free install with a lamp-for-lamp replacement

### SHATTER RESISTANT & NSF

Polycarbonate lamps meet the requirements for NSF; aiding as a component to a NSF lighting system and reduces breakage

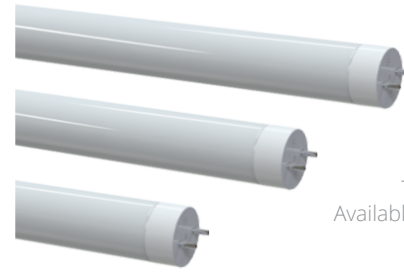
### WIDE RANGE OF COMPATIBILITY

Compatible with a wide range of ballasts (instant-start, programmed start, programmed dimmable, and emergency)

### WIDER BEAM, MORE LIGHT

Wide illumination angle provides 330° of light distribution

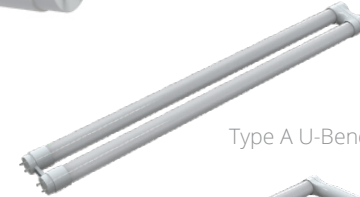
|                |         |
|----------------|---------|
| project name   | type    |
| catalog number | voltage |
| approved by    | date    |



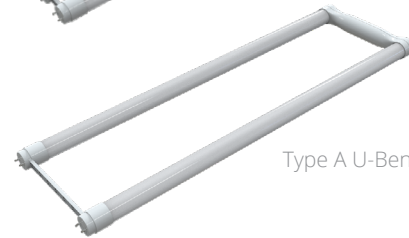
T8 Type A Lamps  
Available in 2', 3', and 4' lengths



T8 Type A Plastic Lamps  
Available in 2', 3', and 4' lengths



Type A U-Bend: 1 5/8" leg spacing



Type A U-Bend: 6" leg spacing



### APPLICATIONS

- Office
- Hospital
- Classroom
- Hotel
- Retail
- Warehouse
- Stairwell
- Hallway
- Production
- Gym
- Campus



## AVAILABLE MODELS

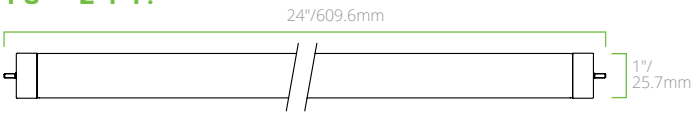
| ORDER CODE                  | ITEM #             | WATTS | LUMENS  | CCT   | EFFICACY<br>(lm/W) | BEAM<br>ANGLE | TRADITIONAL WATTAGE<br>EQUIVALENT | DLC ID#<br><br>STANDARD |
|-----------------------------|--------------------|-------|---------|-------|--------------------|---------------|-----------------------------------|-------------------------|
| GLASS                       |                    |       |         |       |                    |               |                                   |                         |
| 2' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 12671                       | L8WT8/24/AG/835    | 8W    | 1250 lm | 3500K | 156 lm/W           | 210           | 17W Fluorescent                   | S-JFLXR2                |
| 12676                       | L8WT8/24/AG/840    | 8W    | 1250 lm | 4000K | 156 lm/W           | 210           | 17W Fluorescent                   | S-WOJA7G                |
| 12677                       | L8WT8/24/AG/850    | 8W    | 1250 lm | 5000K | 156 lm/W           | 210           | 17W Fluorescent                   | S-2IK5B6                |
| 3' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 12678                       | L10WT8/36/AG/835   | 10W   | 1450 lm | 3500K | 145 lm/W           | 210           | 25W Fluorescent                   | S-27KE9Z                |
| 12679                       | L10WT8/36/AG/840   | 10W   | 1450 lm | 4000K | 145 lm/W           | 210           | 25W Fluorescent                   | S-HPL0V8                |
| 12680                       | L10WT8/36/AG/850   | 10W   | 1450 lm | 5000K | 145 lm/W           | 210           | 25W Fluorescent                   | S-V2T75K                |
| 4' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 12681                       | L8.5WT8/48/AG/835  | 8.5W  | 1650 lm | 3500K | 194 lm/W           | 210           | 32W Fluorescent                   | S-JDK1UB                |
| 12682                       | L8.5WT8/48/AG/840  | 8.5W  | 1650 lm | 4000K | 194 lm/W           | 210           | 32W Fluorescent                   | S-MQ0HZ2                |
| 12683                       | L8.5WT8/48/AG/850  | 8.5W  | 1650 lm | 5000K | 194 lm/W           | 210           | 32W Fluorescent                   | S-8635K0                |
| 12684                       | L9.9WT8/48/AG/835  | 9.9W  | 1800 lm | 3500K | 181 lm/W           | 210           | 32W Fluorescent                   | S-J30GYZ                |
| 12685                       | L9.9WT8/48/AG/840  | 9.9W  | 1800 lm | 4000K | 181 lm/W           | 210           | 32W Fluorescent                   | S-OXD8UW                |
| 12686                       | L9.9WT8/48/AG/850  | 9.9W  | 1800 lm | 5000K | 181 lm/W           | 210           | 32W Fluorescent                   | S-PN06RU                |
| 12687                       | L12.9WT8/48/AG/835 | 12.9W | 2200 lm | 3500K | 170 lm/W           | 210           | 32W Fluorescent                   | S-HQS1A5                |
| 12688                       | L12.9WT8/48/AG/840 | 12.9W | 2200 lm | 4000K | 170 lm/W           | 210           | 32W Fluorescent                   | S-5Y1WTG                |
| 12689                       | L12.9WT8/48/AG/850 | 12.9W | 2200 lm | 5000K | 170 lm/W           | 210           | 32W Fluorescent                   | S-C7RIY3                |
| U-BEND - 1 5/8" LEG SPACING |                    |       |         |       |                    |               |                                   |                         |
| 12690                       | L11.5WT8/U1/AG/835 | 11.5W | 1800 lm | 3500K | 156 lm/W           | 210           | 32W Fluorescent                   | S-C768FK                |
| 12691                       | L11.5WT8/U1/AG/840 | 11.5W | 1800 lm | 4000K | 156 lm/W           | 210           | 32W Fluorescent                   | S-KQZA21                |
| 12692                       | L11.5WT8/U1/AG/850 | 11.5W | 1800 lm | 5000K | 156 lm/W           | 210           | 32W Fluorescent                   | S-M29PDB                |
| U-BEND - 6" LEG SPACING     |                    |       |         |       |                    |               |                                   |                         |
| 12693                       | L11.5WT8/U6/AG/835 | 11.5W | 1800 lm | 3500K | 156 lm/W           | 210           | 32W Fluorescent                   | S-3WKGCA                |
| 12694                       | L11.5WT8/U6/AG/840 | 11.5W | 1800 lm | 4000K | 156 lm/W           | 210           | 32W Fluorescent                   | S-I8YVOE                |
| 12695                       | L11.5WT8/U6/AG/850 | 11.5W | 1800 lm | 5000K | 156 lm/W           | 210           | 32W Fluorescent                   | S-1P280N                |
| PLASTIC                     |                    |       |         |       |                    |               |                                   |                         |
| 2' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 13247                       | L7WT8-24-AP-840    | 7W    | 1200 lm | 4000K | 171 lm/W           | 160           | 17W Fluorescent                   | S-K6X4P7                |
| 13248                       | L7WT8-24-AP-850    | 7W    | 1200 lm | 5000K | 171 lm/W           | 160           | 17W Fluorescent                   | S-MEYFA9                |
| 3' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 13249                       | L8.5WT8-36-AP-840  | 8.5W  | 1400 lm | 4000K | 164 lm/W           | 160           | 25W Fluorescent                   | S-VJ3XF7                |
| 13250                       | L8.5WT8-36-AP-850  | 8.5W  | 1400 lm | 5000K | 164 lm/W           | 160           | 25W Fluorescent                   | S-57HXC�                |
| 4' LENGTH                   |                    |       |         |       |                    |               |                                   |                         |
| 13251                       | L8.9WT8-48-AP-840  | 8.9W  | 1600 lm | 4000K | 179 lm/W           | 160           | 28W Fluorescent                   | S-CU8N4F                |
| 13252                       | L8.9WT8-48-AP-850  | 8.9W  | 1600 lm | 5000K | 179 lm/W           | 160           | 28W Fluorescent                   | S-6Z1EN4                |
| 13253                       | L13WT8-48-AP-840   | 13W   | 2100 lm | 4000K | 161 lm/W           | 160           | 30W Fluorescent                   | S-3JECKB                |
| 13254                       | L13WT8-48-AP-850   | 13W   | 2100 lm | 5000K | 161 lm/W           | 160           | 30W Fluorescent                   | S-31GHWA                |
| 13255                       | L15.5WT8-48-AP-840 | 15.5W | 2500 lm | 4000K | 161 lm/W           | 160           | 32W Fluorescent                   | S-1PAHL9                |
| 13256                       | L15.5WT8-48-AP-850 | 15.5W | 2500 lm | 5000K | 161 lm/W           | 160           | 32W Fluorescent                   | S-HY4WVC                |



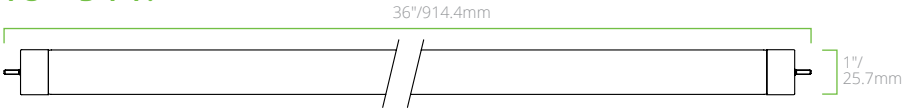
PRODUCT DIMENSIONS

TYPE A GLASS

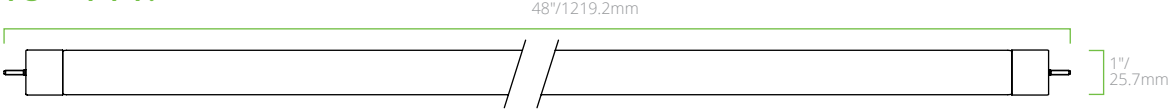
T8 - 2 FT.



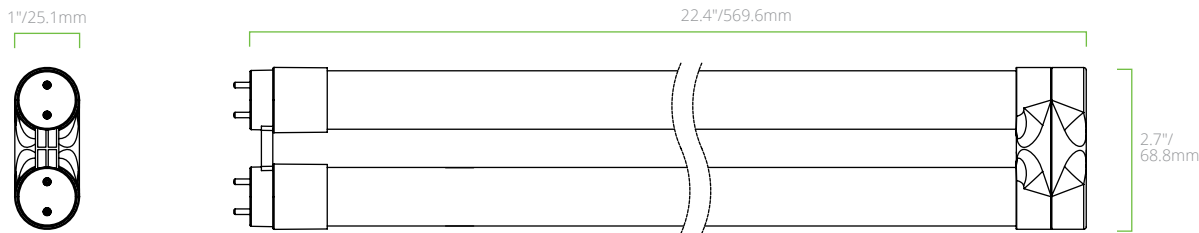
T8 - 3 FT.



T8 - 4 FT.



U-BEND - 1 5/8" LEG SPACING



U-BEND - 6" LEG SPACING

