

| | |
|---------------|-------|
| Project Name: | Type: |
| Part Number: | Date: |

BYPASS T5

FEATURES

- 24T5HO UEB- Single or Double ended installation
- Built-in universal voltage driver (120-277V) - BYPass installation
- High efficacy up to 138LPW
- 270° wide light emitting area
- Symmetrical driver design reduces end to end dark area
- Suitable for use in enclosed fixture and damp location
- Liquid powder coated glass, reduces glare
- NSF (National Sanitation Foundation) certified for Food Zone (Non-Contact), Splash, and Non-Food Zones
- UL 1598C classified
- Fixture operating temperature: -4°F to 113°F (-20°C to 45°C)
- Lamp ambient temperature: -4°F to 131°F (-20°C to 55°C)
- Rated lifetime (L70) up to: 60,000hrs
- 5 year limited warranty* / 10 year available (see EXTENDED WARRANTIES table for information)
- Suitable for all indoor general lighting application



SPECIFICATIONS

| Product | Model | Nominal Length | Equiv. | Input Voltage | Life (hrs) | Wattage | Lumens | CCT | Efficacy (LPW) | CRI | Power Factor | THD | Beam Angle | Dim.** | DLC / NSF |
|---------|-----------------------|----------------|--------|---------------|------------|---------|--------|-------|----------------|-----|--------------|------|------------|--------|-----------|
| 36946 | 9.5T5HE/2F/835/BYP/R | 2' | 14W | 120-277V | 60,000 | 9.5 | 1,150 | 3500K | 121 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36947 | 9.5T5HE/2F/840/BYP/R | 2' | 14W | 120-277V | 60,000 | 9.5 | 1,200 | 4000K | 126 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 37112 | 12T5HE/3F/830/BYP/R | 3' | 21W | 120-277V | 60,000 | 12 | 1,350 | 3000K | 113 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36950 | 12T5HE/3F/835/BYP/R | 3' | 21W | 120-277V | 60,000 | 12 | 1,450 | 3500K | 121 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36951 | 12T5HE/3F/840/BYP/R | 3' | 21W | 120-277V | 60,000 | 12 | 1,500 | 4000K | 125 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36954 | 14.5T5HE/4F/830/BYP/R | 4' | 28W | 120-277V | 60,000 | 14.5 | 1,800 | 3000K | 124 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36955 | 14.5T5HE/4F/835/BYP/R | 4' | 28W | 120-277V | 60,000 | 14.5 | 1,800 | 3500K | 124 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36956 | 14.5T5HE/4F/840/BYP/R | 4' | 28W | 120-277V | 60,000 | 14.5 | 2,000 | 4000K | 138 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36990 | 14.5T5HE/4F/850/BYP/R | 4' | 28W | 120-277V | 60,000 | 14.5 | 2,000 | 5000K | 138 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36952 | 14.5T5HO/3F/835/BYP/R | 3' | 39W | 120-277V | 60,000 | 14.5 | 1,850 | 3500K | 128 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36953 | 14.5T5HO/3F/840/BYP/R | 3' | 39W | 120-277V | 60,000 | 14.5 | 1,900 | 4000K | 131 | 82 | 0.9 | <20% | 160° | Yes | N.A. / √ |
| 36957 | 24T5HO/4F/830/UEB | 4' | 54W | 120-277V | 60,000 | 24 | 3,200 | 3000K | 133 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36958 | 24T5HO/4F/835/UEB | 4' | 54W | 120-277V | 60,000 | 24 | 3,200 | 3500K | 133 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36959 | 24T5HO/4F/840/UEB | 4' | 54W | 120-277V | 60,000 | 24 | 3,300 | 4000K | 138 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |
| 36960 | 24T5HO/4F/850/UEB | 4' | 54W | 120-277V | 60,000 | 24 | 3,300 | 5000K | 138 | 82 | 0.9 | <20% | 160° | Yes | √ / √ |

* Please visit www.greencreative.com for Limited Warranty terms.

** This lamp is dimmable when used with a dimming accessory (sold separately), it is not dimmable with a phase cut dimmer, please contact GREEN CREATIVE for more details.

BYPASS T5

DIMENSION & WEIGHT



| Model | 9.5T5HE/2F/xxx/BYP/R | 12T5HE/3F/xxx/BYP/R 14.5T5HO/3F/xxx/BYP/R | 14.5T5HE/4F/xxx/BYP/R | 24T5HO/4F/xxx/UEB |
|--------|----------------------|----------------------------------------------|-----------------------|-------------------|
| Base | G5 | G5 | G5 | G5 |
| MOL | 22" | 34" | 45-3/4" | 45-3/4" |
| Dia. | 11/16" | 11/16" | 11/16" | 11/16" |
| Weight | 0.19lb | 0.28lb | 0.41lb | 0.49lb |

Where xxx means 824-965 which indicates CRI and color temperature

INSTALLATION

Diagram A – Non-Shunted

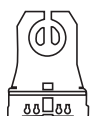
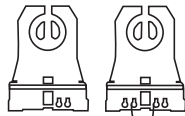
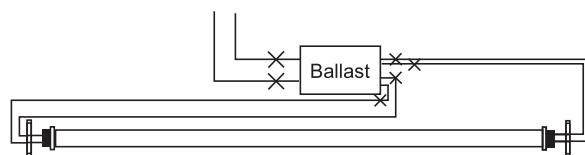
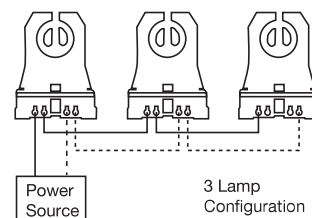


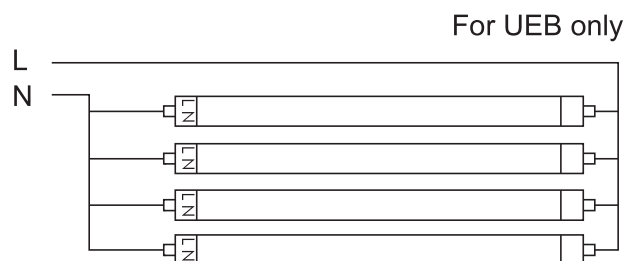
Diagram B – Shunted



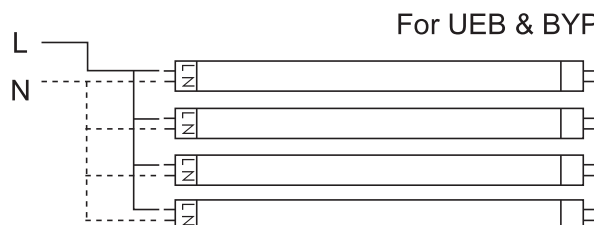
UEB(Single ended + Double ended)



Step 1. Cut all wires connected to the existing ballast, remove the ballast




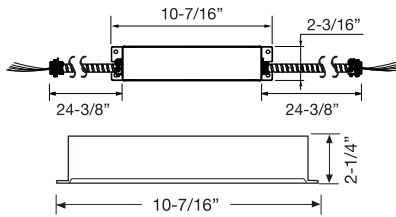
Step 2. For shunted holders, wire the holders and lamps according to the above diagram.



Step 2. For non-shunted holders, wire the holders and lamps according to the diagram.

BYPASS T5

ACCESSORY ORDERING INFORMATION

| Product | Model | Description | Pictures | Dimensions |
|---------|------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 98003 | 23EMDRIVER | California Title 20 Compliant 23W Emergency LED Driver (Field Installation) |  |  |

EXTENDED WARRANTIES***

| Model | Description**** |
|-------------------------------|---------------------------------------------|
| 9.5T5HE/2F/BYP/10YEARWARRANTY | 10 Year warranty for 9.5T5HE/2F/8xx/BYP/yy |
| 12T5HE/3F/10YEARWARRANTY | 10 Year warranty for 12T5HE/3F/8xx/BYP/yy |
| 14.5T5HE/4F/10YEARWARRANTY | 10 Year warranty for 14.5T5HE/4F/8xx/BYP/yy |
| 14.5T5HO/3F/10YEARWARRANTY | 10 Year warranty for 14.5T5HO/3F/8xx/BYP/yy |
| 24T5HO/4F/UEB/10YEARWARRANTY | 10 Year warranty for 24T5HO/4F/8xx/UEB/yy |

*** Warranty based on a maximum of 4,368 annual operating hours (per year for ten years) and exposure to a maximum fixture operating temperature of 80°F / 27°C.

**** xx – Refers to the CCT yy – Refers to model generations within the same nominal performance. Typically blank, 'R', or 'RC'

CERTIFICATION INFORMATION

| Product | Model | DLC ID# |
|---------|-----------------------|----------|
| 36954 | 14.5T5HE/4F/830/BYP/R | S-X094HR |
| 36955 | 14.5T5HE/4F/835/BYP/R | S-2EXO8F |
| 36956 | 14.5T5HE/4F/840/BYP/R | S-OC3HSK |
| 36957 | 24T5HO/4F/830/UEB | S-PJTLKD |
| 36958 | 24T5HO/4F/835/UEB | S-OA7DKE |
| 36959 | 24T5HO/4F/840/UEB | S-3ULEHG |
| 36960 | 24T5HO/4F/850/UEB | S-TL9G3R |

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.