

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

SINGLE ENDED BYPASS T5

FEATURES

- Built-in universal voltage driver (120-277V) - BYPass installation
- High efficacy up to 138LPW
- Opaque plastic lens reduces glare
- 270° wide light emitting area
- Symmetrical driver design reduces end to end dark area
- Suitable for use in enclosed fixture and damp location
- All plastic design eliminates breakage
- Meets NSF requirements
- 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



051321



SPECIFICATIONS

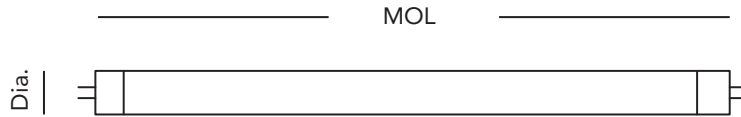
| Product | Model | Nominal Length | Equiv. | Input Voltage | Life (hrs) | Wattage | Lumens | CCT | Efficacy (LPW) | CRI | Power Factor | THD | Beam Angle | Dim. | DLC |
|---------|---------------------|----------------|--------|---------------|------------|---------|--------|-------|----------------|-----|--------------|------|------------|------|------|
| 98302 | 25T5HO/4F/830/BYP | 4' | 54W | 120-277V | 50,000 | 25 | 3200 | 3000K | 128 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98303 | 25T5HO/4F/835/BYP | 4' | 54W | 120-277V | 50,000 | 25 | 3200 | 3500K | 128 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98304 | 25T5HO/4F/840/BYP | 4' | 54W | 120-277V | 50,000 | 25 | 3200 | 4000K | 128 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98305 | 25T5HO/4F/850/BYP | 4' | 54W | 120-277V | 50,000 | 25 | 3200 | 5000K | 128 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98299 | 14.5T5HO/3F/830/BYP | 3' | 39W | 120-277V | 50,000 | 14.5 | 1800 | 3000K | 124 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98300 | 14.5T5HO/3F/835/BYP | 3' | 39W | 120-277V | 50,000 | 14.5 | 1850 | 3500K | 128 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98301 | 14.5T5HO/3F/840/BYP | 3' | 39W | 120-277V | 50,000 | 14.5 | 1900 | 4000K | 131 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98296 | 11.5T5HO/2F/830/BYP | 2' | 24W | 120-277V | 60,000 | 11.5 | 1350 | 3000K | 117 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98297 | 11.5T5HO/2F/835/BYP | 2' | 24W | 120-277V | 60,000 | 11.5 | 1400 | 3500K | 122 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98298 | 11.5T5HO/2F/840/BYP | 2' | 24W | 120-277V | 60,000 | 11.5 | 1500 | 4000K | 130 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 35668 | 11.5T5HO/2F/850/BYP | 2' | 24W | 120-277V | 60,000 | 11.5 | 1500 | 5000K | 130 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98293 | 14.5T5HE/4F/830/BYP | 4' | 28W | 120-277V | 50,000 | 14.5 | 1750 | 3000K | 121 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98294 | 14.5T5HE/4F/835/BYP | 4' | 28W | 120-277V | 50,000 | 14.5 | 1800 | 3500K | 124 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98295 | 14.5T5HE/4F/840/BYP | 4' | 28W | 120-277V | 50,000 | 14.5 | 2000 | 4000K | 138 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98290 | 12T5HE/3F/830/BYP | 3' | 21W | 120-277V | 60,000 | 12 | 1350 | 3000K | 113 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98291 | 12T5HE/3F/835/BYP | 3' | 21W | 120-277V | 60,000 | 12 | 1400 | 3500K | 117 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98292 | 12T5HE/3F/840/BYP | 3' | 21W | 120-277V | 60,000 | 12 | 1500 | 4000K | 125 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98287 | 9.5T5HE/2F/830/BYP | 2' | 14W | 120-277V | 60,000 | 9.5 | 1100 | 3000K | 116 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98288 | 9.5T5HE/2F/835/BYP | 2' | 14W | 120-277V | 60,000 | 9.5 | 1150 | 3500K | 121 | 82 | 0.9 | <20% | 120° | No | N.A. |
| 98289 | 9.5T5HE/2F/840/BYP | 2' | 14W | 120-277V | 60,000 | 9.5 | 1200 | 4000K | 126 | 82 | 0.9 | <20% | 120° | No | N.A. |

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



SINGLE ENDED BYPASS T5

DIMENSION & WEIGHT



| Model | 9.5T5HE/2F/xxx/BYP 11.5T5HO/2F/xxx/BYP | 12T5HE/3F/xxx/BYP 14.5T5HO/3F/xxx/BYP | 14.5T5HE/4F/xxx/BYP 25T5HO/4F/xxx/BYP |
|--------|---|--|--|
| Base | G5 | G5 | G5 |
| MOL | 22" | 34" | 45-3/4" |
| Dia. | 11/16" | 11/16" | 11/16" |
| Weight | 0.19lb | 0.28lb | 0.41lb |

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

INSTALLATION

Diagram A – Non-Shunted

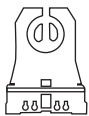
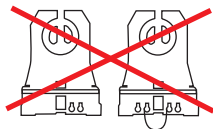
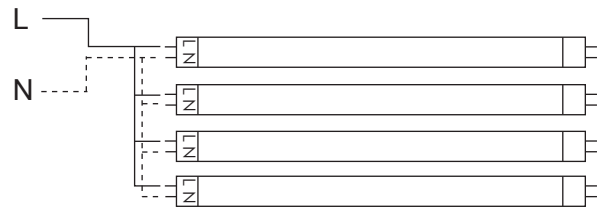
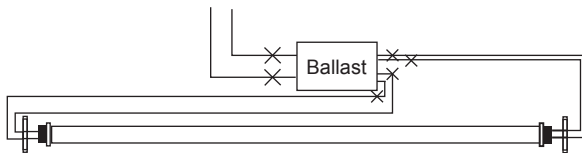
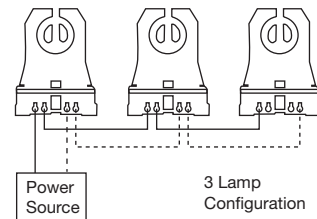


Diagram B – Shunted



This lamp is compatible with non-shunted lamp holder ONLY.



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

Step 2. If shunted lamp holders are used in the existing fixture, replace them with non-shunted holders first. Wire the holders and lamps according to the above diagram.

ACCESSORY ORDERING INFORMATION

| Product | Model | Description | Pictures | Dimensions |
|---------|------------|---|----------|---|
| 98003 | 23EMDRIVER | California Title 20 Compliant 23W Emergency LED Driver (Field Installation) | | <p>10-7/16" 2-3/16" 24-3/8" 24-3/8" 2-1/4" 10-7/16"</p> |



SINGLE ENDED BYPASS T5

| EXTENDED WARRANTIES** | |
|------------------------------|---|
| Model | Description*** |
| 9.5T52F/BYP/10YEARWARRANTY | 10 Year warranty for 9.5T5/2F/8xx/BYP/yy |
| 12T5/3F/BYP/10YEARWARRANTY | 10 Year warranty for 12T5/3F/8xx/BYP/yy |
| 14.5T5/4F/BYP/10YEARWARRANTY | 10 Year warranty for 14.5T5/4F/8xx/BYP/yy |
| 11.5T5/2F/BYP/10YEARWARRANTY | 10 Year warranty for 11.5T5/2F/8xx/BYP/yy |
| 14.5T5/3F/BYP/10YEARWARRANTY | 10 Year warranty for 14.5T5/3F/8xx/BYP/yy |
| 25T5/4F/BYP/10YEARWARRANTY | 10 Year warranty for 20.5T5/4F/8xx/BYP/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'

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