

## Option 1

### Direct Drive LED T5 Lamps

Emium “ballast by-pass” LED T5 Lamps eliminate the need to maintain aging T5HO ballasts.

- Uses only 25-Watts
- 50,000 hour L70 rated life
- Over 50% energy savings versus T5 HO 54W fluorescent
- Environmentally friendly, mercury free

## Option 2

### Plug & Play LED T5 Lamps

Emium Plug & Play LED T5 Lamps replace fluorescent T5 tubes without removing the existing T5 ballast.

- Uses 28-Watts
- 50,000 hour L70 rated life
- Direct replacement for T5HO lamps
- Compatible with programmable start T5HO electronic ballasts.

# LED Interior Lighting T5 HO Fluorescent Tube Replacement

- LED T5 HO LED tubes offer a convenient and inexpensive way to replace existing T5 HO fluorescent tubes with energy saving LED tubes.
- Major Power Savings - Compared to fluorescent tubes, more than 50% less power usage dramatically reduces energy costs
- Lower Maintenance - Lasts 50,000 hours resulting in lower costs by reducing re-lamp frequency, especially in difficult to reach areas that require lifts, scaffolding, etc.
- Cool Operation - Remains cool to the touch, fire safe, reduces air conditioning loads significantly
- Full strength light up - no buzzing or flickering
- No Radiation - No ultraviolet or infrared, No RFI/EMI/HD problems related to fluorescents, especially in hospital radiology areas or around sensitive instruments
- Flexible Ambient Temperatures - Greater performance in cold or freezer-type applications where fluorescents have very high failure rates
- Environmentally friendly - eliminates the mercury present in fluorescent tubes, fully recyclable, drastically reduces landfill problems caused by fluorescent lights



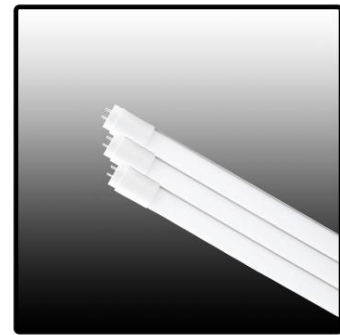
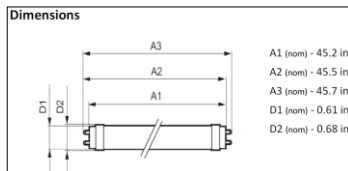
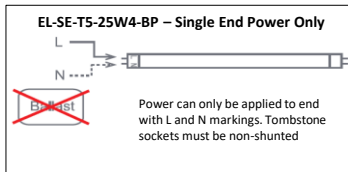
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or call 224.735.3435 | [www.emium.com](http://www.emium.com)

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### Emium T5 LED Lamp Specifications

|                              |   |  |
|------------------------------|---|--|
| <b>Model</b>                 | EL-SE-T5-25W4-BP-XXXX   | EL-SE-T5-28W4FT-XXXX   |
| <b>Input Voltage</b>         | 100 – 277VAC<br>Line Direct/Ballast By-pass   | Ballast Compatible<br>For use with programmable start T5HO electronic ballasts |
| <b>Tube Length</b>           | 46"<br><b>NOTE:</b> The 4 ft. T5 tube is actually 46" in length to fit in a standard T5 fixture |  |
| <b>Wattage</b>               | 25 watts  | 28 watts ( <i>Ballast Dependent</i> )  |
| <b>Lumen Output</b>          | 3,500   | 2,800 - 3,200 ( <i>Ballast Dependent</i> )                                     |
| <b>Color Temperatures</b>    | 3000K, 3500K, 4000K, 5000K  | 3000K, 4000K, 5000K  |
| <b>Operating Temperature</b> | -4°F to +113°F  |  |
| <b>Beam Angle</b>            | 150°  |  |
| <b>CRI</b>                   | > 80  |  |
| <b>L70 Life Rating</b>       | > 50,000 hours  |  |



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