

# T8 12W 3FT. DEB TITANIUM LED SERIES



PRO



BYPass

12W REPLACES



25W  
Fluo.

60% Energy Savings

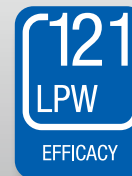
- Double-ended BYPass installation – wired at both ends
- Utilizes existing lampholders – non-shunted or shunted
- Wide beam design: 310° light emitting area
- Suitable for use in totally enclosed fixtures
- Frosted glass tube for increased light diffusion efficiency
- Meets NSF requirements



50,000 H



UNIVERSAL



EFFICACY



WARRANTY



CRI (Ra)



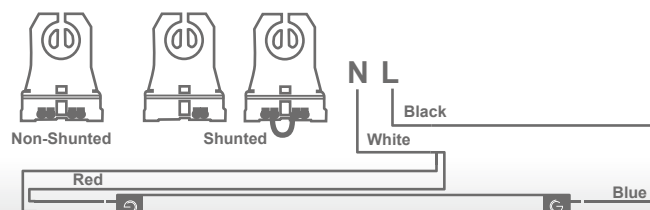
ENCLOSED\*\*



## TUBE FEATURES

### Double-ended BYPass Installation

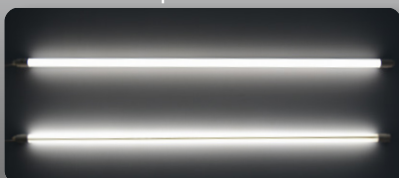
The T8 DEB lamp installs quickly and safely without the need to rewire to a single end or replace lampholders. After bypassing the ballast the lamp utilizes the existing non-shunted or shunted lampholders and line and neutral are connected to each end. The lamp adheres to UL requirements to be wired in this configuration.



### Extra Wide Beam Design - Frosted Glass Body



Lamp Front View

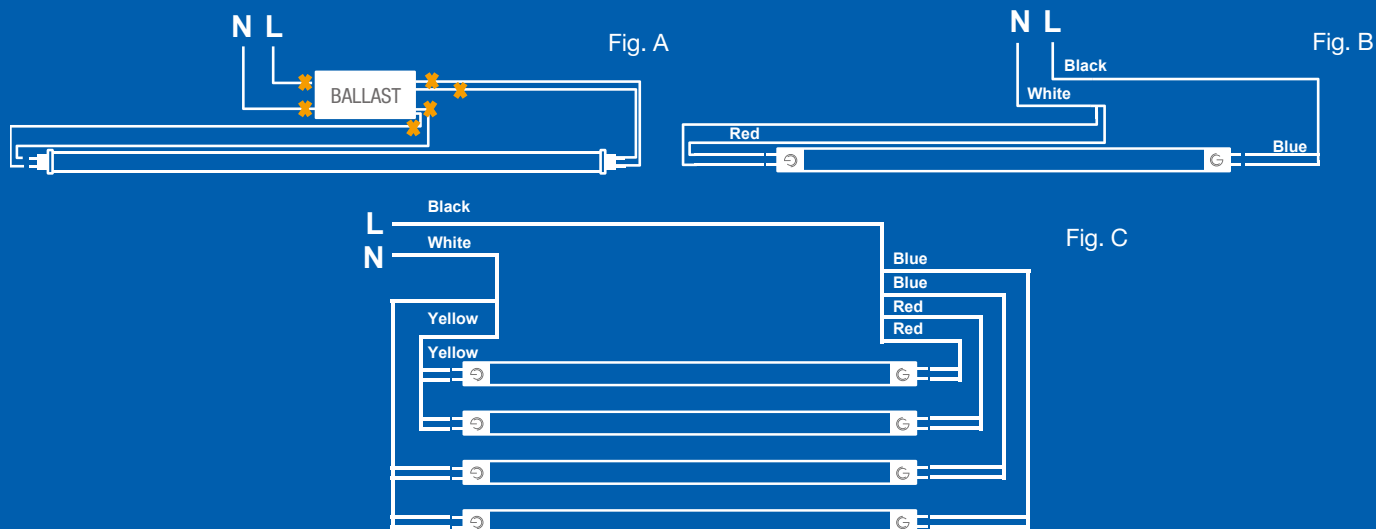






Lamp Back View

This lamp uses an innovative coated glass design that diffuses heat and light more evenly than plastic. As a result of its compact light engine, this lamp produces a light emitting area of 310°. This wider beam angle improves a fixture's total light distribution and creates a more complete lighting effect.

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## BYPASS INSTALLATION



-  Bypass ballast by cutting all wires as in Fig. A
-  For single tube, follow wiring instructions in Fig. B. For multiple tubes follow wiring instructions in Fig. C
-  Lampholders do not need to be replaced. Continue using existing non-shunted or shunted lampholders
-  Existing fixture maintains original UL compliance as per UL 1598C tube

## SPECIFICATIONS

| Product Model               | 98340<br>12T8/3F/830/DEB    | 98341<br>12T8/3F/835/DEB    | 98342<br>12T8/3F/840/DEB    |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Type                        | T8                          | T8                          | T8                          |
| Base                        | Medium Bi-Pin G13           | Medium Bi-Pin G13           | Medium Bi-Pin G13           |
| Power (W)                   | 12                          | 12                          | 12                          |
| Voltage - Frequency         | 120-277V 50-60Hz            | 120-277V 50-60Hz            | 120-277V 50-60Hz            |
| Color Temp. (ANSI)          | Warm White 3000K            | Neutral White 3500K         | Cool White 4000K            |
| CRI (Ra)                    | 82                          | 82                          | 82                          |
| Typical lumens (lm)         | 1400                        | 1400                        | 1450                        |
| Efficacy (LPW)              | 117                         | 117                         | 121                         |
| Light Emitting Area         | 310°                        | 310°                        | 310°                        |
| Beam Angle                  | 160°                        | 160°                        | 160°                        |
| Dimmable                    | No                          | No                          | No                          |
| Power Factor                | 0.9                         | 0.9                         | 0.9                         |
| THD                         | <20%                        | <20%                        | <20%                        |
| Rated Lifetime - L70 (hrs.) | 50,000                      | 50,000                      | 50,000                      |
| Dia. x MOL                  | 1.01" x 35.75" (25.7x908mm) | 1.01" x 35.75" (25.7x908mm) | 1.01" x 35.75" (25.7x908mm) |
| Weight (lb. / g)            | 0.40lb. / 180g              | 0.40lb. / 180g              | 0.40lb. / 180g              |

\* Suitable for use in totally enclosed fixtures

\*\* Suitable for damp locations. Not for use where directly exposed to the weather or water