

# LED LAMP

## VIVID Series

### Bypass T8 Lamp



## VIV-T8BP6 (Double-ended)



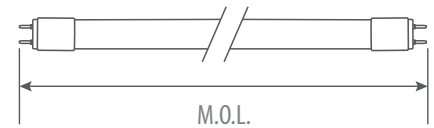
### Features & Benefits

- DLC approved
- External ballast not required
- Double-ended installation
- Our safety features allow for installation as well as misapplication protection<sup>1</sup>

- High CRI (82+)
- 50,000 hour life (L70)
- Use existing lamp holders (non-shunted or shunted)
- 220° Beam angle

<sup>1</sup>Contact your local Turolight representative for detail

### Dimensional drawing



### Warranty & Cautions

- 5-year limited warranty
- Operating temperature range between -20°C and +45°C
- UL/cUL listed, RoHS compliant

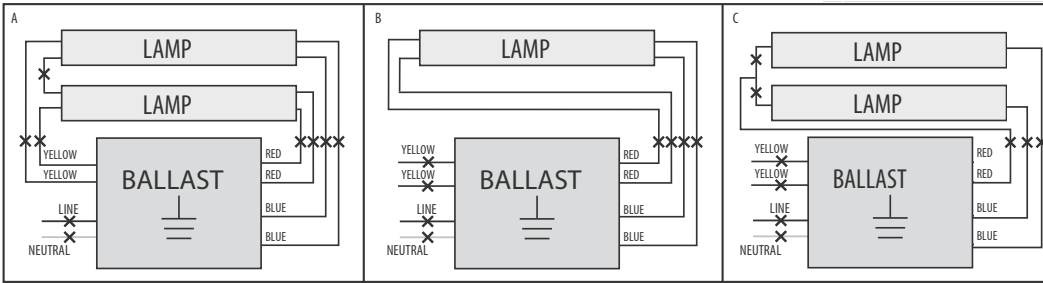
### Ordering Information Example: VIV-T8BP6/12W/30/F/DE

| LED CLASS   | LAMP TYPE | Bypass, Shatterproof                  | WATTAGE    | CCT(K)   | FROST     | INSTALLATION      |
|-------------|-----------|---------------------------------------|------------|--|-----------|-------------------|
| VIV (Vivid) | T8        | BP6 (Bypass, 6 <sup>th</sup> Version) | 12W<br>15W | 30 (3000K)<br>35 (3500K)<br>40 (4000K)<br>50 (5000K) | F (Frost) | DE (Double-ended) |

### Product Specification

| Ordering Code | DLC | Model Number          | Watts (W) | Voltage (V) | Initial Lumen (lm) | Base | Hour Rating | Beam Angle | CCT(K) | CRI | M.O.L. (inch) | Case QTY. |
|---------------|-----|-----------------------|-----------|-------------|--------------------|------|-------------|------------|--------|-----|---------------|-----------|
| 1752220       | N   | VIV-T8BP6/12W/30/F/DE | 12        | 120-277     | 1700               | G13  | 50,000      | 220°       | 3000   | 82  | 48            | 25        |
| 1752308       | Y   | VIV-T8BP6/12W/35/F/DE | 12        | 120-277     | 1700               | G13  | 50,000      | 220°       | 3500   | 82  | 48            | 25        |
| 1752418       | Y   | VIV-T8BP6/12W/40/F/DE | 12        | 120-277     | 1800               | G13  | 50,000      | 220°       | 4000   | 82  | 48            | 25        |
| 1752512       | Y   | VIV-T8BP6/12W/50/F/DE | 12        | 120-277     | 1800               | G13  | 50,000      | 220°       | 5000   | 82  | 48            | 25        |
| 1752221       | N   | VIV-T8BP6/15W/30/F/DE | 15        | 120-277     | 2100               | G13  | 50,000      | 220°       | 3000   | 82  | 48            | 25        |
| 1752309       | Y   | VIV-T8BP6/15W/35/F/DE | 15        | 120-277     | 2200               | G13  | 50,000      | 220°       | 3500   | 82  | 48            | 25        |
| 1752419       | Y   | VIV-T8BP6/15W/40/F/DE | 15        | 120-277     | 2200               | G13  | 50,000      | 220°       | 4000   | 82  | 48            | 25        |
| 1752513       | Y   | VIV-T8BP6/15W/50/F/DE | 15        | 120-277     | 2200               | G13  | 50,000      | 220°       | 5000   | 82  | 48            | 25        |

## Installation Guide Typical Ballast Configurations



✗ Indicates Where to Cut Existing Wiring

### Removing Existing Fluorescent System

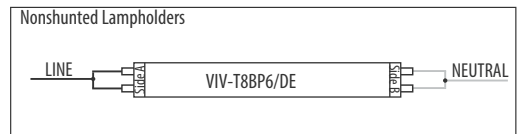
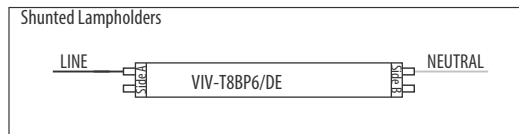
1. Disconnect power from fixture.
2. Remove fluorescent lamp(s).
3. Remove lens and wiring compartment, if applicable.
4. Cut all wires connected to the ballast as shown in Diagrams A, B, and C.
5. Identify what type of lampholders are in fixture. Double-Ended wiring installations of VIV-T8BP6/DE tube can be used with shunted G13 or nonshunted G13 lampholders (with instructions to externally shunt). See Figures 1 and 2.

### Installing the Lamps-Double Ended

- I. Confirm that power is still disconnected from fixture.
- II. Make sure fixture is properly grounded.
- III. Follow step 1 for single lamp application or steps 2 & 3 for multiple lamp application, based on the number of lamps in the fixture:

#### Single Lamp

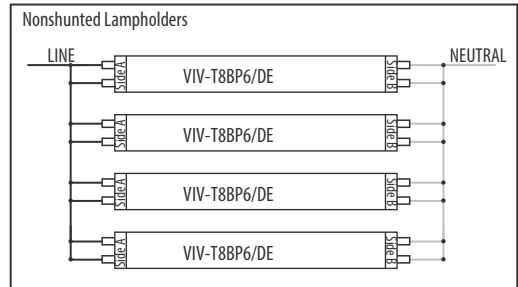
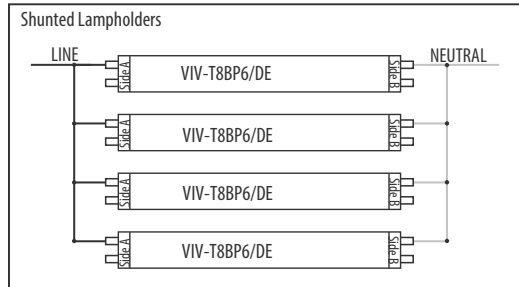
1. From AC wires, connect line (L) to Side A lampholder and neutral (N) to Side B lampholder. If only one lamp is being installed, proceed to step 4.



#### Multiple Lamps

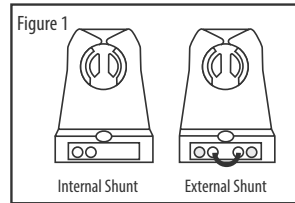
2. Follow the steps above for single lamp connection to connect the first lamp.
3. Connect the terminals from the first lamp to the matching terminals on the lampholder of the second lamp with line and neutral wires as shown below. Continue daisy-chain connection for each additional lamp.
4. Complete all electrical connections with appropriate connectors/wire nuts as needed, per all local and national electrical codes.

**NOTE: There should not be any exposed wires from sockets left unconnected.**



5. Replace wiring compartment cover.
6. Install all of the VIV-T8BP6/DE tubes. Install LED tubes so that the LEDs are pointed in the proper direction for illumination, and install any lens or diffuser as applicable.

### Typical Shunted Lampholders



### Typical Non-Shunted Lampholder

