



Application illustration only, subject lamps not used in photo.



## Type B Double Ended T5 LED Tubes (Ballast Bypass) Glass 2' - 4'

Convert your existing linear fluorescent fixture to LED lighting without needing a comprehensive reinstall. LED tubes are ideal for those seeking high energy savings with minimal installation time. The existing fixture is wired to bypass the ballast, which further reduces energy use and eliminates the need to check ballast compatibility. Additional maintenance savings are realized by removing costs associated with replacing ballasts.

### FEATURES

- 2' - 4' T5 HO & HE Tubes
  - 4' HO Tube: 25 Watts, 3300-3600 lumens
- Available in 3000K, 3500K, 4000K and 5000K
- 50,000 hour rated life
- Open or enclosed fixtures
- Ambient operating temperature -4°F to 113°F
- Non-dimmable
- Symmetrical Light Distribution- provides balanced replacement lighting and no dark spots in the fixture
- Misapplication Switch -lamp will remain safe if installed with ballast and will operate normally once placed in correct application
- Internal Safety Switch-protects installers
- 5 year limited warranty

### BENEFITS

- Fast and easy LED upgrade
- Low energy LFL replacement
- 66% longer life than LFL (50,000 vs. 30,000 hours)
- Better quality of light
  - instant on
- Fully illuminates fixture
  - >270° light distribution
- Easy disposal, non-hazardous waste
- Simply wire to bypass ballast-eliminating future ballast replacement costs
- No socket replacement necessary-use with shunted or non-shunted sockets

### RECOMMENDATIONS

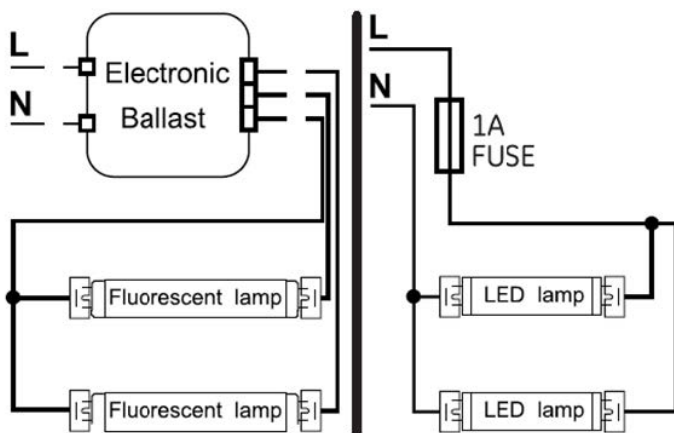
- Use In-line fuse kit to protect against future re-lamp misapplications
- In-line fuse available for ordering separately

## LED Tubes Type B - Double Ended

| Base Type                                         | Type | Watts    | Order Code       | Description | Volts | Case Qty** | MOL (In) | Lumens Initial | Initial Color Temp | CRI | Wattage Replacement | *Rated Life L70 (Hrs) | Power Factor | DLC® | UL  | #Location Rating | Additional Information |
|---------------------------------------------------|------|----------|------------------|-------------|-------|------------|----------|----------------|--------------------|-----|---------------------|-----------------------|--------------|------|-----|------------------|------------------------|
| <b>Ballast Bypass- 4 ft LED T5 HO Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 25   | 93100292 | LED25BDT5/G4/830 | 120-277     | 20    | 46         | 3300     | 3000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 25   | 93100293 | LED25BDT5/G4/835 | 120-277     | 20    | 46         | 3400     | 3500           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 25   | 93100294 | LED25BDT5/G4/840 | 120-277     | 20    | 46         | 3500     | 4000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 25   | 93100295 | LED25BDT5/G4/850 | 120-277     | 20    | 46         | 3600     | 5000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
| <b>Ballast Bypass- 3 ft LED T5 HO Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 17   | 93114325 | LED17BDT5/G3/830 | 120-277     | 20    | 33         | 2300     | 3000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 17   | 93114626 | LED17BDT5/G3/835 | 120-277     | 20    | 33         | 2400     | 3500           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 17   | 93114629 | LED17BDT5/G3/840 | 120-277     | 20    | 33         | 2500     | 4000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 17   | 93114814 | LED17BDT5/G3/850 | 120-277     | 20    | 33         | 2550     | 5000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
| <b>Ballast Bypass- 2 ft LED T5 HO Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 11   | 93113793 | LED11BDT5/G2/830 | 120-277     | 20    | 22         | 1500     | 3000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93114322 | LED11BDT5/G2/835 | 120-277     | 20    | 22         | 1550     | 3500           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93114323 | LED11BDT5/G2/840 | 120-277     | 20    | 22         | 1600     | 4000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93114324 | LED11BDT5/G2/850 | 120-277     | 20    | 22         | 1650     | 5000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
| <b>Ballast Bypass- 4 ft LED T5 HE Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 14   | 93128354 | LED14BDT5G4830HE | 120-277     | 20    | 46         | 2050     | 3000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 14   | 93128355 | LED14BDT5G4835HE | 120-277     | 20    | 46         | 2100     | 3500           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 14   | 93128486 | LED14BDT5G4840HE | 120-277     | 20    | 46         | 2150     | 4000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
|                                                   | 14   | 93128487 | LED14BDT5G4850HE | 120-277     | 20    | 46         | 2150     | 5000           | 80                 |     |                     | 50,000                | >.9          | Yes  | Yes | Damp             | Double Ended Power     |
| <b>Ballast Bypass- 3 ft LED T5 HE Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 11   | 93128488 | LED11BDT5G3830HE | 120-277     | 20    | 33         | 1600     | 3000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93128490 | LED11BDT5G3835HE | 120-277     | 20    | 33         | 1650     | 3500           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93128491 | LED11BDT5G3840HE | 120-277     | 20    | 33         | 1700     | 4000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 11   | 93128492 | LED11BDT5G3850HE | 120-277     | 20    | 33         | 1700     | 5000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
| <b>Ballast Bypass- 2 ft LED T5 HE Glass Tubes</b> |      |          |                  |             |       |            |          |                |                    |     |                     |                       |              |      |     |                  |                        |
| T5                                                | 9    | 93128494 | LED9BDT5G2/830HE | 120-277     | 20    | 22         | 1250     | 3000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 9    | 93128495 | LED9BDT5G2/835HE | 120-277     | 20    | 22         | 1300     | 3500           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 9    | 93128570 | LED9BDT5G2/840HE | 120-277     | 20    | 22         | 1350     | 4000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |
|                                                   | 9    | 93128571 | LED9BDT5G2/850HE | 120-277     | 20    | 22         | 1350     | 5000           | 80                 |     |                     | 50,000                | >.9          | -    | Yes | Damp             | Double Ended Power     |

## In-Line Fuse - Type B

| Order Code | Description   | Kit Contents               |
|------------|---------------|----------------------------|
| 39017      | BT8-1AFUSEKIT | 1 Fuse (1A), 1 Fuse Holder |



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