

## LED T5

### SINGLE-ENDED/ DOUBLE-ENDED POWER COATED GLASS SERIES UL TYPE-B



#### PRODUCT DESCRIPTION:

Offering the versatility of single or double ended wiring options in one product SKU, this LED UL Type-B T5 lamp is an easy retrofit into most common linear fluorescent fixtures with shunted or non-shunted lamp holders (see re-lamping examples provided). In addition to flexible installation features that save installers time and money, the SingleEnded/ Double-Ended LED T5 lamp consumes up to 50% less energy than standard fluorescent tubes, providing facilities with long-term operational savings.



#### FEATURES:

- Ballast Bypass (UL Type-B)
- Shatterproof coated glass

#### WARRANTY:

5-year standard warranty (further details available at [www.maxlite.com/warranties](http://www.maxlite.com/warranties)) Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

#### LISTINGS:

- UL listed for Dry/Damp Locations

#### ORDER STRUCTURE

| FAMILY        | WATTAGE             | LAMP TYPE | OPERATION                            | LENGTH | COLOR TEMPERATURE                   |
|---------------|---------------------|-----------|--------------------------------------|--------|-------------------------------------|
| L= LED Linear | 12= 12W             | T5= T5    | DE= Single-Ended/Double- Ended Power | 2= 2ft | 35= 3500K<br>40= 4000K<br>50= 5000K |
|               | 16= 16W             |           |                                      | 3= 3ft |                                     |
|               | 13'= 13W<br>25= 25W |           |                                      | 4= 4ft |                                     |

#### NOTES:

<sup>1</sup> DLC applies to 13W and 25W models only.

#### STOCKED ITEMS:

| ORDER CODE | LENGTH | MODEL NUMBER  |
|------------|--------|---------------|
| 105045     | 2ft    | L12T5DE235-CG |
| 105046     | 2ft    | L12T5DE240-CG |
| 105047     | 2ft    | L12T5DE250-CG |
| 105048     | 3ft    | L16T5DE335-CG |
| 105049     | 3ft    | L16T5DE340-CG |
| 105050     | 3ft    | L16T5DE350-CG |

| ORDER CODE | LENGTH | MODEL NUMBER  | DLC PRODUCT ID |
|------------|--------|---------------|----------------|
| 105051     | 4ft    | L13T5DE435-CG | PL86SS7GXCP2   |
| 105052     | 4ft    | L13T5DE440-CG | PLWCPBD0PMXQ   |
| 105053     | 4ft    | L13T5DE450-CG | PLSF4R5LEQ6S   |
| 105054     | 4ft    | L25T5DE435-CG | PL2VTV09DCUV   |
| 105055     | 4ft    | L25T5DE440-CG | PLT95146UQXH   |
| 105056     | 4ft    | L25T5DE450-CG | PLPJFCR2HH34   |

## SPECIFICATIONS:

| ITEM                                       | L12T5DE2xx-CG                              | L13T5DE4xx-CG | L16T5DE3xx-CG | L25T5DE4xx-CG |
|--------------------------------------------|--------------------------------------------|---------------|---------------|---------------|
| NOMINAL WATTAGE (W)                        | 12W                                        | 13W           | 16W           | 25W           |
| LUMENS (LM)                                | 1500-1600 lm                               | 1600-1700 lm  | 2000-2100 lm  | 3400-3500 lm  |
| EQUIVALENCY                                | 24W T5HO                                   | 28W T5HE      | 39W T5HO      | 54W T5HO      |
| EFFICACY (LM/W)                            | 125/133 lm/W                               | 123-131 lm/W  | 125/131lm/W   | 136-140 lm/W  |
| BEAM ANGLE                                 | >280°                                      |               |               |               |
| CRI                                        | ≥80                                        |               |               |               |
| CCT (K)                                    | 3500K, 4000K, 5000K                        |               |               |               |
| L70 LIFETIME ( HRS)                        | ≥50,000 Hrs                                |               |               |               |
| VOLTAGE                                    | 120-277V                                   |               |               |               |
| POWER FACTOR                               | ≥0.90                                      |               |               |               |
| OPERATING TEMPERATURE                      | -4°F to 113°F (-20°C to 45°C)              |               |               |               |
| LISTINGS                                   | cULus, ETL Sanitation, FCC, RoHS Compliant |               |               |               |
| QUALIFICATION -<br>DESIGNLIGHTS CONSORTIUM | -                                          | DLC Standard  | -             | DLC Standard  |
| ENVIRONMENT                                | UL listed for Dry/Damp Locations           |               |               |               |
| WARRANTY                                   | 5 Year Warranty                            |               |               |               |

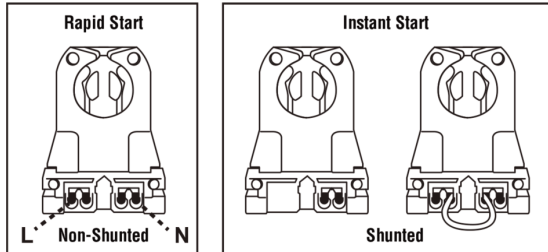
## ACCESSORIES:

| ORDER CODE | MODEL NO | DESCRIPTION                                            | PRODUCT IMAGE                                                                         |
|------------|----------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
| 103546     | T8B-BBU  | BATTERY BACK UP<br>FOR TYPE B LINEAR                   |  |
| 14098784   | G5KIT1   | 1-LAMP WIRING HARNESS FOR LED<br>T5 - BYPASS UL TYPE-B |  |
| 14098785   | G5KIT2   | 2-LAMP WIRING HARNESS FOR LED<br>T5 - BYPASS UL TYPE-B |  |
| 14098786   | G5KIT4   | 4-LAMP WIRING HARNESS FOR LED<br>T5 - BYPASS UL TYPE-B |  |
| 14098787   | G5KIT6   | 6-LAMP WIRING HARNESS FOR LED<br>T5 - BYPASS UL TYPE-B |  |

\*When using the wiring harness accessory, the installation will be single ended

## WIRING DIAGRAM SINGLE-ENDED CONNECTION

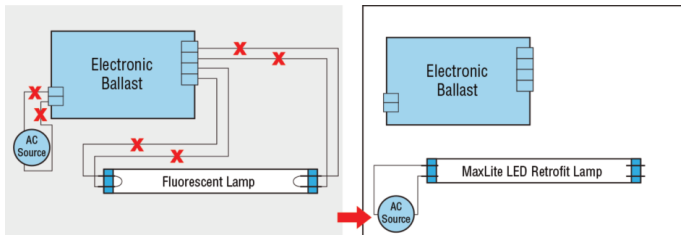
### NON-SHUNTED & SHUNTED LAMP HOLDER



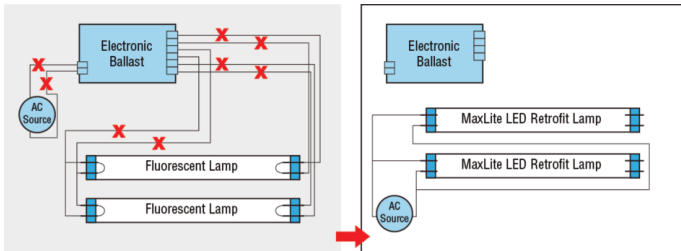
### SINGLE-ENDED CONNECTION



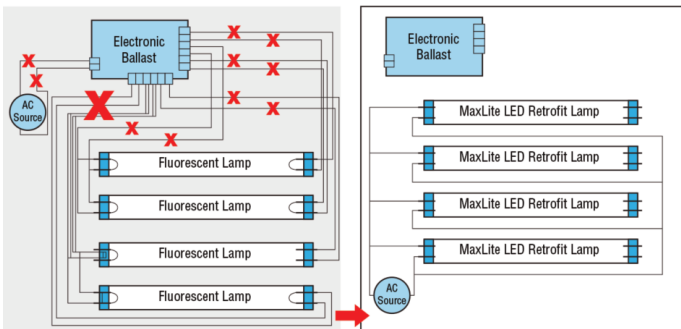
### RETROFIT WITH 1 LAMP



### RETROFIT WITH 2 LAMPS

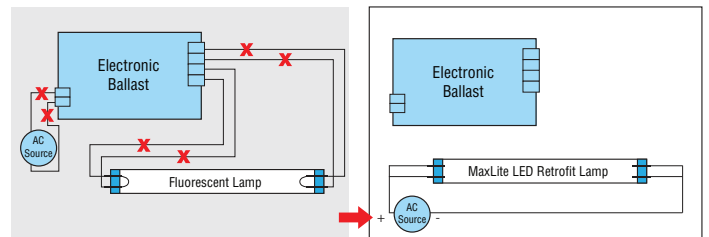


### RETROFIT WITH 3/4 LAMPS

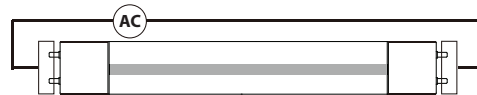


## WIRING DIAGRAM DOUBLE-ENDED CONNECTION

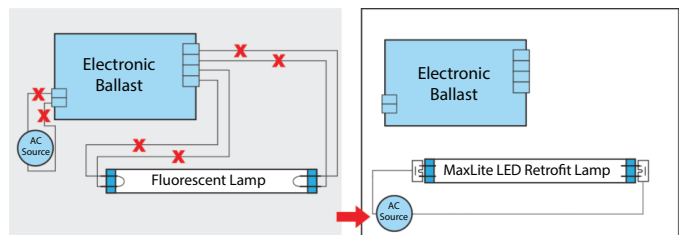
### RELAMPING EXAMPLE



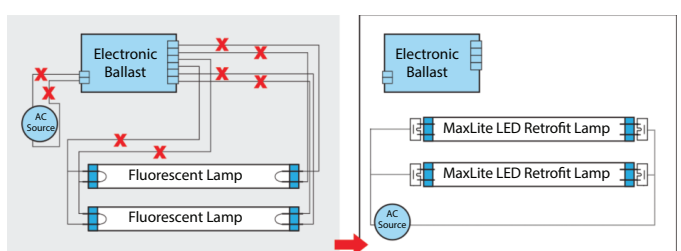
### DOUBLE-ENDED CONNECTION



### RETROFIT WITH 1 LAMP



### RETROFIT WITH 2 LAMPS



### RETROFIT WITH 3/4 LAMPS

