



# PG LED 4' T5 Tubes



## PG

Our PG T5 4' Glass tube offers significant energy-efficiency and lifetime improvements over fluorescent lamps. Our PG T5 lamps are installed by bypassing existing fluorescent ballasts, and hard-wiring tombstone lamp-holders directly to incoming AC power leads. Dual-ended bypass lamps eliminate the need to replace shunted tombstone lamp-holders in existing fluorescent luminaires.

- Up to 130 Lumens per Watt
- Full Glass Housing inhibits Yellowing and distortion
- Uniform Illumination with no visible LED Pixelation
- Shatter Proof Coating
- Universal 120-277Vac 50-60Hz

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PG - Type B

| SKU #  | Model #       | Watts | Lumens | CCT   | Length | Lens    | Power | Certifications |
|--------|---------------|-------|--------|-------|--------|---------|-------|----------------|
| 151214 | BLT-T5-24W50K | 24W   | 3195Lm | 5000K | 4'     | Frosted | 2 End | UL & DLC       |

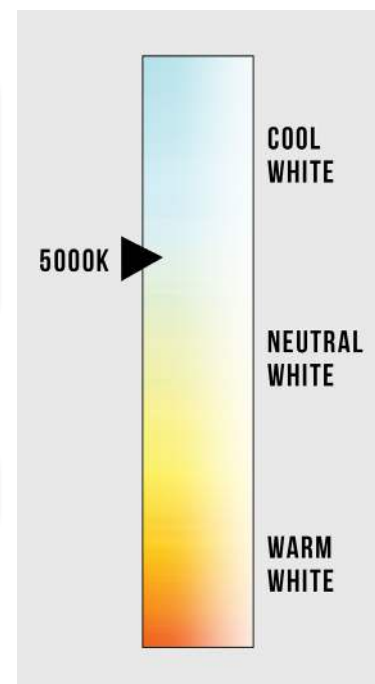
## Specifications

| Input Voltage      | Power Factor | CRI   | Beam angle |
|--------------------|--------------|-------|------------|
| 120-277VAC 50/60HZ | >0.9         | Ra>83 | 270°       |

## Fixture Specifications

|          |              |
|----------|--------------|
| Body     | Glass        |
| End cap  | G5           |
| Lens     | Frosted      |
| Dimming  | Non-dimmable |
| Lifetime | 50,000 Hours |

## CORRELATED COLOR TEMPERATURE (CCT)



## Others

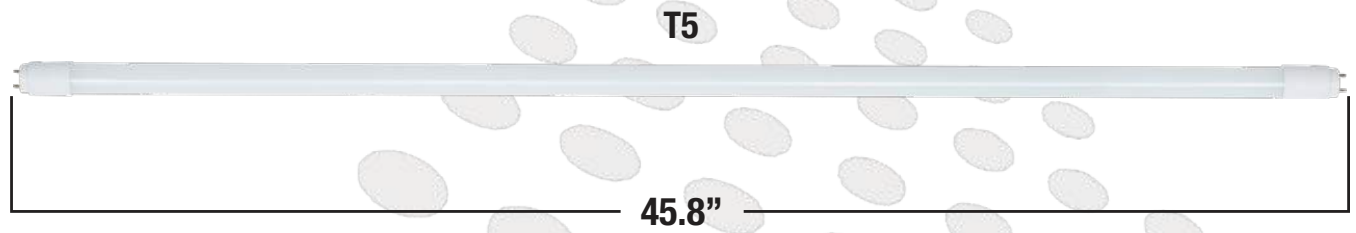
|                            |  |
|----------------------------|--|
| Environmental Requirements | Operation Temperature: -4°F to 113°F<br>Relative Humidity: 45%-85%<br>Non-corrosive environments |
|----------------------------|--|

## Warranty

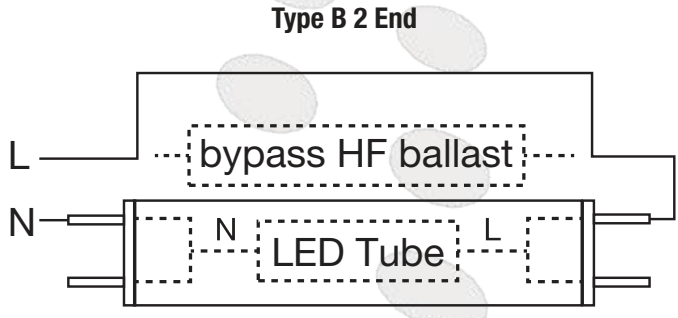
|          |        |
|----------|--------|
| Warranty | 5 Year |
|----------|--------|

# PG LED 4' T5 Tubes

## Dimensions

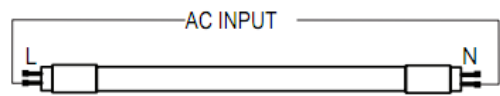


## Wiring

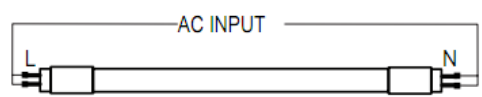


- Beyond LED Technology's Type B T5 is an energy saving product as special replacement for traditional fluorescent T5 lamps.
- Simple installation: Double-ended ballast bypass.
- Reduces energy consumption up to 60%.
- Shatterproof design: meets NSF requirements Automatic production, high product consistency

TYPE B(AC directly double end ballast bypass) -  
Assembly introduction:



OR



Voltage Input: AC120-277V 50/60Hz

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## Distribution Diagram

Spectral Power Distribution - Sphere Spectroradiometer Method

Report No.: HZ19060017a

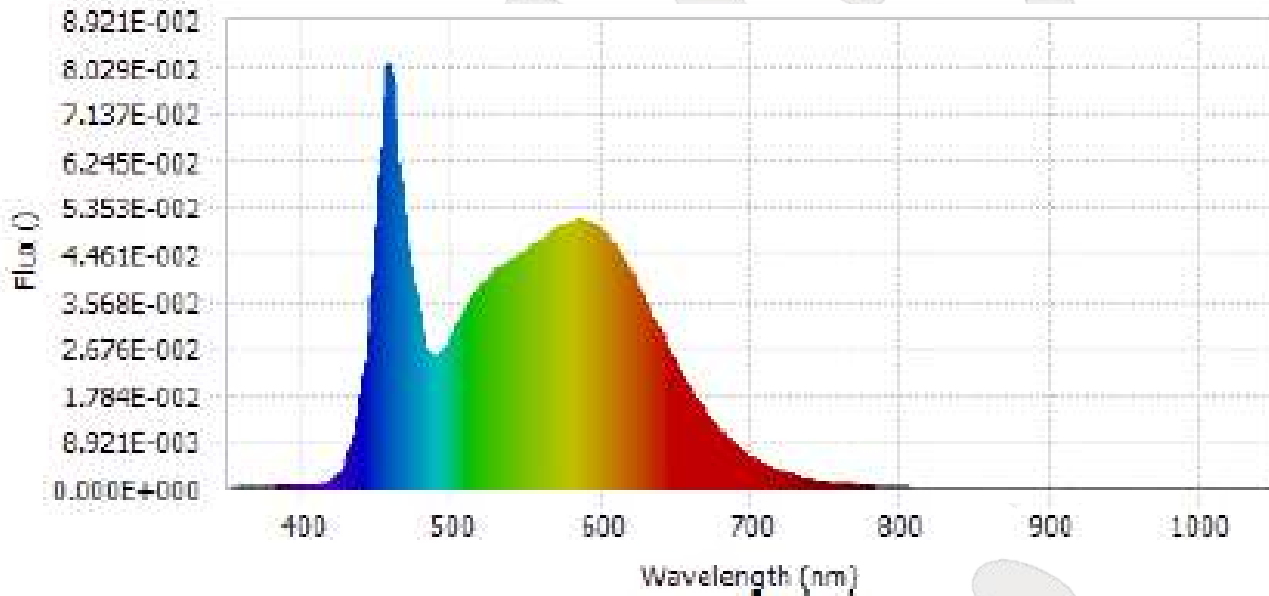


Chart 5: Spectral Power Distribution

| Spectral Distribution over Visible Wavelength |                |        |                |        |                |        |                |
|---|----------------|--------|----------------|--------|----------------|--------|----------------|
| WL(nm)  | Radiant(Watts) | WL(nm) | Radiant(Watts) | WL(nm) | Radiant(Watts) | WL(nm) | Radiant(Watts) |
| 380   | 3.13E-04       | 485    | 2.51E-02       | 590    | 5.08E-02       | 695    | 6.70E-03       |
| 385   | 2.89E-04       | 490    | 2.56E-02       | 595    | 5.00E-02       | 700    | 5.77E-03       |
| 390   | 3.16E-04       | 495    | 2.72E-02       | 600    | 4.89E-02       | 705    | 4.95E-03       |
| 395   | 2.53E-04       | 500    | 2.99E-02       | 605    | 4.72E-02       | 710    | 4.23E-03       |
| 400   | 2.51E-04       | 505    | 3.29E-02       | 610    | 4.51E-02       | 715    | 3.63E-03       |
| 405   | 2.88E-04       | 510    | 3.55E-02       | 615    | 4.29E-02       | 720    | 3.13E-03       |
| 410   | 4.65E-04       | 515    | 3.77E-02       | 620    | 4.01E-02       | 725    | 2.67E-03       |
| 415   | 9.51E-04       | 520    | 3.94E-02       | 625    | 3.73E-02       | 730    | 2.29E-03       |
| 420   | 1.97E-03       | 525    | 4.06E-02       | 630    | 3.44E-02       | 735    | 1.96E-03       |
| 425   | 3.87E-03       | 530    | 4.18E-02       | 635    | 3.14E-02       | 740    | 1.68E-03       |
| 430   | 7.17E-03       | 535    | 4.26E-02       | 640    | 2.85E-02       | 745    | 1.43E-03       |
| 435   | 1.27E-02       | 540    | 4.36E-02       | 645    | 2.56E-02       | 750    | 1.23E-03       |
| 440   | 2.17E-02       | 545    | 4.47E-02       | 650    | 2.28E-02       | 755    | 1.06E-03       |
| 445   | 3.65E-02       | 550    | 4.56E-02       | 655    | 2.03E-02       | 760    | 9.08E-04       |
| 450   | 5.97E-02       | 555    | 4.67E-02       | 660    | 1.79E-02       | 765    | 7.78E-04       |
| 455   | 8.00E-02       | 560    | 4.77E-02       | 665    | 1.57E-02       | 770    | 6.68E-04       |
| 460   | 7.39E-02       | 565    | 4.88E-02       | 670    | 1.38E-02       | 775    | 5.75E-04       |
| 465   | 5.49E-02       | 570    | 4.98E-02       | 675    | 1.20E-02       | 780    | 4.99E-04       |
| 470   | 4.35E-02       | 575    | 5.04E-02       | 680    | 1.04E-02       |        |                |
| 475   | 3.52E-02       | 580    | 5.09E-02       | 685    | 9.01E-03       |        |                |
| 480   | 2.79E-02       | 585    | 5.12E-02       | 690    | 7.78E-03       |        |                |

Table 5: Spectral Power Distribution Numerical Data per Sphere - Spectroradiometer Method

# PG LED 4' T5 Tubes

## Packing

| SKU#   | Box size      | Box weight | Box quantity |
|--------|---------------|------------|--------------|
| 151214 | 49" X 8" X 8" | 14LBS      | 36PCS        |



## Application

