



LED T8 Retrofits - Ballast Bypass - Glass Tube

Models

LED-6005-4-40K-G2, 14W, 120-277VAC, cETLus, 4000K CCT. Single End Power.
LED-6105-4-XXX-G2, 14W, 120-277VAC, cETLus, 4000K & 5000K CCT. Double End Power
LED-6115-4-XXX-G2, 17W, 120-277VAC, cETLus, 4000K & 5000K CCT. Double End Power

Description

Light Efficient Design's T8 retrofits provide an efficient and reliable retrofit for 4 foot T8 lamps. These lamps are designed as a replacement for a 32 watt Fluorescent lamps. Operate on 120VAC - 277VAC line voltage. The ballast must be bypassed.

Features

- Glass tube T8 are available with single or double end power.
- Up to 2,200 lumen output and 130 LPW efficacy.
- G13 base, fits standard 4 foot T8 light fixtures.
- ETL approved for damp environments and enclosed fixtures.
- 50,000 hour rated LED life
- 5 Year Limited Warranty - see website for details



Installation Notes:

Installing LED-6005, LED-6105, and LED-6115 series requires bypassing the ballast. When installing the LED-6005 series, a non-shunted socket is required on the power end.

TECHNICAL SPECIFICATIONS - USA 120-277V - ALL MODELS cULus

| MODEL | VOLTAGE | WATTAGE | LUMENS* | LPW* | REPLACES | BASE | CCT | CRI* | THD* | PF* | R9* | Duv* | LIGHT DISTRIBUTION | DIMMABLE |
|-------------------|----------|---------|---------|------|----------|------|-------|------|------|-----|-----|------|--------------------|----------|
| LED-6005-4-40K-G2 | 120-277V | 14W | 1800 | 128 | 32W T8 | G13 | 4000K | >80 | <20% | .99 | 0 | 0 | 150° | No |
| LED-6105-4-40K-G2 | 120-277V | 14W | 1800 | 128 | 32W T8 | G13 | 4000K | >80 | <20% | .99 | 0 | 0 | 150° | No |
| LED-6105-4-50K-G2 | 120-277V | 14W | 1800 | 128 | 32W T8 | G13 | 5000K | >80 | <20% | .99 | 0 | 0 | 150° | No |
| LED-6115-4-40K-G2 | 120-277V | 17W | 2200 | 128 | 32W T8 | G13 | 4000K | >80 | <20% | .99 | 0 | 0 | 150° | No |
| LED-6115-4-50K-G2 | 120-277V | 17W | 2200 | 128 | 32W T8 | G13 | 5000K | >80 | <20% | .99 | 0 | 0 | 150° | No |

PACKAGING SPECIFICATIONS

| MODEL | PRODUCT DIMENSION | PRODUCT WEIGHT | UNIT CARTON DIMENSION | UNIT CTN WT | SHIPPER CARTON DIMENSION | SHIPPER CTN WT | CARTON QUANTITY |
|-------------------|-------------------|----------------|---------------------------------------|---------------|---|----------------|-----------------|
| LED-6XX5-4-XXX-G2 | 47.2 X 1.125 in. | 1 lbs | 48 X 1.3 X 1.3 in./1219 X 33 X 33 mm. | 1 lbs/.45 kg. | 49.6 X 7.4 X 7.3 in./1260 X 188 X 185 mm. | 22 Lbs/10 kg. | 20 |

UPC / UCC

DESIGN LIGHTS CONSORTIUM QPL CERTIFICATION SUMMARY

| MODEL | PRODUCT UPC | CARTON UCC | QPL CATEGORY 1 | PRODUCT CODE | FAMILY CODE | QPL CATEGORY 2 | PRODUCT CODE | FAMILY CODE |
|-------------------|--------------|----------------|-------------------------|--------------|-------------|----------------|--------------|-------------|
| LED-6005-4-40K-G2 | 844006064372 | 10844006064379 | Linear Replacement Lamp | PLQMW1MNZFYX | NANPEX | 0 | 0 | 0 |
| LED-6105-4-40K-G2 | 844006064358 | 10844006064355 | Linear Replacement Lamp | PL43QZ6OYIVA | NANPFL | 0 | 0 | 0 |
| LED-6105-4-50K-G2 | 844006064365 | 10844006064362 | Linear Replacement Lamp | PLTRFISMJFFJ | NANPFL | 0 | 0 | 0 |
| LED-6115-4-40K-G2 | 844006064389 | 10844006064386 | Linear Replacement Lamp | PL4TUUYI47RB | NANPFM | 0 | 0 | 0 |
| LED-6115-4-50K-G2 | 844006064396 | 10844006064393 | Linear Replacement Lamp | PLVUKXBUE2YH | NANPFM | 0 | 0 | 0 |

ENERGY SAVINGS vs. FLUORESCENT

| | |
|--|--------|
| LED Lamp Power (watts) | 17 |
| Fluorescent Lamp Power (watts) | 32 |
| Ballast Power (watts) | 4.8 |
| Total power Savings (watts) | 19.8 |
| Annual Energy Savings | \$ 11 |
| Lifetime Energy Savings over 50,000 hrs) | \$ 109 |

THERMAL SPECIFICATIONS

| | |
|-----------------------|----------------|
| OPERATING TEMPERATURE | -40°F - +122°F |
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