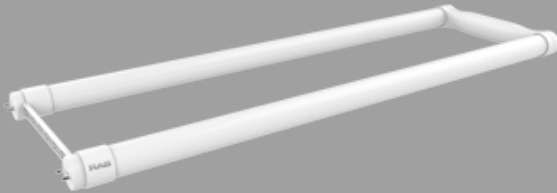


**Project:**

**Type:**

**Prepared By:**

**Date:**



UPC: 019813751252

### Features and Benefits

- Replacement for conventional fluorescent T8 and T12 linear tubes
- Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Approximately 50% more energy efficient when compared to Fluorescent T8 lamps
- Works with non-shunted sockets ONLY
- Separate wiring harness and socket kit accessory available
- 50,000 hour Lifespan
- Rated for use in enclosed and open fixtures in dry or damp locations
- Diffused frosted lens will maintain the same light quality over time
- Instant on full brightness
- Environmentally friendly, no mercury used
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment - Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- Compatible with RAB specified 0-10V dimming system

## Technical Specifications

### Performance

**Product Type:**

Linear

**Input Wattage:**

18W

**Wattage Equivalency:**

32W Fluorescent

**Lumens (Nominal):**

2,200lm

**Efficacy:**

122lm/W

**L70 Lifespan:**

50,000 Hours

**Dimming:**

Compatible with RAB specified 0-10V dimming system. Dimming capabilities were tested and verified on dimmable via an external accessory dimming system.

### Construction

**Material:**

Glass

**Bulb Shape:**

U-Bent

**Nominal Length:**

U6

**Finish:**

Frosted

**Base Type:**

2G13

**For Use Outdoors in Open Fixtures:**

No

### LED Characteristics

**Color Temperature:**

4000K Cool White

**Color Accuracy (CRI):**

82 CRI

### Electrical

**THD:**

<20%

**Power Factor:**

0.9

**Operating Temperature:**

-20°C to 45°C (-4°F to 113°F)

**Input Voltage:**

100-277V

**Operating Frequency:**

50/60Hz

### Other

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Technical Specifications (continued)

### Installation

#### Installation Type:

Type B, Single Ended wiring

### Compliance

#### UL Recognized:

Yes

#### UL Classified:

Yes

#### NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

#### Model Number for Certification:

U6-18-840-SE-BYP

#### California Energy Commission (CEC) Status:

Lawful for Sales in California

#### Application:

Suitable for damp locations and totally enclosed fixtures.

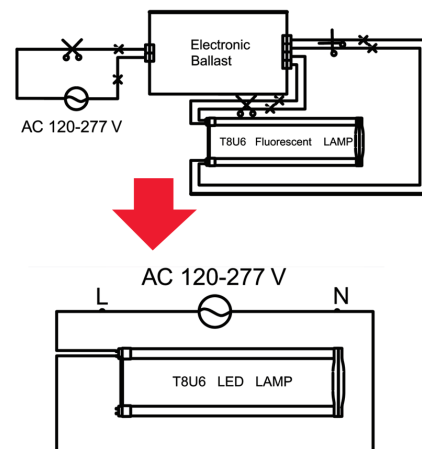
#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: PI0D25GV

## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	24	15.6	9
PALLET	300	47.2	39.4	40.2

## Wiring Diagram



Dimension

