

Project:	Type:	Prepared By:	Date:
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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	Construction	Electrical
Product Type: Linear	Material: Glass	THD: <20%
Input Wattage: 18W	Bulb Shape: U-Bent	Power Factor: 0.9
Wattage Equivalency: 32W Fluorescent	Nominal Length: U6	Operating Temperature: -20°C to 45°C (-4°F to 113°F)
Lumens (Nominal): 2,200lm	Finish: Frosted	Input Voltage: 100-277V
Efficacy: 122lm/W	Base Type: 2G13	Operating Frequency: 50/60Hz
L70 Lifespan: 50,000 Hours	For Use Outdoors in Open Fixtures: No	Other
Dimming: Compatible with RAB specified 0-10V dimming system. Dimming capabilities were tested and verified on dimmable via an external accessory dimming system.	LED Characteristics	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 .
	Color Temperature: 5000K Daylight	
	Color Accuracy (CRI): 82 CRI	

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:

U6-18-850-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: PUF6NFOS

Optical

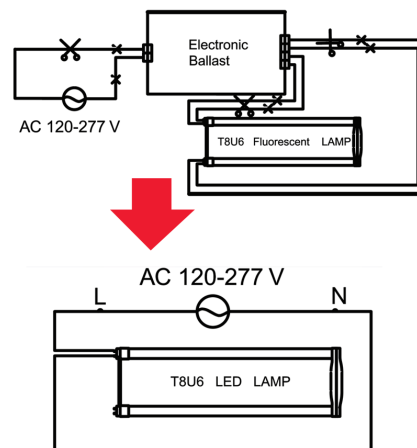
Beam Angle:

180°

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

