U6-18-830-SE-BYP

RAB

Project:	Type:	Prepared By:	Date:

UPC: 019813751238

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):
2,100lm

Efficacy:
117lm/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:
3000K Warm 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.

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:
U6-18-830-SE-BYP

California Energy Commission (CEC) Status:
Lawful for Sales in California

Application:
Suitable for damp locations and totally enclosed fixtures.
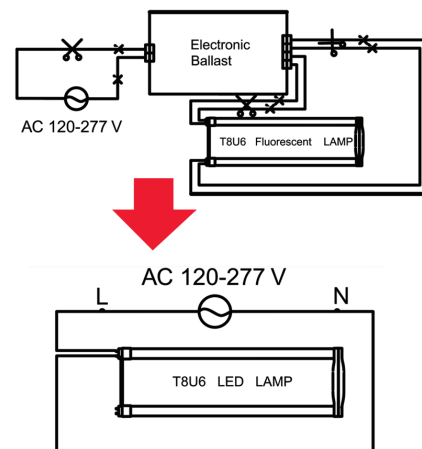
DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: PNP23A0T

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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RAB

Dimension

22.25"
565mm

6"
152mm

1"
25mm

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