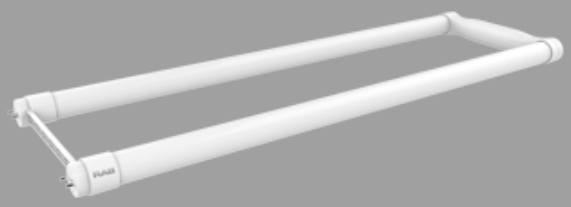
U6-18-850-SE-BYP

Project:	Type:	Prepared By:	Date:



UPC: 019813751269

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:
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

Shape:
U-Bent

Nominal Length:
U6

Finish:
Frosted

For Use Outdoors in Open Fixtures:
No

LED Characteristics

Color Temperature:
5000K Daylight

Color Accuracy (CRI):
82 CRI

Beam Angle:
180°

Installation

Base Type:
2G13

Installation Type:
Type B, Single Ended wiring

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

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Technical Specifications (continued)

Other

5-Year, No-Compromise 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.

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.

Certification Model Number:
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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

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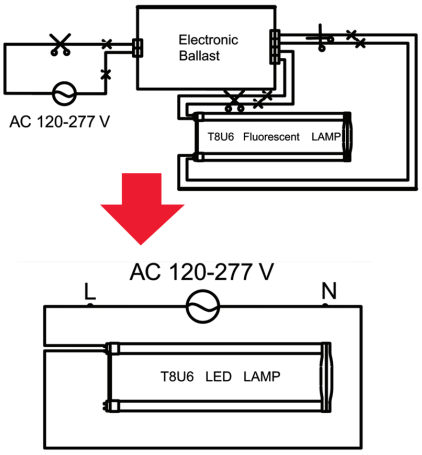
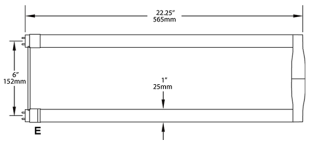
Case and Pallet Dimensions

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

Wiring Diagram



Dimension



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