T8-12-36G-840-DE-BYP

RAB Lamps

Project:	Type:	Prepared By:	Date:



UPC: 19813833316

Features and Benefits

FLUORESCENT REPLACEMENT - Replace conventional fluorescent T8 and T12 linear tubes

EASY TO INSTALL - Simply cut the ballast out, and rewire sockets directly to line voltage

SAVE ENERGY AND MONEY - Provides same output as fluorescent but uses far less energy

ENCLOSED FIXTURE RATED - May be used in enclosed and open fixtures

DIFFUSION COATING - Will maintain the same light quality over time and won't yellow, shrink, or wrinkle

BALLAST BYPASS - Internal driver eliminates the need for external ballasts or drivers

INSTANT ON - No warmup time required, full brightness instantly

LOW FLICKER - Less than 5% flicker

MERCURY FREE - Environmentally friendly vs fluorescent technologies

SHUNTED AND NON-SHUNTED - Works on shunted and non-shunted sockets

Technical Specifications

Product Type	Linear
Bulb Shape	T8
Nominal Length	3FT
Finish	Frosted
Wattage	12W
Wattage Equivalency	21W/25W Fluorescent
Typical Lumen Output	1450
Efficacy	121 lm/W
Color Temperature	4000K Cool White
CRI	82
Base Type	G13
L70 Lifespan	50,000 hours
Operating Temperature	-20°C - 45°C
Dimmable	No
Beam Angle	220°
Warranty	5-Year, No-Compromise Warranty
Installation Type	Type B, Double Ended wiring
For Use in Emergency Fixtures	No
For Use Outdoors in Open Fixtures	No

Electrical Characteristics

Input Voltage	120-277V
Power Factor	>0.9
Operating Frequency	50 / 60 Hz
Input Current @ 120V	98mA
Input Current @ 277V	51mA
THDi	<20%

Listings

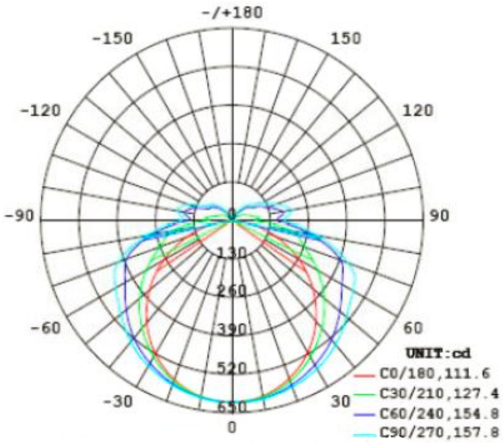
UL Recognized	Yes
UL Classified	Yes
DLC Listed	This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Model Number	T10041
DLC Product Code	PNSUY7TN
NSF Listing	Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones
CEC Status	Lawful for sale in California

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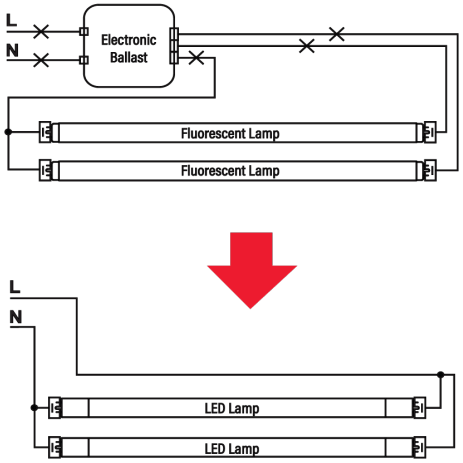
Light Distribution



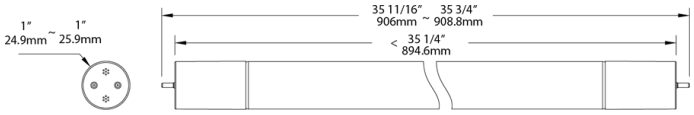
Case and Pallet Dimensions

	QTY	LENGTH	WIDTH	HEIGHT
CASE	25	37	6.3	6.3
PALLET	1600	51.3	40	48

Wiring Diagram



Dimension



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