

# LED T8 RETROFIT LIGHT

## E2-T8-GL-AB1215

# LEDHAWAII



Color: White

Weight: 0.35 -0.79 lbs



Project Name:

Catalogue Number:

Fixture Schedule:

Comments:

### Specifications

Light Output	2,025-2,565 LM	Frequency	50-60 Hz
Efficacy	> 130 LPW	THD	18%
Wattage	15/19 W	L70 Lifespan	50,000 hours
Color Accuracy	> 80	IP Rating	IP20
(CRI) Kelvin (CCT)	3,000-5,000 K	Beam Angle	260 DEG
Power Factor	> 0.91	Dimming Compatible	No
Working Environment	-13° F ~ 113° F	Mercury Content	No Hg
Input Voltage	AC100-277V	Lens	Glass

### Product Description

LED Hawaii's LED Linear T8 Lamps are the ideal energy saving choices when upgrading traditional linear T8 or T12 fluorescent lamps in fixtures containing standard non-shunted G13 (medium bi-pin) sockets. This T8 Lamp delivers 2,025 lumens at 4,000K, consumes 15 watts direct wire (single-end power) and 19 watts with existing electronic ballast to produce higher maximum luminous intensity. Featuring IPS (Internal Power Supply) technology, this T8 lamp proves to be a quick industry retrofit solution. The fixtures are UL listed and on the DesignLights Consortium (DLC) Qualified Products List and eligible for rebates from DLC member utilities.

### Product Features

- Extruded aluminum heat sink is fully-sealed and dirt and bug proof
- Integral secondary heat sink optimizes thermal transfer and maximizes performance and LED lifespan
- Superior thermal management with dual end cap air flow
- Smooth light output, instant-on, no hot spot and glare-free
- Integral high-performance LED driver and high-performance SMD LEDs
- High uniformity of light creates elegant lighting atmosphere for retail & commercial applications
- High Efficiency; greater than 130 LPW advances energy savings up to 60% vs.T8 fluorescent luminaires
- Up to 50,000-hour L70 LED lifespan
- 5-Year Warranty

### Applications

- Retail and commercial applications
- Highly effective in supermarket environments where high color rendering of fresh foods is essential

### Available Options

- Optional color temperatures include 3,500, 4,000 and 5,00K
- Dual mode UL Type A and B; ballast compatible and bypass, respectively
- Dimmable driver
- Photocell sensor

### Cautions

- Installation by a licensed electrician only.
- Product failure caused by misuse, modification or power surges are not covered under warranty.
- Actual product performance may differ as a result of end-user environment and application.

### Warranty

LED Hawaii is the Hawaii Distributor for E2 Lighting USA (Manufacturer). E2 Lighting USA warrants that 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. Please see our complete warranty terms located at [www.e2lightingusa.com](http://www.e2lightingusa.com) or [www.ledhawaii.com](http://www.ledhawaii.com)

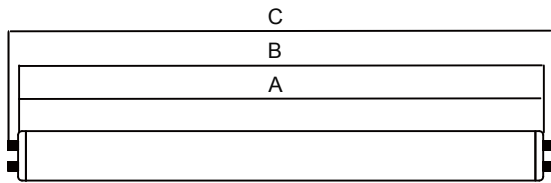
### Technical Support

Need help? Please contact our technical support team for assistance at (808) 306-7873.

## E2-T8-GL-AB1215

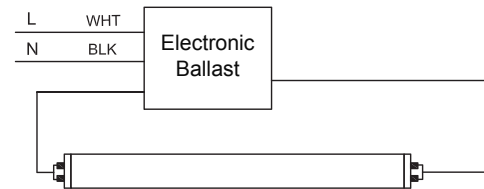
## Installation

### Dimensions

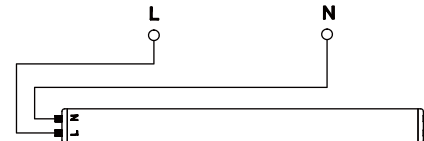


Max length (mm)	2ft	4ft
A	588	1198
B	595	1205
C	603	1213
Weight (g)	<160	<360

### Wiring diagrams for electronic ballast fixture (UL Type A):



### Wiring diagram for bypassing electronic ballast (UL Type B):



### Ordering Matrix

Model	Lens	Dimensions	Driver	Wattage	Voltage	Color Temp	Lumens
E2-T8-GL-AB1215	Frosted	L = 48.00" (4ft) D = 1.00"	Internal Driver	15/19W	AC100-277V	35K = 3500K 40K = 4000K 50K = 5000K	2025-2565