

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The FHE LED retrofit is intended to retrofit existing fluorescent FHE product. [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. [Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.](#)**

**ELECTRICAL** — Utilizes high-efficiency LEDs mounted to core circuit boards. High-efficiency drivers operate 120-480 volt offered with 0-10 volt dimming, allowing granular control when coupled with wireless networking controls. Luminaire Surge Protection Level: Designed to withstand up to 6kV/3kA per ANSI C82.77-5-2015. Expected service life of 72,000 hours at 80% lumen maintenance (L80); predicted life of more than 100,000 hours.

**LISTINGS** — UL/C-UL listed to US and Canadian safety standards.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

### RLFHE LED Fluorescent Retrofit Kit

# RLFHE LED



### ORDERING INFORMATION

Catalog number	UPC	Description	Lumens*	Wattage	Voltage	Color temperature	Color rendering index	pallet quantity
RLFHE L48 12000LM MD MVOLT GZ10 40K 80CRI	00194994022114	LED retrofit kit for FHE fluorescent series product	12224	78.1	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 18000LM MD MVOLT GZ10 40K 80CRI	00193048909197	LED retrofit kit for FHE fluorescent series product	18099	117	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 24000LM MD MVOLT GZ10 40K 80CRI	00193048909036	LED retrofit kit for FHE fluorescent series product	25130	150.7	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 12000LM MD HVOLT GZ10 40K 80CRI	00194994022152	LED retrofit kit for FHE fluorescent series product	12224	77.3	HVOLT (347-480)	4000 K	80CRI	20
RLFHE L48 18000LM MD HVOLT GZ10 40K 80CRI	00193048909210	LED retrofit kit for FHE fluorescent series product	18099	114.1	HVOLT (347-480)	4000 K	80CRI	20
RLFHE L48 24000LM MD HVOLT GZ10 40K 80CRI	00193048909142	LED retrofit kit for FHE fluorescent series product	25130	146.3	HVOLT (347-480)	4000 K	80CRI	20
RLFHE L48 12000LM ND MVOLT GZ10 40K 80CRI	00194994184997	LED retrofit kit for FHE fluorescent series product	12159	77.76	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 18000LM ND MVOLT GZ10 40K 80CRI	00194994184898	LED retrofit kit for FHE fluorescent series product	17907	116.44	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 24000LM ND MVOLT GZ10 40K 80CRI	00194994184843	LED retrofit kit for FHE fluorescent series product	24385	151	MVOLT (120-277)	4000 K	80CRI	20
RLFHE L48 12000LM ND HVOLT GZ10 40K 80CRI	00194994185048	LED retrofit kit for FHE fluorescent series product	12159	77.3	HVOLT (347-480)	4000 K	80CRI	20
RLFHE L48 18000LM ND HVOLT GZ10 40K 80CRI	00194994184911	LED retrofit kit for FHE fluorescent series product	17907	114.1	HVOLT (347-480)	4000 K	80CRI	20
RLFHE L48 24000LM ND HVOLT GZ10 40K 80CRI	00194994184867	LED retrofit kit for FHE fluorescent series product	24385	151	HVOLT (347-480)	4000 K	80CRI	20

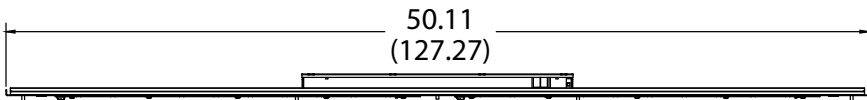
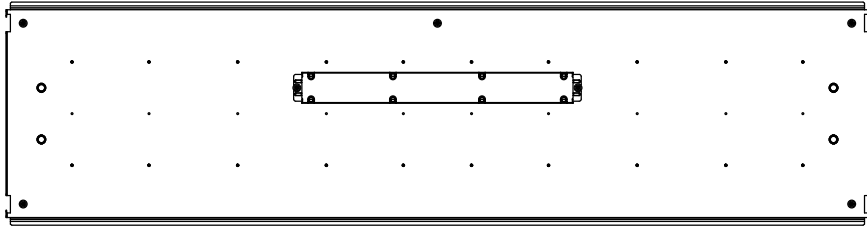
\*Lumens derived utilizing clear acrylic lens.

# RLFHE LED Fluorescent Retrofit Kit

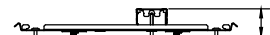
## DIMENSIONS

Inches (centimeters). Subject to change without notice.

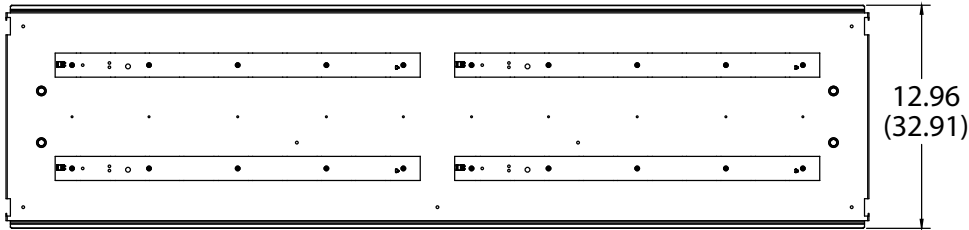
Length	Actual Length	Width	Height	Approximate weight
L48	51.1 in	12.96 in	1.6 in	11.5 lbs



50.11  
(127.27)



1.60  
(4.06)



12.96  
(32.91)

## CSA LISTED AMBIENT RATING\*

L48		Surface	Suspended
		12000LM	25°C
	18000LM	25°C	40°C
	24000LM	25°C	40°C

\*Minimum Ambient is -40°C unless noted

## LUMEN MAINTENANCE\*

L48		Operating Hours					
		0	15,000	30,000	45,000	60,000	100,000
	12000LM	1.0	.96	0.94	0.91	0.89	0.82
	18000LM	1.0	.96	0.94	0.91	0.89	0.82
	24000LM	1.0	.96	0.94	0.91	0.89	0.82

\*Data projected for 25°C ambient