



**FUTURE FIT**  
LED KITS

CATALOG NUMBER:  
**KT-RKIT23-22D-XXX-VDIM**



## DESCRIPTION

2x2 LED DoorFrame Retrofit Kit, 23W, 120-277V, 0-10V Dimming



## PRODUCT FEATURES

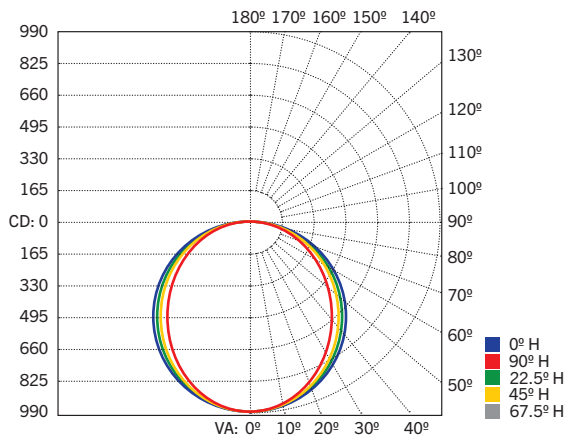
- Used to Upgrade existing 2x2 fluorescent recessed troffer, without modifying existing fixture mounting.
- Architectural Grade Design
- Powered by Keystone 0-10V Dimming LED Driver
- Compatible with Keystone SmartSafe LED Emergency Drivers
- Suitable for Damp Location
- Operating Temperature Range:-20° C to 50° C
- 5 Year Warranty
- DLC Listed
- 50,000 Hours Rated Life
- Over 50% Energy Savings as Compared to Traditional Fluorescent Troffers
- THD:<20%
- PF:>0.9
- Low flicker

## PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	CRI	Power Factor	Efficacy	Lifetime
KT-RKIT23-22D-835-VDIM	120-277V	23	3500K	2930	>80	>0.9	129lm/W	50,000 Hour
KT-RKIT23-22D-840-VDIM	120-277V	23	4000K	2980	>80	>0.9	130lm/W	50,000 Hour
KT-RKIT23-22D-850-VDIM	120-277V	23	5000K	3070	>80	>0.9	134lm/W	50,000 Hour

## PHOTOMETRIC SPECIFICATIONS

### POLAR CANDELA DISTRIBUTION



### ILLUMINANCE AT A DISTANCE

	Center Beam LUX	Beam Width
0.7 M	2,205.6 LUX	1.7 M 2.6 M
1.3 M	551.4 LUX	3.4 M 5.2 M
2.0 M	245.1 LUX	5.1 M 7.8 M
2.7 M	137.9 LUX	6.9 M 10.4 M
3.3 M	88.2 LUX	8.6 M 13.1 M
4.0 M	61.3 LUX	10.3 M 15.7 M

Horizontal Spread: 104.3°  
Vertical Spread: 125.9°

Zone	Lumens	% Luminaire
0-30	756.0	26.2%
0-40	1,235.3	42.7%
0-60	2,196.4	76.0%
60-90	683.7	23.7%
70-100	308.3	10.7%
90-120	4.8	0.2%
0-90	2,880.0	99.7%
90-180	9.8	0.3%
0-180	2,889.9	100%

## INSTALLATION INSTRUCTIONS

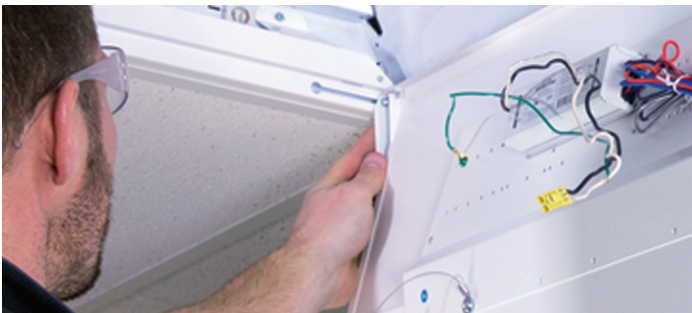
**1. Shut off power to the fixture.** Open the fixture lens and remove the existing fluorescent lamps, ballast cover, and lens. Disconnect the ballast from the building's line voltage.



**2. Install support brackets (x2) and secure with tek screws.**



**3. Optional:** Install side plates (x2). This is dependent on whether or not there are gaps between the fixture and the existing ceiling grid.



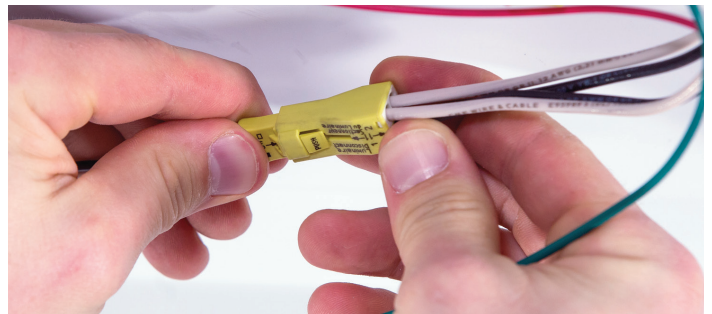
**4. Insert the doorframe of the retrofit into the keyholes of the support brackets and slide the unit into place.**



**5. Hook safety cables into existing lances/holes of the fixture.**



**6. Make electrical connections for input power (via the included Power Quick Disconnect) and fixture ground. 0-10V connections are optional.**



**7. Swing the doorframe assembly up and secure it by locking the latches. Restore power to the fixture.**

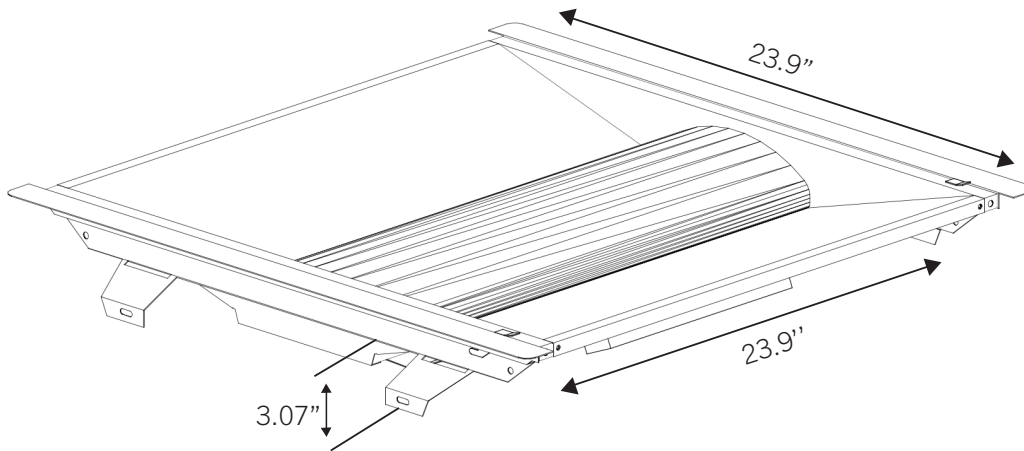




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## PHYSICAL SPECIFICATIONS



## COMPONENT SUMMARY

Part	Qty.
End Plates	2
Side Plates	2
Door Assembly Body	1
Self-Tapping Screws	4

## CATALOG NUMBER BREAKDOWN

**KT-RKIT23-22D-8XX-VDIM**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
1 Keystone Technologies	2 Retrofit Kit	3 Wattage	4 2'x2' Size	5 Lamp Type	6 80 CRI	7 Color Temperature	8 0-10V Dimmable