

# KT-RKIT24PS-22DB-8CSA-VDIM

## DOORFRAME RETROFIT KIT

### DESCRIPTION

2x2 LED DoorFrame Retrofit Kit | 120-277V | 0-10V Dimming



**5YEAR**  
WARRANTY

### PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Keystone Power Select technology. Adjust power between 24W, 18W, and 15W
- Used to Upgrade existing 2x2 fluorescent recessed troffer, without modifying existing fixture mounting.
- Powered by Keystone 0 –10V dimming LED drivers with 12V Aux
- Ambient operating temperature: -20°C/-4°F to 50°C/122°F
- Compatible with Keystone SmartSafe emergency backups
- Available with optional integral occupancy sensor accessory, KTSL-FC2-12V-SM-PIR
- Low optical flicker
- THD: < 20%
- Power factor > 0.95

### POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (24W/18W/15W)

### PRODUCT SPECIFICATIONS

| Catalog Number             | Input Voltage | Wattage | CCT   | Lumen Output | Efficacy | CRI  | Power Factor | Lifetime   |
|----------------------------|---------------|---------|-------|--------------|----------|------|--------------|------------|
| KT-RKIT24PS-22DB-8CSA-VDIM | 120–277V      | 24W     | 3500K | 3,000        | 125 lm/W | > 80 | > 0.90       | 50,000 hrs |
|                            |               |         | 4000K | 3,024        | 126 lm/W |      |              |            |
|                            |               |         | 5000K | 3,048        | 127 lm/W |      |              |            |
|                            |               | 18W     | 3500K | 2,358        | 131 lm/W |      |              |            |
|                            |               |         | 4000K | 2,376        | 132 lm/W |      |              |            |
|                            |               |         | 5000K | 2,394        | 133 lm/W |      |              |            |
|                            |               | 15W     | 3500K | 2,010        | 134 lm/W |      |              |            |
|                            |               |         | 4000K | 2,025        | 135 lm/W |      |              |            |
|                            |               |         | 5000K | 2,040        | 136 lm/W |      |              |            |

### ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

\* Preset to highest lumen output (24W / 5000K)

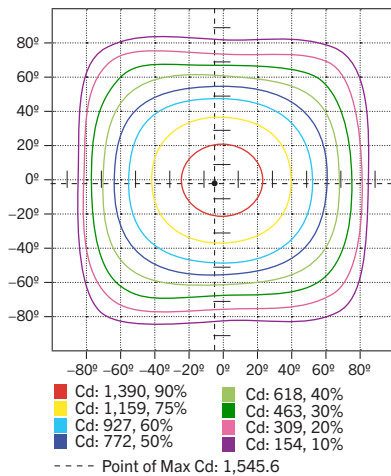
\* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

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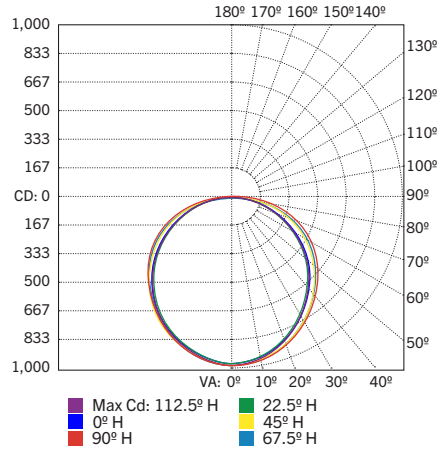
## DOORFRAME RETROFIT KIT

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



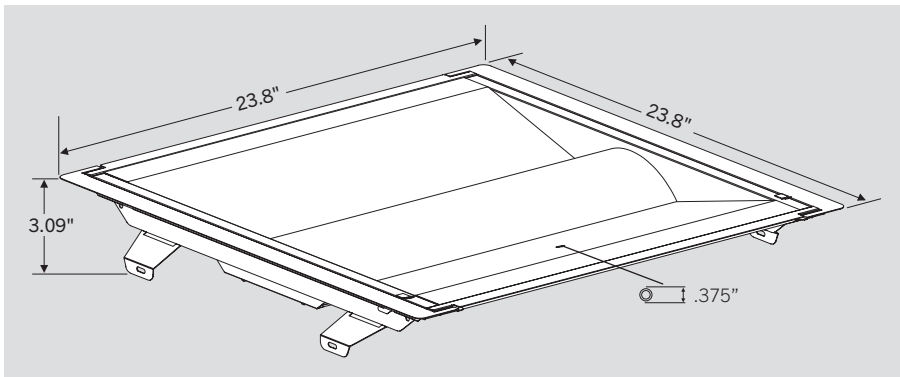
#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

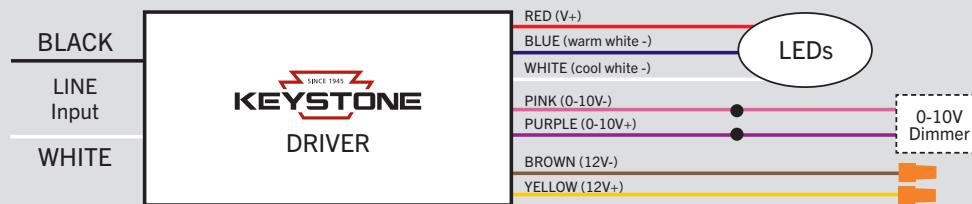
| Zone   | Lumens  | % Luminaire |
|--------|---------|-------------|
| 0-60   | 2,249.5 | 74.60%      |
| 60-90  | 756.7   | 25.10%      |
| 0-90   | 3,006.1 | 99.70%      |
| 90-180 | 9.1     | 0.30%       |
| 0-180  | 3,015.2 | 100%        |

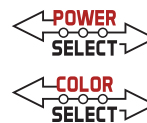
### PHYSICAL SPECIFICATIONS



### WIRING DIAGRAMS

#### 0-10V Dimmer

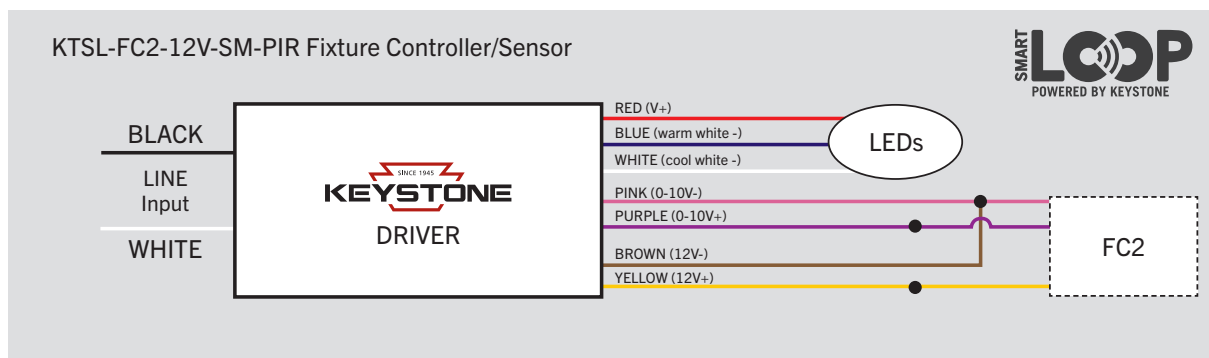




# KT-RKIT24PS-22DB-8CSA-VDIM

## DOORFRAME RETROFIT KIT

### WIRING DIAGRAMS (CONTINUED)



### ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

| Catalog Number       | Description                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| KT-EMRG-LED-5C-500   | LED Emergency Back-Up, 5W Constant Wattage Design, Approx 500 lumens                                                        |
| KT-EMRG-LED-12C-1200 | LED Emergency Back-Up, 12W Constant Wattage Design, Approx 1200 lumens.                                                     |
| KTSL-FC2-12V-SM-PIR  | Bluetooth mesh wireless low voltage fixture controller for SmartLoop system with integrated daylight and PIR motion sensors |



Fixture installed with KTSL-FC2-12V-SM-PIR

### ORDERING INFORMATION

| Catalog Number             | Pack Quantity | Easy Code | UPC          |
|----------------------------|---------------|-----------|--------------|
| KT-RKIT24PS-22DB-8CSA-VDIM | TBD           | SDN-56    | 843654134819 |

### CATALOG NUMBER BREAKDOWN

# KT-RKIT24PS-22DB-8CSA-VDIM

1 2 3 4 5 6 7 8 9 10 11

- 1 Keystone Technologies
- 2 Retrofit Kit
- 3 Wattage
- 4 Power Select
- 5 2X2' Nominal Length
- 6 Lamp Type
- 7 80 CRI
- 8 Color Select
- 9 Color Select Designation
- 10 0-10V Dimming

#### 9 Color Select Designation

|   |                     |
|---|---------------------|
| A | 3500K, 4000K, 5000K |
|---|---------------------|

#### 11 Sensor Options

|          |                               |
|----------|-------------------------------|
|          | No Option                     |
| /FC2-PIR | SmartLoop PIR sensor included |