

## LED RetroFit

*DIMMABLE CONNECTABLE*

1'x4'



Litetronics has simplified the job of retrofitting strip fixtures. The 1'x4' direct-connect and dimmable RetroFits are well suited for upgrades in single units and 8' fluorescent fixtures as well as the long line assemblies used in cove and factory lighting. From a single source, our 16 and 32 Watt RetroFits can be directly connected to each other with dimming as well as power lines. All can be daisy-chained using the direct jumpers as well as 8" or 4' cables.

### Benefits

- Simple install
- No need to break into the ceiling plenum
- Usable with Litetronics 23 Watt battery back-up
- Universal 120-277V driver
- 85,000-hour rated life
- 7-year warranty
- Suitable for damp locations

### Markets & Applications

- Restaurants
- Retail
- Schools
- Hospitals
- Office Lighting

**LITETRONICS®**

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## Technical Product Information

**0-10V Dimmer Compatible**

**Average Rated Life:** 85,000H

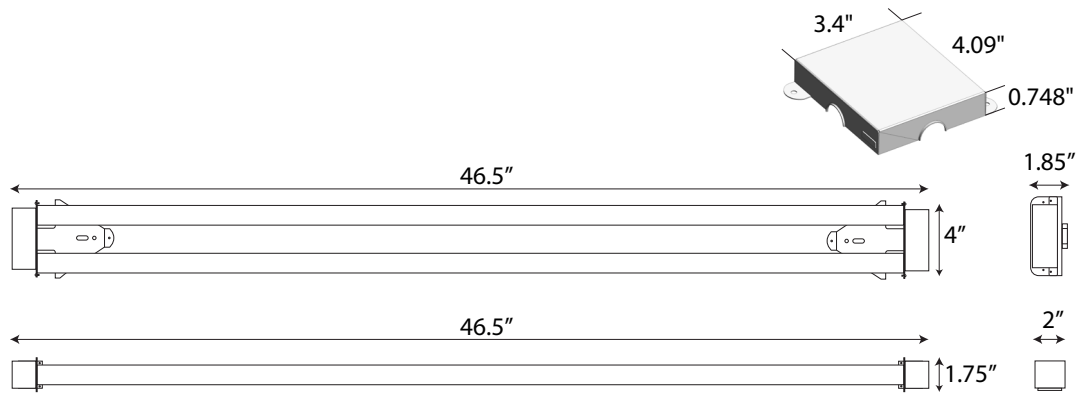
**Line Frequency:** 60Hz

**CRI:** 83

**Power Factor:** ≥0.95

**Operating Temp:** -5° to 95°F

**Available by Special Order:** 3000K



## Compatible Dimmers

See: <https://www.litetronics.com/webfoo/wp-content/uploads/Litetronics-Retrofit-Dimmer-Compatibility-List.pdf>

## Part Number Matrix

| XX (product family) | XX (wattage)                   | X (voltage)  | X (connector)                    | XX (shape)         | XX (color temperature)                 | X (series connect) | XX (dimnable) |
|---------------------|--------------------------------|--------------|----------------------------------|--------------------|--|--------------------|---------------|
| RF = LED Retrofit   | 16 = 16 watts<br>32 = 32 watts | U = 120-277V | Q = QuickConnect<br>H = Hardwire | T1 = 1'x4' Troffer | 35 = 3500K<br>40 = 4000K<br>50 = 5000K | C = Connectable    | DL - 0-10V    |

## Product Specifications

| TYPE          | WATTS | VOLTS   | DESCRIPTION                         | ORDERING CODE | CCT (K) | RETROFIT LUMENS* | LUMINAIRE LUMENS** | DIMMER TYPE | DLC             |
|---------------|-------|---------|-------------------------------------|---------------|---------|------------------|--------------------|-------------|-----------------|
| 1-TUBE<br>1X4 | 16    | 120-277 | 16W 1-1X4 LED RF QC 3500K 0-10V DIM | RF16UQT135CDL | 3500    | 2,200            | 1,725              | 0-10V       | STANDARD<br>4.1 |
|               |       |         | 16W 1-1X4 LED RF QC 4000K 0-10V DIM | RF16UQT140CDL | 4000    |                  |                    |             |                 |
|               |       |         | 16W 1-1X4 LED RF QC 5000K 0-10V DIM | RF16UQT150CDL | 5000    |                  |                    |             |                 |
| 2-TUBE<br>1X4 | 32    | 120-277 | 32W 2-1X4 LED RF QC 3500K 0-10V DIM | RF32UQT135CDL | 3500    | 4,400            | 3,450              | 0-10V       | STANDARD<br>4.1 |
|               |       |         | 32W 2-1X4 LED RF QC 4000K 0-10V DIM | RF32UQT140CDL | 4000    |                  |                    |             |                 |
|               |       |         | 32W 2-1X4 LED RF QC 5000K 0-10V DIM | RF32UQT150CDL | 5000    |                  |                    |             |                 |

## What's included in the box with LED Retrofit:

Magnetic Junction Box Cover • Male Disconnect attached to female end • 4 Self-tapping Screws • 2 Labels • 1 Snap Bushing • 2 Wire Nuts • Installation Instructions • Low Voltage Cord 0-10V

85,000 hours based on 35°C ambient room temperature

\* Linear ambient lumens

\*\* Based on Photometric testing consistent with IES LM-79 testing; Lumens will vary based on diffuser and fixture



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# LED RetroFit

Dimmable Connectable Accessories



| IMAGE | MAX VOLTAGE | CURRENT CAPACITY | WEIGHT RATING | DESCRIPTION                                    | ORDERING CODE | QTY/ CASE | ACCESSORY USE   |
|-------|-------------|------------------|---------------|--|---------------|-----------|---|
| A     | -           | -                | 25LBS         | RETROFIT SUSPENSION KIT (5FT CABLES)           | RFAXPVL5 *    | 10        | READY-TO-USE KIT FOR SUSPENDING LED RETROFIT FOR STAND ALONE USE  |
| B     | 277V        | 12A              | -             | 4'- RETROFIT LAMP TO LAMP EXTENSION-WHITE      | RFAC-4FT      | 10        | CONNECT 2 RETROFITS TOGETHER WHEN LESS THAN OR EQUAL TO 4' APART  |
| C     | 277V        | 12A              | -             | 8"- RETROFIT LAMP TO LAMP EXTENSION-WHITE      | RFAC-8IN      | 10        | CONNECT 2 RETROFITS TOGETHER WHEN LESS THAN OR EQUAL TO 8"APART   |
| D     | 277V        | 12A              | -             | RETROFIT DUAL CONNECTOR - WHITE                | RFAC          | 10        | BUTT CONNECT 2 RETROFITS TOGETHER TO CREATE 8' UNIT               |
| E     | -           | -                | -             | 20MM BI-METAL HOLE SAW INCLUDING ARBOR - WHITE | RFAHS-20      | 1         | DRILL A 20MM HOLE THROUGH METAL FOR ELECTRICAL WIRING OF RETROFIT |

\* RetroFit Suspension Kit includes 2 of each V-hooks, cables(5ft) with loops and cable locks



| IMAGE | MAX VOLTAGE | DESCRIPTION                                   | ORDERING CODE | QTY/ CASE | ACCESSORY USE                                     |
|-------|-------------|---|---------------|-----------|---|
| F     | 10V         | RETROFIT 0-10V CONNECTING SERIES - WHITE      | RFALVC        | 10        | 0-10V DIMMER JUMPER CONNECTS RETROFITS END-TO-END |
| G     | 10V         | 4' - RETROFIT 0-10V CONNECTING SERIES - WHITE | RFALVC-4FT    | 10        | 0-10V DIMMER CABLE FOR RETROFITS UP TO 4' APART   |
| H     | 10V         | 8" - RETROFIT 0-10V CONNECTING SERIES - WHITE | RFALVC-8IN    | 10        | 0-10V DIMMER CABLE FOR RETROFITS UP TO 8" APART   |

