

# 6" Retrofit Kit Reflector LED Light Engine Trim with Driver



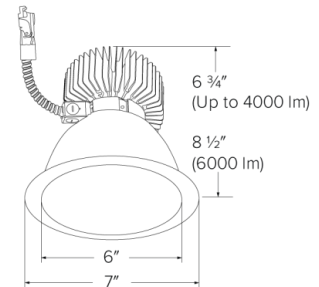
## Features

- Easy mounting brackets designed for retrofit applications
- Dimmable Triac/ELV and 0-10V.
- Includes retrofit driver and flex
- Optional 90 minutes, 120/277 VAC, 60Hz Emergency Backup.
- USA Designed and Assembled.

## Specifications

|                     |                           |
|---------------------|---------------------------|
| <b>Wattage</b>      | 18W                       |
| <b>Lumens</b>       | 1600 lm                   |
| <b>Color Temp.</b>  | 3500K                     |
| <b>Dimmable</b>     | Triac/ELV/0-10V/120/277 V |
| <b>Lamp Type</b>    | LED                       |
| <b>Beam Angle</b>   | 60°                       |
| <b>Power Factor</b> | ≥0.9                      |
| <b>Wet Location</b> | Listed                    |

## Light Engine



## Technical Details

### LIGHT ENGINE:

**Optics:** Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED technology.

**Reflector Construction:** Reflector is one piece, deep, self-flanged construction spun from .05" thick High-Grade Aluminum. The reflector allows for minimal glare and a strong glare cut-off.

### LED Technology:

- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixelation.

**Sunset:** Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

**Listings:** cULus Listed for Wet Location. RoHS Compliant. ENERGY STAR® Certified.

**RETROFIT KIT WITH DRIVER:** Mounting brackets designed for retrofit application

### Installation:

Designed to be installed in existing holes for retrofitting less efficient lighting technologies. The junction box is mounted with the driver and can be mounted into the ceiling with flex going from power to junction box and from junction box to light engine.

**Junction Box:** Positioned to accommodate straight conduit runs. Seven 1/2" trade-size conduit knockouts.

**Electrical:**

- Driver is rated for 120V and 277V input (120/277V).
- High-Efficiency driver with a power factor > 0.9.
- Can be specified with Lutron drivers for specific applications.

**Dimmability:**

- 3-in-1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Flicker-Free Dimming.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a full list of dimmers, refer to the Dimmer Compatibility List.

**Listings:** UL Listed for Damp Location. UL Listed for Wet Location with select trims. UL Listed for Direct Contact with Insulation and Combustible Material for units up to 2000 lm. UL Listed for Feed Through. ENERGY STAR® Certified.

**Warranty:** ELCO Products are built to last. 5-year Limited warranty.

**Product Number Builder**    Example: **E610TF0827DH, E610TF0827DW, E610TF0827DB, E610TF0827DC, E610TF0827DHW**

| Elco 6" Retrofit Kit Light Engine with Driver | Lumens     | Color Temperature      | Dimming                    | Finish                     | Beam Angle               |
|---|------------|------------------------|----------------------------|----------------------------|--------------------------|
| E610TF  |            |                        |                            |                            |                          |
|   | 08 850 lm  | 27 2700K <sup>1</sup>  | D Triac/ELV/0-10V/120/277V | H All Haze (Semi-Specular) | 60º lens                 |
|   | 12 1250 lm | 30 3000K               | L Lutron                   | W All White                | -F 38º lens <sup>1</sup> |
|   | 16 1600 lm | 35 3500K               |                            | B All Black                | -N 24º lens <sup>1</sup> |
|   | 20 2000 lm | 40 4000K               |                            | C All Chrome               | -S 15º lens <sup>1</sup> |
|   | 30 3000 lm | SD Sunset <sup>2</sup> |                            | HW Haze w/White Ring       |                          |
|   | 40 4000 lm |                        |                            |                            |                          |
|   | 60 6000 lm |                        |                            |                            |                          |

<sup>1</sup> Available for lumen packages up to 3000 lm only

<sup>2</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed