ELCO Lighting

Project name:

Fixture type:

Date:

6" Retrofit Kit Reflector LED Light Engine Trim with Driver



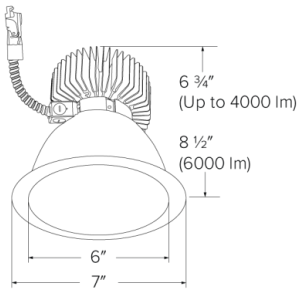
Features

- 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

Wattage	36.8W
Lumens	4000 lm
Color Temp.	3500K
Dimmable	Sunset
Lamp Type	LED
Beam Angle	60°
Power Factor	≥0.9
Wet Location	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.

© ELCO Lighting 2024. All rights reserved • Rev. 06 Oct 2023 • ELCO Lighting reserves the right to make specification and design changes without notice.

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 **12** 1250 lm **16** 1600 lm **20** 2000 lm **30** 3000 lm **40** 4000 lm **60** 6000 lm	**27** 2700K [1] **30** 3000K **35** 3500K **40** 4000K **SD** Sunset [2]	**D** Triac/ELV/0-10V/120/277V **S** Sunset **L** Lutron	**H** All Haze (Semi-Specular) **W** All White **B** All Black **C** All Chrome **HW** Haze w/White Ring	60º lens **-F** 38º lens [1] **-N** 24º lens [1] **-S** 15º lens [1]

[1] Available for lumen packages up to 3000 lm only

[2] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

© ELCO Lighting 2024. All rights reserved • Rev. 06 Oct 2023 • ELCO Lighting reserves the right to make specification and design changes without notice.