ELCO Lighting

Project Name:

Fixture Type:

Date:

8″ REFLECTOR LED LIGHT ENGINE TRIMS (850-6000 LM)

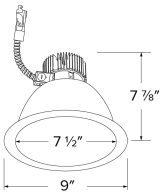
Light Engine · Round · 8″ · 5 finishes



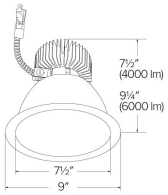
FEATURES

- Dimmable Triac/ELV or 0-10V.
- USA Designed and Assembled.
- Frame sold separately (see Compatible Housings).
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

DIMENSIONS



4000 lm - 6000 lm Series



4000 lm - 6000 lm Series

SPECIFICATIONS

Wattage	8.8 · 12.8 · 18 · 21.6 · 31 · 36.8 · 71.4 W
Lumens	850 · 1250 · 1600 · 2000 · 3000 · 4000 · 6000 lm
Color temp.	2700K · 3000K · 3500K · 4000K · 5000K · Sunset
Lamp type	LED
Beam angle	60° · 38° · 24° · 15°
CRI	93+
Aperture	8"
Shape	Round
Generation	Gen 2 · Gen 1

FINISHES


Haze (Semi-Specular)


White


Black


Chrome


Haze with White Ring

Item page
elcolighting.com/items/8-reflector-led-light-engine-trims-850-6000-lm
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

8″ Laurel™ Frames and LED Light Engines

© ELCO Lighting 2026. All rights reserved • Rev. 19 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

PRODUCT NUMBER BUILDER

Specify **8" Reflector LED Light Engine Trims (850-6000 lm)** item number (Select one) Example: **E810L0827W2** Your item number:

ITEM	LUMENS	CCT	FINISH	GENERATION	BEAM ANGLE
E810L	**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 **50** 5000K[2] **SD** Sunset[1,3]	**H** Haze (Semi-Specular) **W** White **B** Black **C** Chrome **HW** Haze with White Ring	**2** Gen 2 **1** Gen 1	60° **-F** 38°[1] **-N** 24°[1] **-S** 15°[1]

[1] Available for lumen packages up to 3000 lm only [2] Available for lumen packages 16, 20, 30, 40 and 60 only [3] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

TECHNICAL DETAILS

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. Reflector allows for minimal glare and a strong glare cut-off.

Installation: Must be installed on a Laurel System frame with compatible lumen rating. Frames are available for New Construction, Remodel and as a Retrofit Kit.

LED Technology:

- Color Rendering Index of 90+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- 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.

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

© ELCO Lighting 2026. All rights reserved • Rev. 19 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.