ELCO Lighting

Project Name:

Fixture Type:

Date:

2″ SQUARE LED HIGH-LUMEN REFLECTOR LIGHT ENGINES

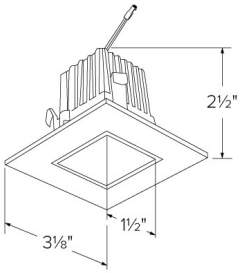
Light Engine · Square · 2″



FEATURES

- Suitable for use in fixtures installed in insulated ceilings.
- Suitable for new construction and remodel housings.
- Suitable for installation into ELCO 2″ recessed fixtures with 2-wire connector.
- Diecast construction provides lasting durability.
- Title 24 JA8-2025-E Compliant.

DIMENSIONS



SPECIFICATIONS

Wattage	11W
Lumens	800 · 1000 · 1040 · 1100 · 1125 lm
Color temp.	2700K · 3000K · 3500K · 4000K · Sunset
Lamp type	LED
Beam angle	36°
CRI	90+
Aperture	2"
Shape	Square

FINISHES

White

Item page
elcolighting.com/items/2-square-led-high-lumen-reflector-light-engine
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

High Tech-Lumen Alder™

Dimmer compatibility list

elcolighting.com · High Tech Alder Dimmer Compatibility

© 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 **2" Square LED High-Lumen Reflector Light Engines** item number (Select one) Example: **E213C1827W** Your item number:

ITEM	CCT	FINISH
E213C18		
	27 2700K **30** 3000K **35** 3500K **40** 4000K **SD** Sunset[1]	**W** White

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

TECHNICAL DETAILS

Optics: PC Lens for even lumen distribution.

Construction: Diecast construction for lasting quality and greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

Installation: Must be installed in ELCO 2" Alder System housing; E2AJU12ICA, E2LCU86ICA, E2LCU86RICA, E2LC185ICA, E2LC185RICA.

LED Technology:

- 90+ CRI color rendering.
- Efficacy of max. 102 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 based on LM80 standardized test results.
- Thermal management by using the aluminum body as a heat sink.

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: UL Listed (US and Canada) for Wet Location. Title 24 JA8-2025-E Compliant.

Warranty: ELCO Products are built to last with a 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.