Project name: _____

Fixture type: _____

Date: _____

4" LED Light Engine with Baffle Trim - E414C

The perfect lighting solution for high-end residential and light commercial projects.

Features

- High efficacy LED module.
- Triac/ELV/0-10V dimming.
- Must be used with ELCO 4" Cedar™ System Housings.
- Frosted acrylic module lens for even lumen distribution.
- Life span of 50,000 hours L70.
- USA designed and assembled.
- Limited 5 year warranty.

Technical Details

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

Trim Construction: Reflector is two piece trim for maximum color versatility. Design allows for minimal glare and a strong glare cut-off. Trim is constructed of metal for lasting durability.

Installation: Must be installed on a Cedar™ System housing with compatible lumen rating. Frames are available for New Construction and Remodel as IC or non-IC.
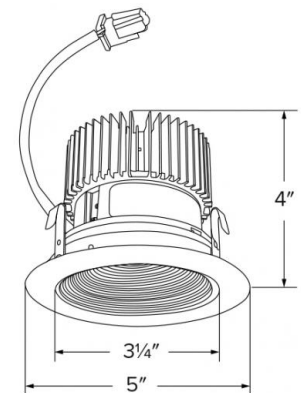
LED Technology:

- Extremely accurate Color Rendering Index of 93+.
- Efficacy of 97 lumens per watt.
- Lumen Maintaince 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 pixilation.

Listings:

- UL Listed for Wet Location.
- RoHS Compliant.
- ENERGY STAR® Certified.

Specifications

Wattage	8.76W - 18W
Lumens	850 lm - 1600 lm
Color Temp.	2700K - SunsetK
Lamp Type	LED
Beam Angle	60°
CRI	93+
Damp Location	Listed

Options

Black w/White ring

All Bronze

All White

Dimensions

Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Beam Angle
E414C0827W, E414C0827BZ, E414C0827B	LED	850 lm	2700K	8.76W	60°
E414C0830W, E414C0830BZ, E414C0830B	LED	850 lm	3000K	8.76W	60°
E414C0835W, E414C0835BZ, E414C0835B	LED	850 lm	3500K	8.76W	60°
E414C0840W, E414C0840BZ, E414C0840B	LED	850 lm	4000K	8.76W	60°
E414C08SDW, E414C08SDB, E414C08SDBZ	LED	850 lm	SunsetK	8.76W	60°

Item	Lamp type	Lumens	CCT	Watts	Beam Angle
E414C1227W, E414C1227BZ, E414C1227B	LED	1250 lm	2700K	12.88W	60°
E414C1230W, E414C1230BZ, E414C1230B	LED	1250 lm	3000K	12.88W	60°
E414C1235W, E414C1235BZ, E414C1235B	LED	1250 lm	3500K	12.88W	60°
E414C1240W, E414C1240BZ, E414C1240B	LED	1250 lm	4000K	12.88W	60°
E414C12SDW, E414C12SDB, E414C12SDBZ	LED	1250 lm	SunsetK	12.88W	60°
E414C1627W, E414C1627B, E414C1627BZ	LED	1600 lm	2700K	18W	60°
E414C1630W, E414C1630B, E414C1630BZ	LED	1600 lm	3000K	18W	60°
E414C1635W, E414C1635B, E414C1635BZ	LED	1600 lm	3500K	18W	60°
E414C1640W, E414C1640B, E414C1640BZ	LED	1600 lm	4000K	18W	60°
E414C16SDW, E414C16SDB, E414C16SDBZ	LED	1600 lm	SunsetK	18W	60°

Product Number Builder

Example: **E414C0827W, E414C0827BZ, E414C0827B**

ELCO 4" Baffle	Lumens	Color Temp.	Finish
E414C			

Lumens
08 850 lm
12 1250 lm
16 1600 lm

Color Temp.
27 2700K
30 3000K
35 3500K
40 4000K
SD Sunset

Finish
W All White
BZ All Bronze
B Black w/White Ring