

4" IC Airtight New Construction Housing

4" new construction dedicated LED housing. Compatible with 4" LED inserts, LED modules or PSA37 with MR16 trims. Can include step-down transformer.



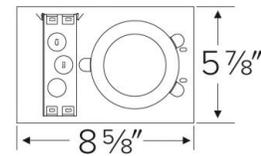
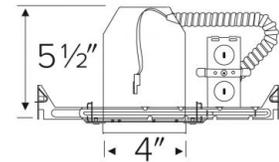
Features

- Single wall IC airtight construction, for use in insulated ceilings.
- Optional: 277V to 120V step-down transformer (EL490ICA-7 only).
- Meets Title 24 requirements. ENERGY STAR® Certified.
- Trims and inserts sold separately, MR16 LED with PSA37 or 4" Insert or module.

Specifications

Wattage	8W - 14W
Voltage	120/277V or 277V
Wet Location	Listed with Shower Trims
Damp Location	Listed

Dimensions



Technical Details

Construction:

- Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.
- Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Installation: Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 4 1/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts with pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists.

Electrical:

- Input Voltage: 120V AC.
- Inherently protected.

Dimmability:

- Dimmability based on lamp.

Lamp: Designed for use with ELCO 4" LED inserts, LED modules, or PSA37 with 4" MR16 trims.

Listings:

- cULus Listed for US and Canada.
- UL Listed for Damp Location.
- UL Listed for Wet Location with select trims.
- UL Listed for Feed Through.
- UL Listed for Direct Contact with Insulation and Combustible Material.
- Airtight per ASTM E-283.
- Install a JA8-2016-E lamp for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a

Product Numbers

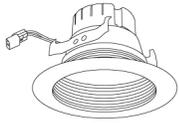
Item	Description	Watts	Voltage
EL490ICA		14W	120V
EL490ICA-7	with 277V to 120V Step-Down Transformer	14W	277V
EL490ICA-EM5	Emergency Battery Backup	8W	120/277V

period of 5 years.

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For use with Dedicated 4" IC LED Housings

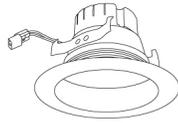
4" Downlight Round LED Light Engines



EL410
Round Baffle

Finish:
(W)

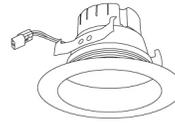
EL41027W	2700K / 740 lm
EL41030W	3000K / 770 lm
EL41035W	3500K / 800 lm
EL41040W	4000K / 830 lm



EL415
Round Reflector

Finish:
(W, BZ)

EL41527W/BZ	2700K / 740 lm
EL41530W/BZ	3000K / 770 lm
EL41535W/BZ	3500K / 800 lm
EL41540W	4000K / 830 lm
EL41550W	5000K / 860 lm

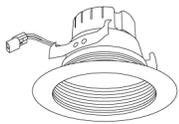


EL455
Builder Round Reflector

Finish:
(W)

EL45527W	2700K / 740 lm
EL45530W	3000K / 770 lm

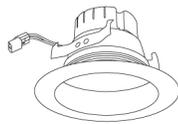
4" Downlight High-Lumen LED Light Engines



EL412
Round Baffle

Finish:
(W)

EL41230W	3000K / 1000 lm
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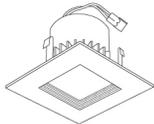


EL417
Round Reflector

Finish:
(W)

EL41727W	2700K / 1000 lm
EL41730W	3000K / 1000 lm
EL41735W	3500K / 1000 lm
EL41740W	4000K / 1000 lm

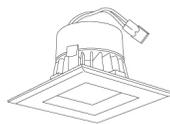
4" Downlight Square LED Light Engines



EL441
Square Baffle

Finish:
(W, BZ)

EL44130W/BZ	3000K / 700 lm
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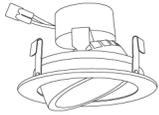
EL442
Square Reflector

Finish:
(W)

EL44227W	2700K / 700 lm
EL44230W/BZ	3000K / 715 lm

For use with Dedicated 4" IC LED Housings

4" Downlight Adjustable LED Light Engines



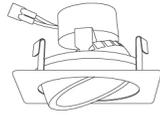
EL416

Round Adjustable

Finish:
(W)

EL41627W 2700K / 620 lm

EL41630W 3000K / 640 lm



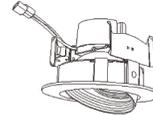
EL446

Square Adjustable

Finish:
(W)

EL44627W 2700K / 620 lm

EL44630W 3000K / 640 lm



EL414

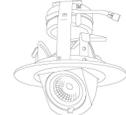
Round Adjustable

Finish:
(W, B)

EL41427W 2700K / 625 lm

EL41430W/B 3000K / 650 lm

EL41430W 3000K / 675 lm



EL497

Round Adjustable Pull Down

Finish:
(W, B, BZ, N)

EL49727W/B/BZ/N 2700K / 800 lm

EL49730W/B/BZ/N 3000K / 840 lm



EL447

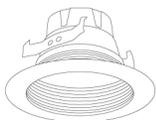
Square Adjustable Pull Down

Finish:
((W, B, BZ, N))

EL44727W/B/BZ/N 2700K / 800 lm

EL44730W/B/BZ/N 3000K / 840 lm

4" Downlight Sunset Dimming LED Light Engines



EL410SD

Round Baffle

Finish:
((W, BZ))

EL410SDW/BZ Sunset / 650 lm



EL415SD

Round Reflector

Finish:
((W, BZ))

EL415SDW/BZ Sunset / 650 lm