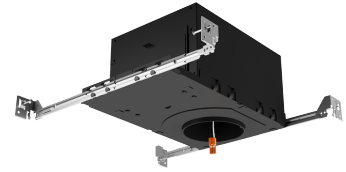


4" Dedicated LED IC Airtight New Construction R60 and Chicago Plenum Housing



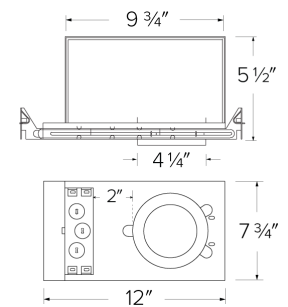
Features

- Double Wall Dedicated LED New Construction IC Airtight R-60 Foam Insulation Housing
- Meets Title 24 requirements. ENERGY STAR® Certified.
- Trims and inserts sold separately, MR16 LED with PSA37 or 4" Insert or Module.
- Suitable for Chicago Plenum construction

Specifications

| | |
|----------------------|--------|
| Wattage | 14W |
| Voltage | 120V |
| Lamp Type | LED |
| Damp Location | Listed |

Dimensions



Technical Details

Construction:

- Double 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 1/4" 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. Two 3/4" knockouts slots.

Hanger Bars: Pre-installed hanger bars with True Nail 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.

Listings: cUL Listed for Damp Location. cUL Listed for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. Install a JA8-2016-E lamp/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants this product will be free from defects in materials and workmanship for a period of 5 years.

Product Number

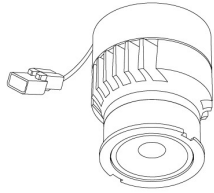
| Item | Description | Lamp type | Watts | Voltage |
|------------|--------------------------------------|-----------|-------|---------|
| EL490AJICA | 4" Dedicated LED IC Airtight Housing | LED | 14W | 120V |

Compatible Products



For use with Dedicated LED 4" IC R-60 Foam Insulation Housing

Koto™ LED Module



Koto™ LED Module
ELK07, ELK09,
ELK11, & ELK13



Product Number

ELK08CT5 825 lm
ELK10CT5 1000 lm

PRODUCT NUMBER BUILDER

| Koto™ LED Module | Lumens | Color Temperature | Beam Angle |
|------------------|---------|--|--|
| ELK | | | |
| 07 | 750 lm | 24 2400K ¹ | (blank) 38° lens ⁶ (Standard) |
| 09 | 950 lm | 27 2700K | -S 18° lens |
| 11 | 1150 lm | 30 3000K | -N 25° lens |
| 13 | 1350 lm | 35 3500K | -W 60° lens |
| | | 40 4000K | -FC 18° - 50° Adjustable (ELK07 Only) |
| | | SD Sunset Dimming ^{2,3} (For ELK09 & ELK11) | |
| | | HC Human Centric Dimming ^{4,5} (For ELK11) | |

¹ Not compatible with ELK13

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

³ Available with ELK11 lumen outputs only

⁴ Human Centric, Dim to Warm technology, automatically transitions from 4000K to 2200K when dimmed

⁵ 38° lens installed. Includes 25° and 60° lens with module.

⁶ Available with ELK09 and ELK11 lumen outputs only

ACCESSORIES



Lens

EP731C 18° Lens
EP732C 25° Lens
EP733C 38° Lens
EP734C 60° Lens

*EP732C, EP733C, EP734C Included



Snoot

L50W White
L50B Black



Secondary Optics

L45 Hex Louver
L46 Linear Lens
L47 Spread Louver
L49 Frosted Lens
L51 Color Shifter



Must be used
with Maximum
Adjustability Housing

4" Pex™ Twist-On Trims

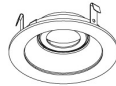


Reflector

ELK4118

Finishes:

(W, BB, BZ, B, C, H)



Adjustable Gimbal

ELK4129

Finishes:

(W, BB, BZ, B, C, H)

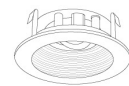


Adjustable Pinhole

ELK4127

Finishes:

(B, BB, BZ)



Adjustable Baffle

ELK4193

Finishes:

(W, BB, B)



Slot Aperture

ELK4130

Finishes:

(W)



Rotatable Slot Aperture

ELK4120

Finishes:

(W)



Adj. Wall Wash

ELK4122

Finishes:

(W)



Adjustable Spot

ELK4188

Finishes:

(W, B, BZ)

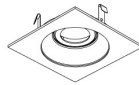


Reflector

ELK4218

Finishes:

(W, BB, BZ, B, C, H)

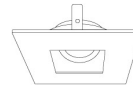


Adjustable Gimbal

ELK4229

Finishes:

(W, BB, BZ, B, C, H)

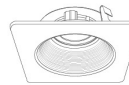


Adjustable Pinhole

ELK4227

Finishes:

(B, BB, BZ)



Adjustable Phenolic Baffle

ELK4293

Finishes:

(W, BB, B)



Adj. Slot Rotatable Aperture

ELK4220

Finishes:

(W)

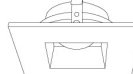


Adjustable Wall Wash

ELK4222

Finishes:

(W)

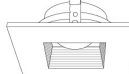


Adjustable Reflector

ELK4282

Finishes:

(W)



Adjustable Baffle

ELK4284

Finishes:

(W)

Compatible Products

For use with Dedicated LED 4" IC R-60 Foam Insulation Housing



4" Pex™ Adjustable Trimless



Round Spackle Frame

EL4SFR



Round Adjustable
Trimless Reflector

ELK415

Finishes:
(W, B, BZ, H)



Round Fixed
Trimless Reflector

ELK408

Finishes:
(W, B, BZ, H)



Square Spackle Frame

EL4SFS



Square Adjustable
Trimless Reflector

ELK459

Finishes:
(W, B, H)



Square Trimless
Reflector

ELK445

Finishes:
(W, B, H)

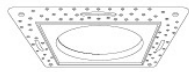
4" Flush Mount Trim Adaptors



Round Flush Mount

EL4FMR

For use with
ELK41 & Unique™ Trims



Square Flush Mount

EL4FMS

For use with
ELK42 Trims

4" Flexa™ Twist-On Trims



Round Reflector

ELK4721

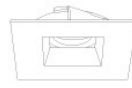
Finishes:
(WW, BB, BZBZ, BW, CC, CW,
HW, CN)



Round Baffle

ELK4723

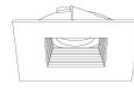
Finishes:
(WW, BB, BZBZ, BW)



Square Reflector

ELK4741

Finishes:
(WW, BB, BZBZ, BW, HW)
**Not for Remodel Housing*



Square Baffle

ELK4743

Finishes:
(WW, BB, BZBZ, BW)
**Not for Remodel Housing*

*Finishes: **W** - All White, **BB** - All Black, **BZ** - All Bronze, **B** - Black Reflector w/White Ring,
C - Chrome Reflector w/White Ring, **H** - Haze Reflector w/White Ring

Compatible Products

For use with Dedicated LED 4" IC R-60 Foam Insulation Housing



4" LED Light Engines



Round Reflector

| CAT NO. | SPECIFICATIONS |
|-------------------|----------------------------|
| EL41527W | 10W, 800 lm, 2700K |
| EL41530W | 10W, 850 lm, 3000K |
| EL41535W, BZ | 10W, 900 lm, 3500K |
| EL41540W | 10W, 900 lm, 4000K |
| EL41550W | 10W, 950 lm, 5000K |
| EL415CT5W, BB, BZ | 12W, 850 lm, 2700K - 5000K |



Round Baffle

| CAT NO. | SPECIFICATIONS |
|---------------|-----------------------------|
| EL41027W | 10W, 800 lm, 2700K |
| EL41030W | 10W, 850 lm, 3000K |
| EL41035W | 10W, 900 lm, 3500K |
| EL41040W | 10W, 900 lm, 4000K |
| EL410CT5W, BB | 12W, 850 lm, 2700K - 5000K |
| EL41230W | 14W, 1000 lm, 3000K |
| EL412CT5W | 14W, 1000 lm, 2700K - 5000K |



Round Reflector

| CAT NO. | SPECIFICATIONS |
|----------------|-----------------------------|
| EL41727C, H | 14W, 1000 lm, 2700K |
| EL41730W, C | 14W, 1000 lm, 3000K |
| EL41735C, H | 14W, 1000 lm, 3500K |
| EL41740W, C, H | 14W, 1000 lm, 4000K |
| EL417CT5W, H | 14W, 1000 lm, 2700K - 5000K |

DIMS TO WARM
SUNSET DIMMING TECHNOLOGY



Round Reflector

| CAT NO. | SPECIFICATIONS |
|--------------|---------------------|
| EL415SDW, BZ | 10W, 700 lm, Sunset |
| EL410SDW, BZ | 10W, 700 lm, Sunset |



Square Reflector

| CAT NO. | SPECIFICATIONS |
|----------------|----------------------------|
| EL442CT5W | 11W, 850 lm, 2700K - 5000K |
| EL442CT3BB, BZ | 11W, 750 lm, 2700K - 3500K |



Square Baffle

| CAT NO. | SPECIFICATIONS |
|------------|----------------------------|
| EL44127W | 10W, 750 lm, 2700K |
| EL441CT3BZ | 10W, 750 lm, 2700K - 3500K |
| EL441CT5W | 10W, 750 lm, 2700K - 5000K |



Round Gimbal

| CAT NO. | SPECIFICATIONS |
|------------------|---------------------------|
| EL41627W | 9W, 620 lm, 2700K |
| EL416CT5W, B, BZ | 9W, 650 lm, 2700K - 5000K |



Square Gimbal

| CAT NO. | SPECIFICATIONS |
|------------------|-----------------------------|
| EL446CT5W, B, BZ | 11W, 700 lm, 2700K - 5000K |
| EL446HLCT5W | 12W, 1000 lm, 2700K - 5000K |



Round Baffle Gimbal

| CAT NO. | SPECIFICATIONS |
|--------------|----------------------------|
| EL41427W | 10W, 625 lm, 2700K |
| EL41435W | 10W, 675 lm, 3500K |
| EL414CT5W, B | 12W, 650 lm, 2700K - 5000K |



Round Pull Down Adjustable

| CAT NO. | SPECIFICATIONS |
|-----------------|----------------------|
| EL49727W, B, BZ | 12.6W, 840 lm, 2700K |
| EL49730W, B, BZ | 12.6W, 840 lm, 3000K |



Square Pull Down Adjustable

| CAT NO. | SPECIFICATIONS |
|-----------------|----------------------|
| EL44727W, B, BZ | 12.6W, 840 lm, 2700K |
| EL44730W, B, BZ | 12.6W, 840 lm, 3000K |



Round Pull Down Adjustable
(2nd Generation)

| CAT NO. | SPECIFICATIONS |
|----------------|--------------------|
| EL49727W2, BZ2 | 11W, 950 lm, 2700K |
| EL49730W2, BZ2 | 11W, 950 lm, 3000K |

*Finishes: **W** - All White, **B** - All Black, **BZ** - All Bronze, **C** - Chrome w/White Ring, **H** - Haze w/White Ring

Compatible Products

For use with Dedicated LED 4" IC R-60 Foam Insulation Housing



4" Cedar™ LED Light Engines



Round Reflector

E410R

Finishes:

(W, BB, BZ, B, C, H, MW, MB)



Round Wall Wash Reflector

E411R

Finishes:

(W, BB, BZ, B, C, H, MW, MB)



Round Drop Glass

E412R

Finishes:

(W, BB, BZ, B, C, H, MW, MB)



Round Baffle

E414R

Finishes:

(W, BB, BZ, B)



Square on Square Baffle

E415R

Finishes:

(W, BZ)



Square on Square Reflector

E417R

Finishes:

(W, BZ, C, H)



Square on Round Reflector

E420R

Finishes:

(W, BB, BZ, C, H, MW, MB)



Square on Round Baffle

E424R

Finishes:

(W, BB, BZ, B)

PRODUCT NUMBER BUILDER

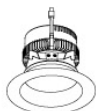
| 4" LED Module & Driver | Style | Lumens | Color Temperature | Finish |
|------------------------|---------------------------|--------------------------|--------------------------|------------------------------|
| E4 | | | | |
| 10R | Round Reflector | 08 850 lm (10.5W) | 27 2700K | W All White |
| 11R | Round Wall Wash Reflector | | 30 3000K | BB All Black |
| 12R | Round Drop Glass | | 35 3500K | BZ All Bronze |
| 14R | Round Baffle | | 40 4000K | B Black w/White Ring |
| 15R | Sq. on Sq. Baffle | | SD Sunset Dimming | C Chrome w/White Ring |
| 17R | Sq. on Sq. Reflector | | | H Haze w/White Ring |
| 20R | Sq. on Round Reflector | | | MW Matte White |
| 24R | Sq. on Round Baffle | | | MB Matte Black |

Compatible Products

For use with Dedicated LED 4" IC R-60 Foam Insulation Housing



4" Ply™ 120/277V LED Inserts



Round Insert with 5-CCT
and 3-Lumen Switch

EL475CT5D

Finishes:
(W, H, BB, HW)



Round Insert

EL49530D

Finishes:
(W)

*Finishes: **W** - All White, **BB** - All Black, **H** - All Haze, **HW** - Haze w/White Ring

**Must be used with PLY™ Housings for 0-10V dimmability (EL490ICDXA, EL490RICDXA, EL492ICDXA, EL492RICDXA).
With non-ply housing this is non-dimmable, 120-277V input only.*

4" Ply™ 120/277V Adjustable LED Inserts



Round Adjustable Gimbal

EL414

Finishes:
(DXW, DXB)



Round Adjustable Insert

EL497

Finishes:
(DXW, DXB, DXBZ DXN)



Square Adjustable Insert

EL447

Finishes:
(DXW, DXB, DXBZ DXN)



ACCESSORIES

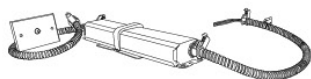
Interchangeable Lens
(For EL497 & EL447 Series only)

EP710C 20° Beam
EP712C 60° Beam

PRODUCT NUMBER BUILDER

| 4" 120/277V Adjustable LED Inserts | Style | Color Temperature | Finish |
|------------------------------------|----------------------|-------------------|-----------------|
| EL4 | | | |
| | 14 Adjustable Gimbal | 27D 2700K | DXW All White |
| | 97 Round Adjustable | 30D 3000K | DXB All Black |
| | 47 Square Adjustable | | DXBZ All Bronze |
| | | | DXBN All Nickel |

4" Accessories



Emergency Battery Backup



Fire Cover



Fire Enclosure



Mica Fire Tape

| CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
|------------------------------|----------------|---------|---------------------|------------|-------------------------------|----------|----------------|
| KEM-LD5 | 8W, 120/277V | FIRECVR | 9 3/4" H x 17" O.D. | FIREENCL | 20 3/8" L x 14 3/8" W | FIRETAPE | 3/4" W x 16' L |
| * Requires access from above | | | | FIREENCL-S | Shallow, 16" L x 14 3/8" W | | |