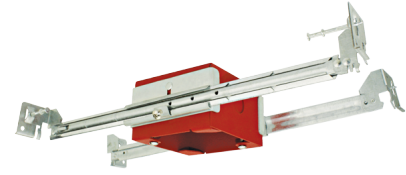


# Square New Construction Box

Maximum 2-Hour Fire Rated ceiling assembly can be maintained when installed according to the International Building Code, Section 714.



## Features

- The ideal solution for ceiling mount fixtures
- Standard 3 1/2" spaced mounting holes
- Height adjustable bracket for flush alignment even after mounting
- IC Airtight for direct contact with insulation, for use in IC and Non-IC applications
- No need to construct a fire rated box
- Swivel hanger bars for new construction mounting
- Low profile makes ideal in shallow plenum applications
- cUL listed under cUL 514A Standards as a metallic outlet box
- Maximum 2-Hour Fire Rated ceiling assembly can be maintained when installed according to the International Building Code, Section 714

## Technical Details

### Installation:

- Designed for shallow ceiling plenums.
- High strength swivel hanger bars that can be nailed to joists.
- Height adjustable bracket for flush alignment even after mounting

**Junction Box:** Positioned to accommodate straight conduit runs. Four 1/2" trade size conduit knockouts (2 on each side, 2 on top).

**Hanger Bars:** Swivel hanger bars with True Nail for easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-Bars. Hanger bars span 24". Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning housing with the joists.

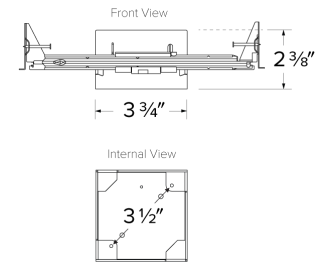
### Listings:

- IC Rated for direct contact with insulation
- ASTM E283 Certified Air Tight
- Damp location listed
- cUL listed under cUL 514A Standards as a metallic outlet box

### Compatible With:

- LED Disk Lights, LED Sky™ Panels, and LED Ceiling Mount Fixtures

## Dimensions



## Product Numbers

| Item  | Description              |
|-------|--------------------------|
| ELJ4S | 3 3/4" x 3 3/4" x 2 3/8" |

# Compatible Products



For use with ALO™ Boxes

## 4" & 6" LED Disk Lights



4" Round Alva™ Disk Light

| CAT NO.          | SPECIFICATIONS     |
|------------------|--------------------|
| ELSF4030W, BZ, N | 13W, 800 lm, 3000K |



6" Round Alva™ Disk Light

| CAT NO.          | SPECIFICATIONS     |
|------------------|--------------------|
| ELSF1127W        | 13W, 900 lm, 2700K |
| ELSF1130W, BZ, N | 13W, 900 lm, 2700K |



6" Round Arvid™ Disk Light

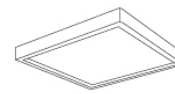
| CAT NO.   | SPECIFICATIONS       |
|-----------|----------------------|
| ELSF1030W | 11.5W, 850 lm, 3000K |

## Round & Square LED Sky Panels™



Round LED Sky Panel™

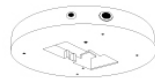
| CAT NO.       | SPECIFICATIONS                   |
|---------------|----------------------------------|
| ELSP43CT3W, B | 4", 10W, 600 lm, 3000K - 4000K   |
| ELSP6327W, B  | 6", 15W, 850 lm, 2700K           |
| ELSP63CT3W, B | 6", 15W, 900 lm, 3000K - 4000K   |
| ELSP8327W, B  | 8", 18W, 1150 lm, 2700K          |
| ELSP83CT3W, B | 8", 18W, 1200 lm, 3000K - 4000K  |
| ELSP12CT3W, B | 12", 22W, 2160 lm, 3000K - 4000K |



Square LED Sky Panel™

| CAT NO.      | SPECIFICATIONS           |
|--------------|--------------------------|
| ELSP4430W, B | 4", 10W, 600 lm, 3000K   |
| ELSP4440W, B | 4", 10W, 650 lm, 4000K   |
| ELSP6630W, B | 6", 15W, 900 lm, 3000K   |
| ELSP6640W, B | 6", 15W, 975 lm, 4000K   |
| ELSP8830W, B | 8", 18W, 1200 lm, 3000K  |
| ELSP8840W, B | 8", 18W, 1300 lm, 4000K  |
| ELSP2230W, B | 12", 22W, 2000 lm, 3000K |
| ELSP2240W, B | 12", 22W, 2160 lm, 4000K |

## Accessories for LED Sky Panels™



Emergency Battery Back-Up

| CAT NO.  | SPECIFICATIONS   |
|----------|--|
| KEM-ELSW | 15W, 900 lm, 120V, For use with 4" & 6" Sky Panels™ only |

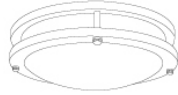
\*Finishes: **W** - All White, **B** - All Black, **BZ** - All Bronze, **N** - All Nickel

# Compatible Products

For use with ALO™ Boxes

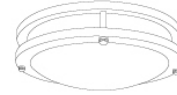


## Ceiling Mount LED Fixtures



### Darby™ Standard LED Fixtures

| CAT NO.   | SPECIFICATIONS           |
|-----------|--------------------------|
| ELD11030W | 10", 14W, 980 lm, 3000K  |
| ELD11040W | 10", 14W, 1010 lm, 4000K |
| ELD11630W | 16", 26W, 1820 lm, 3000K |
| ELD11640W | 16", 26W, 1930 lm, 4000K |



### Darby™ High Lumen LED Fixtures

| CAT NO.       | SPECIFICATIONS           |
|---------------|--------------------------|
| ELD21030W, BZ | 10", 18W, 1170 lm, 3000K |
| ELD21040W, BZ | 10", 18W, 1260 lm, 4000K |
| ELD21430W, BZ | 14", 26W, 1690 lm, 3000K |
| ELD21440W, BZ | 14", 26W, 1820 lm, 4000K |
| ELD21630W, BZ | 16", 30W, 1950 lm, 3000K |
| ELD21640W, BZ | 16", 30W, 2100 lm, 4000K |



### Dustin™ Standard LED Fixtures

| CAT NO.   | SPECIFICATIONS           |
|-----------|--------------------------|
| ELD31230W | 12", 14W, 980 lm, 3000K  |
| ELD31240W | 12", 14W, 980 lm, 4000K  |
| ELD31430W | 14", 18W, 1260 lm, 3000K |
| ELD31440W | 14", 18W, 1260 lm, 4000K |



### Dustin™ High Lumen LED Fixtures

| CAT NO.   | SPECIFICATIONS           |
|-----------|--------------------------|
| ELD32230W | 12", 22W, 1540 lm, 3000K |
| ELD32240W | 12", 22W, 1540 lm, 4000K |
| ELD32430W | 14", 26W, 1820 lm, 3000K |
| ELD32440W | 14", 26W, 1820 lm, 4000K |
| ELD32630W | 16", 30W, 2100 lm, 3000K |
| ELD32640W | 16", 30W, 2100 lm, 4000K |

\*Finishes: **W** - All White, **B** - All Black, **BZ** - All Bronze, **N** - All Nickel



# Dimmer Compatibility Chart for The Standard Poplar™ System

## ELCO Lighting

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product   | Part Number | Dimmed Light Output Range |
|--------------|---|-------------|---------------------------|
| Leviton      | SureSlide® Electro-Mechanical Incandescent Slide Dimmer, 600W, 120 VAC 60Hz, Single-Pole                            | 6631        | 8% - 100%                 |
|              | SureSlide® 600W, 120 VAC 60Hz, SureSlide Preset Electro-Mechanical Incandescent Slide Dimmer                        | 6633        | 9% - 100%                 |
|              | Trimatron Deluxe 3-Way Electro-Mechanical Incandescent Rotary Dimmer with Push ON/OFF                               | 6683-IW     | 9% - 100%                 |
|              | IllumaTech Preset Electro-Mechanical, 600W, 120VAC 60Hz, Single-Pole & 3-Way Incandescent Slide Dimmer, LED Locator | IPI06-1LZ   | 8% - 100%                 |
| Lutron       | Ariadni® 600W 3-Way Incandescent/Halogen Dimmer   | AY-603P     | 8% - 100%                 |
|              | Ariadni® C·L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Incandescent/Halogen                            | AYCL-153P   | 5% - 100%                 |
|              | Ariadni® 600W Single Pole, Magnetic Low Voltage Dimmer  | AYLV-600P   | 7% - 100%                 |
|              | Skylark Contour® Single Pole/3-Way Incandescent/Halogen or Magnetic Low Voltage, Preset Dimmer                      | CT-103P     | 6% - 100%                 |
|              | Skylark Contour® C·L, Single Pole/3-Way Dimmer. 150W Max LED/CFL or 600W Incandescent/Halogen                       | CTCL-153P   | 5% - 100%                 |
|              | Diva® Series Single Pole Dimmer   | DV-600P     | 10% - 100%                |
|              | Diva® (gloss) 3-Way, Electronic Low Voltage Dimmer  | DVELV-303P  | 5% - 100%                 |
|              | Maestro® C·L Single Pole/3-Way/Multi-Location Dimmer. 150W Max for LED/CFL, or 600W Incandescent/Halogen            | MACL-153M   | 3% - 100%                 |
|              | Maestro® (Gloss) Single Pole/Multi-Location, Electronic Low Voltage Dimmer  | MAELV-600   | 6% - 100%                 |
|              | Skylark® Series 600W Single Pole  | S-600P      | 10% - 100%                |
|              | Skylark® C·L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Incandescent/Halogen                            | SCL-153P    | 5% - 100%                 |
|              | Skylark® 300W, Single Pole, Electronic Low Voltage, Preset Dimmer   | SELV-300P   | 4% - 100%                 |

\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.