

# 6" Canless Koto™ IC New Construction Frame

IC Rated for direct contact with insulation. Easy-to-remove driver included on frame. To be used with Canless Koto™ LED Modules.



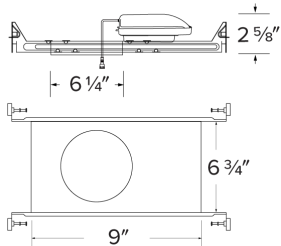
## Features

- Must be used with Canless Koto™ LED Modules
- IC Rated for direct contact with insulation
- Easy-to-remove driver included
- Driver specified for 120V (Triac/ELV) or 120/277V (0-10V/Triac/ELV)

## Specifications

|          |                 |
|----------|-----------------|
| Wattage  | 10.5W           |
| Lumens   | 950 lm          |
| Voltage  | 120/277V        |
| Dimmable | 0-10V/Triac/ELV |

## Dimensions



## Technical Details

**Construction:** IC rated for direct contact with insulation. For use in IC and Non-IC conditions.

**Installation:** High strength hanger bars can easily be nailed to joists. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

**Hanger Bars:** Pre-Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 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 easily aligning the housings with the joists.

**Electrical:** Driver is rated for 120V or 120/277V input. High Efficiency driver with a power factor > 0.95.

**Dimmability:** Option ELV/TRIAC dimming or 3 in 1 dimming: Triac, ELV and 0-10V dimming can be specified.

## Product Number

| Item        | Lumens | Watts | Voltage  | Dimming         |
|-------------|--------|-------|----------|-----------------|
| E6KCL10ICDX | 950 lm | 10.5W | 120/277V | 0-10V/Triac/ELV |

## Product Number Builder Example: E6KCL10IC-EM1

6" Canless Koto™ IC New Construction Frame

Dimming - Voltage

Optional

E6KCL10IC

Triac/ELV - 120V  
DX 0-10V/Triac/ELV -120/277V

Standard  
-EM1 EM Battery Backup



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# Dimmer Compatibility Chart

## 120V - Triac/ELV Dimmers

### For Canless Koto™ System

E2KCL10IC, E3KCL10IC, E4KCL10IC, E6KCL10IC, and EKCL10RIC

#### For Reference Only

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| Manufacturer | Product                                                                                                                               | Part Number                                   | Dimmed Light Output Range |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------|
| Leviton      | Decora SureSlide® Single Pole with Slide -to-Off                                                                                      | 6672                                          | 15% - 100%                |
|              | Leviton Dimmer                                                                                                                        | 1K3502                                        | 5% - 100%                 |
| Lutron       | Vive, 120V, 150W LED/CFL, 600W Incandescent/Halogen, FP, Single Pole/Multi-Location Dimmer, Commercial Application                    | MRF2S-6CL                                     | 12% - 91%                 |
|              | Panel Model, Commercial/Residential Application, FP                                                                                   | GP (Harrier) Card                             | 10% - 94%                 |
|              | Grafik QS/Mailbox Power Module, 120/220 to 240V AC, LED/Incandescent/Halogen Load Type, Commercial/Residential Indoor Application, FP | LQRJ-WPM-6P                                   | 10% - 95%                 |
|              | Grafik Eye 3000/HomeWorks, 120V, Incandescent/Fluorescent Load Type, Commercial/Residential Application, FP                           | HWI-WPM-6D-120                                | 10% - 95%                 |
|              | Panel Dimming Module, 120V, Commercial/Residential Application, FP                                                                    | HW/LP-RPM-4U-120                              | 10% - 95%                 |
|              | Panel Adaptive Dimming Module, 120V, Commercial/Residential Application, FP                                                           | HW/LP-RPM-4A-120                              | 9% - 95%                  |
|              | HomeWorks® QS for CFL/LED loads, 120V, RP, Commercial/Residential Application                                                         | LQSE-4A1-D/MQSE-4A1-D/<br>MQSE-3A1/MQSE-2A1-D | 8% - 95%                  |
|              | Energi Savr Node LED+ Phase Adaptive, Commercial Application, Reverse Phase, (Zone 1) (Zones 2-4)                                     | QSN-4A5-S                                     | 8% - 95%                  |
|              | RadioRA®2, 120V, 50/60-Hz, 150W LED or 600W Incandescent/Halogen, 3-Way & 4-Way, Residential Application                              | RRD-6CL                                       | 10% - 95%                 |
|              | RadioRA®3, 120V, 250W LED/CFL or 500W Incandescent/Halogen, Single Pole, Multi-Location                                               | RRST-PRO-N                                    | 10% - 95%                 |
|              | HomeWorks® QS, 120V, 60-Hz, 150W LED/CFL or 600W Incandescent/Halogen/MLV, Residential Application                                    | HQRD-6CL(H2)<br>HQRA-6CL(H2)                  | 10% - 95%                 |
|              | Homeworks QS, Residential Application, Reverse Phase                                                                                  | LQSE-4A-120-D                                 | 8% - 89%                  |
|              | HomeWorks® for LED/Incandescent/Halogen loads, Reverse Phase, (Zone 1) (Zones 2-4)                                                    | LQSE-4A5-120-D                                | 8% - 89%                  |
|              | Ariadni® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen                                                             | AYCL-153P                                     | 10% - 100%                |
|              | Skylark Contour® C-L, Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen                                                    | CTCL-153P                                     | 10% - 100%                |
|              | Skylark® C-L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen                                                             | SCL-153P                                      | 10% - 100%                |
|              | Diva® Series 150W Single Pole/3-Way Dimmer                                                                                            | DVCL-153P                                     | 10% - 100%                |
|              | Skylark Contour® Single Pole/3-Way 1000W Incandescent/Halogen                                                                         | CT-103P                                       | 10% - 100%                |

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



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| Manufacturer | Product                                                                                          | Part Number | Dimmed Light Output Range |
|--------------|--------------------------------------------------------------------------------------------------|-------------|---------------------------|
| Lutron       | Skylark® Single Pole 300W ELV Preset Dimmer                                                      | SELV-300P   | 5% - 100%                 |
|              | Skylark® Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer                              | S-600P      | 5% - 100%                 |
|              | Diva® 300W Single Pole/3-Way ELV Dimmer                                                          | DVELV-303P  | 10% - 100%                |
|              | Diva® 600W Single Pole Incandescent/Halogen Preset Dimmer                                        | DV-600P     | 5% - 100%                 |
|              | Ariadni® 600W Single Pole Magnetic Low Voltage Dimmer                                            | AYLV-600P   | 5% - 100%                 |
|              | Ariadni® 600W Single Pole/3-Way Incandescent/Halogen Dimmer                                      | AY-603P     | 5% - 100%                 |
|              | Maestro® 600W Single Pole/3-Way ELV Dimmer                                                       | MAELV-600   | 5% - 100%                 |
|              | Maestro® C-L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Max for Incandescent/Halogen | MACL-153M   | 10% - 100%                |
|              | Caséta® Wireless Dimmer                                                                          | PD-6WCL     | 10% - 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.

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# Dimmer Compatibility Chart

## 120/277V - 0-10V/Triac/ELV Dimmers

For Canless Koto™ System

E2KCL10ICDX, E3KCL10ICDX, E4KCL10ICDX, E6KCL10ICDX,  
and EKCL10RICDX

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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. **The listed values were measured under ideal conditions in a test lab. Results in the field may differ.**

| Manufacturer                              | Product                                                                                              | Part Number     | Dimmed Light Output Range |
|-------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------|---------------------------|
| <b>Triac/ELV Type Dimmers - 120V Only</b> |                                                                                                      |                 |                           |
| Lutron                                    | 120V AC, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way                               | RRD-6CL         | 1% - 100%                 |
|                                           | 120V AC 60Hz, 150W LED/CFL/Incandescent/Halogen, Single Pole, 3-Way,                                 | DVCL-153P       | 1% - 100%                 |
|                                           | 120V 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way                             | TGCL-153P       | 1% - 100%                 |
|                                           | 120V AC 60Hz, 300W Electronic Low Voltage, 3-Way, Commercial/Residential Application                 | DVELV-303P      | 1% - 100%                 |
|                                           | 120V, 600W Incandescent/Halogen, Single Pole, Residential Indoor Application                         | TG-600P         | 1% - 100%                 |
|                                           | 120V, 1000W Incandescent or 600W Magnetic Low Voltage, Single Pole, 3-Way                            | CT103P          | 1% - 100%                 |
|                                           | 120V AC 60Hz, 600W Electronic Low Voltage, Single Pole/Multi-Location,                               | MAELV600        | 1% - 100%                 |
|                                           | 120V AC 60Hz, 500W Electronic Low Voltage, Single Pole/Multi-Location,                               | FAELV500        | 1% - 100%                 |
|                                           | 120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, Slide-to-Off Dimmer                            | S-600P          | 1% - 100%                 |
|                                           | 120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way                          | SCL-153P        | 1% - 100%                 |
|                                           | Caséta® Wireless Dimmer                                                                              | PD-6WCL         | 1% - 100%                 |
|                                           | 120V AC 60Hz, Low Voltage Load Type, 150W Single Pole                                                | DVLV-600P       | 5% - 100%                 |
|                                           | 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way, Residential and Commercial Application | DV-603P         | 1% - 100%                 |
|                                           | 120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application    | MA-PRO          | 1% - 100%                 |
|                                           | 120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way,                         | MACL-153M       | 1% - 100%                 |
| Leviton                                   | 120V AC 60Hz, 300W Electronic Low Voltage, 400 Volt Amp, Single Pole, 3-Way,                         | IPE04           | 1% - 100%                 |
|                                           | 120V AC 60Hz, 300W CFL or 600W Incandescent, 400 Volt Amp, Single Pole, 3-Way,                       | 6673-10W        | 1% - 100%                 |
|                                           | 120V AC, 600W Incandescent with LED Locator, Single Pole, 3-Way                                      | VP106           | 1% - 100%                 |
|                                           | 120V AC 60Hz, 500W Incandescent with LED Level Indicator, Single Pole, 3-Way                         | 6161            | 1% - 100%                 |
|                                           | 120V AC, 150W LED/CFL or 600W Incandescent, Single Pole, 3-Way                                       | 6674            | 1% - 100%                 |
| Eaton                                     | 120V AC, 300W LED/CFL or 600W Incandescent/MLV/Halogen, Single Pole, 3-Way                           | TAL06P1-C1      | 1% - 100%                 |
| Cooper                                    | 120V AC 60Hz, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way                          | SLC03P / DAL06P | 1% - 100%                 |
|                                           | 120V AC 60Hz, 300W LED/CFL or 600W Incandescent, Single Pole, 3-Way, Residential                     | DLC03P          | 1% - 100%                 |
|                                           | 120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way,                                         | RI061-VW-K2     | 1% - 100%                 |
|                                           | 120V AC 60Hz, 300W LED/CFL/ Incandescent/Halogen, Single Pole, 3-Way                                 | AAL06A-C2       | 1% - 100%                 |
| Lightolier                                | 120V, 260W Incandescent/Halogen, Single Pole, 3-Way,                                                 | ZP260QEW        | 1% - 100%                 |

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| Manufacturer                         | Product                                                                                | Part Number | Dimmed Light Output Range |
|--------------------------------------|----------------------------------------------------------------------------------------|-------------|---------------------------|
| <b>0-10V Type Dimmers - 120/277V</b> |                                                                                        |             |                           |
| Lutron                               | 120/277V AC, 0-10V LED/CFL Ballast, Single Pole, 3-Way                                 | NFTV        | 1% - 100%                 |
|                                      | 120/277V AC, 0-10V, Single Pole, 3-Way, Commercial and Residential, Indoor Application | DVSTV       | 1% - 100%                 |
|                                      | 120/277V AC 50/60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way, Indoor Application     | DVTV        | 1% - 100%                 |
| Leviton                              | 120/277V AC 60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way                            | IP710-DL    | 1% - 100%                 |

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

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