

# 2" LED Square Baffle with 5-CCT Switch



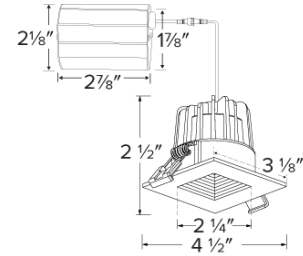
## Features

- IC rated for direct connect with insulation
- 8W
- CRI 90+
- 120V
- ETL listed
- ENERGY STAR compliant
- Dimmable Triac/ELV
- For EM Backup use KEM-ERT

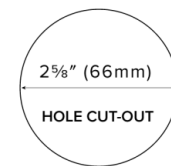
## Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Wattage</b>       | 8W                                |
| <b>Lumens</b>        | 600 lm                            |
| <b>Voltage</b>       | 120V                              |
| <b>Color Temp.</b>   | 2700K, 3000K, 3500K, 4000K, 5000K |
| <b>Dimmable</b>      | Triac/ELV                         |
| <b>Lamp Type</b>     | LED                               |
| <b>CRI</b>           | 90+                               |
| <b>Damp Location</b> | Listed                            |

## Dimensions



## Hole Cut-Out



## Product Numbers

| Item       | Lamp type | Lumens | CCT    | Watts | Voltage | Dimming   | Finish    |
|------------|-----------|--------|--------|-------|---------|-----------|-----------|
| ERT215CT5W | LED       | 600 lm | 2700K, | 8W    | 120V    | Triac/ELV | All White |
|            |           |        | 3000K, |       |         |           |           |
|            |           |        | 3500K, |       |         |           |           |
|            |           |        | 4000K, |       |         |           |           |
|            |           |        | 5000K  |       |         |           |           |

**Product Number Builder** Example: **ERT215CT5W**

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LED Square Baffle

Color Temperature

Finish

**ERT215**

**CT5** 2700K-5000K

**W** All White

# Compatible Products

For use with 2" Elm™ System Downlights

## 2" Elm™ New Construction Frames

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New Construction Frame for Slim Panels  
**Single Cutout**



New Construction Frame for Slim Panels  
**Multiple Cutout**



Universal Frame for 2", 4" and 6"  
**New Construction**

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E2LF1   | 2" Frame       |

| CAT NO.  | SPECIFICATIONS |
|----------|----------------|
| E2LF1-M2 | 2 Set          |
| E2LF1-M3 | 3 Set          |
| E2LF1-M4 | 4 Set          |
| E2LF1-M5 | 5 Set          |

| CAT NO. | SPECIFICATIONS    |
|---------|-------------------|
| E246LF1 | For 2", 4" and 6" |

## 2" Elm™ Accessories

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Extension Cords

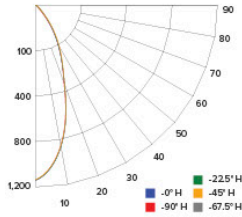
| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| ECNE10  | 10" Long       |
| ECNE11  | 10' Ft Long    |

# Photometric Report

## 2" LED Square Baffle with 5-CCT Switch

### PHOTOMETRIC REPORT

Product #: ERT215CT5 @2700K  
Wattage / Lumens: 7.61W / 504.6 lm  
Luminaire LPW: 66 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1162 |
| 5               | 1076 |
| 15              | 631  |
| 25              | 194  |
| 35              | 54   |
| 45              | 28   |
| 55              | 18   |
| 65              | 13   |
| 75              | 7    |
| 85              | 1    |
| 90              | 0    |

### ILLUMINANCE AT A DISTANCE

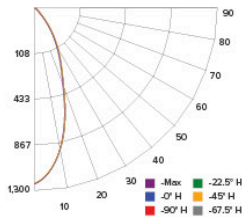
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 72.6                    | 2.4'          |
| 6'                       | 32.3                    | 3.6'          |
| 8'                       | 18.2                    | 4.8'          |
| 10'                      | 11.6                    | 6.1'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 397.9  | 78.9       |
| 0-40° | 441.6  | 87.6       |
| 0-60° | 482.2  | 95.6       |
| 0-90° | 504.3  | 100        |

### PHOTOMETRIC REPORT

Product #: ERT215CT5 @3000K  
Wattage / Lumens: 7.53W / 533.6 lm  
Luminaire LPW: 70.8 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1221 |
| 5               | 1144 |
| 15              | 679  |
| 25              | 214  |
| 35              | 58   |
| 45              | 30   |
| 55              | 20   |
| 65              | 14   |
| 75              | 7    |
| 85              | 1    |
| 90              | 0    |

### ILLUMINANCE AT A DISTANCE

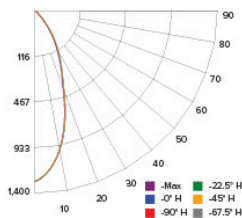
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 76.3                    | 2.4'          |
| 6'                       | 33.9                    | 3.7'          |
| 8'                       | 19.1                    | 4.9'          |
| 10'                      | 12.2                    | 6.1'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 420.8  | 78.9       |
| 0-40° | 467.1  | 87.6       |
| 0-60° | 510.0  | 95.6       |
| 0-90° | 533.3  | 100        |

### PHOTOMETRIC REPORT

Product #: ERT215CT5 @3500K  
Wattage / Lumens: 7.4W / 575.8 lm  
Luminaire LPW: 77.8 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1306 |
| 5               | 1245 |
| 15              | 753  |
| 25              | 240  |
| 35              | 64   |
| 45              | 33   |
| 55              | 21   |
| 65              | 15   |
| 75              | 8    |
| 85              | 2    |
| 90              | 0    |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 81.6                    | 2.5'          |
| 6'                       | 36.3                    | 3.7'          |
| 8'                       | 20.4                    | 4.9'          |
| 10'                      | 13.1                    | 6.2'          |

### ZONAL LUMEN SUMMARY

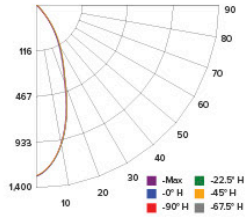
| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 453.6  | 78.8       |
| 0-40° | 503.7  | 87.5       |
| 0-60° | 550.2  | 95.6       |
| 0-90° | 575.5  | 100        |

# Photometric Report

## 2" LED Square Baffle with 5-CCT Switch

### PHOTOMETRIC REPORT

Product #: ERT215CT5 @4000K  
 Wattage / Lumens: 7.4W / 596.5 lm  
 Luminaire LPW: 80.6 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 1342 |
| 5                | 1294 |
| 15               | 791  |
| 25               | 253  |
| 35               | 67   |
| 45               | 34   |
| 55               | 22   |
| 65               | 15   |
| 75               | 8    |
| 85               | 2    |
| 90               | 0    |

### ILLUMINANCE AT A DISTANCE

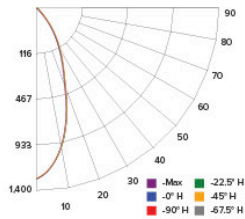
| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 83.9                    | 2.5'          |
| 6'                       | 37.3                    | 3.7'          |
| 8'                       | 21.0                    | 4.9'          |
| 10'                      | 13.4                    | 6.2'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 469.4  | 78.7       |
| 0-40° | 521.4  | 87.5       |
| 0-60° | 569.9  | 95.6       |
| 0-90° | 596.2  | 100        |

### PHOTOMETRIC REPORT

Product #: ERT215CT5 @5000K  
 Wattage / Lumens: 7.54W / 599.5 lm  
 Luminaire LPW: 79.5 lm/W



### CANDLE POWER SUMMARY

| Degress Vertical | 0°   |
|------------------|------|
| 0                | 1336 |
| 5                | 1309 |
| 15               | 816  |
| 25               | 268  |
| 35               | 70   |
| 45               | 35   |
| 55               | 22   |
| 65               | 16   |
| 75               | 8    |
| 85               | 2    |
| 90               | 0    |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 83.5                    | 2.5'          |
| 6'                       | 37.1                    | 3.7'          |
| 8'                       | 20.9                    | 5.0'          |
| 10'                      | 13.4                    | 6.2'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 470.9  | 78.6       |
| 0-40° | 523.7  | 87.4       |
| 0-60° | 572.6  | 95.6       |
| 0-90° | 599.2  | 100        |



**ELCO Lighting**

# Dimmer Compatibility Chart Elm™ System High Lumen LED Downlights

For ERT215, ERT218, ERT318, ERT411, ERT412, ERT416, ERT425  
ERT611, ERT612Series, ERT2HL08CT5, ERT2HL10CT5, and ERT4L10CT5

## 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 |
|--------------|---|-------------|---------------------------|
| Lutron       | Ariadni, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way   | AYCL-153P   | 10% - 100%                |
|              | Diva, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way  | DV-600PR    | 1% - 100%                 |
|              | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way   | DVCL-153P   | 10% - 100%                |
|              | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way   | MACL-153M   | 10% - 100%                |
|              | Nova, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way  | D-600P      | 10% - 100%                |
|              | Nova, 120V AC, 300W Load Rating, Single Pole, 3-Way, Residential/Commercial Application                                     | NTELV-300P  | 10% - 100%                |
|              | Skylark, Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer   | S-600P      | 10% - 100%                |
|              | Skylark Contour, 120V, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way  | CT-600P     | 1% - 100%                 |
|              | Skylark, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way  | CTCL-153P   | 10% - 100%                |
|              | Toggler, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way   | TG-600P     | 10% - 100%                |
|              | Toggler, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way   | TGCL-153P   | 10% - 100%                |
| Leviton      | SureSlide, 120V AC 60Hz, 600W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing            | 6633        | 10% - 100%                |
|              | SureSlide Decora, 120V AC, 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way, Commercial Application                | 6674        | 20% - 100%                |
|              | Trimatron, 120V AC, 60Hz, 600W Incandescent, Single Pole, 3-Way,  | 6602        | 20% - 100%                |
|              | ILLUMATECH Universal, 120V AC 60Hz, 150W LED/CFL, 600W Incandescent, Single Pole, 3-Way, Residential/Commercial Application | IPL06       | 1% - 100%                 |
| Legrand      | Adorne Kit, 120V, 700W Load Rating, Single Pole, 3-Way  | ADTP703TU   | 20% - 100%                |
|              | Harmony, 120V, 700W Incandescent, Single Pole, 3-Way  | H703PTW     | 10% - 100%                |
| Cooper       | Aspire, 120V AC, 300W/600W Load Rating, Single Pole, 3-Way, Architectural Application                                       | 9540        | 10% - 100%                |
|              | Devine, 120V AC, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way  | DAL06P      | 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.

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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