

3" LED

REMODEL ADJUSTABLE DOWNLIGHT

Our ELEMENT 3" LED Adjustable Remodel is suited for any remodel below the ceiling installation while offering a full complement of aiming features for precision performance. Available in two shapes, square and round. Also available as a fixed downlight.

- 0-30° tilt and 361° rotation in only a 5.75" deep housing
- Trims are die cast aluminum and match ELEMENT 3" LED series
- Lensed and shower aperture includes Solite™ soft focus lens
- Includes integral junction box on 6" whip approved for branch circuit through wiring
- LED module and optics are modular for ease of replacement

SPECIFICATIONS

| | HIGH OUTPUT (AT 3000K) | | LOW OUTPUT (AT 3000K) | | WARM DIM HIGH LOW | |
|--------------------|---|------|--------------------------|------|----------------------|-----|
| | | | | | | |
| DELIVERED LUMENS | 1811 | 1476 | 1319 | 1124 | 1320 | 900 |
| WATTS | 18 | 18 | 12 | 12 | 18 | 12 |
| EFFICACY | 100 | 82 | 110 | 94 | 73 | 75 |
| CRI | 80+ | 90+ | 80+ | 90+ | 90+ | 90+ |
| CBCP | 15° - 5618; 25° - 3856; 40° - 1575 | | | | | |
| CCT OPTIONS | 2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)*** | | | | | |
| VOLTAGE | 120V or 277V | | | | | |
| DIMMING* | TRIAC, ELV, 0-10V | | | | | |
| POWER SUPPLY | Constant current driver with +.9 power factor and +80% efficiency | | | | | |
| OPTICS | Field Changeable: 10°, 15°, 25°, 40° TIR | | | | | |
| ADJUSTABILITY | Lockable hot aiming: 0-30° tilt, 355° rotation | | | | | |
| CEILING APPEARANCE | Flanged (accommodates up to 1" drywall ceiling thickness) | | | | | |
| CEILING APERTURE | 3-7/8" | | | | | |
| HOUSING | Non-IC Airtight | | | | | |
| CONSTRUCTION | Mechanism: Aluminum Trims: Die-cast aluminum | | | | | |
| FINISH | Mechanism: Matte black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable) | | | | | |
| GENERAL LISTING | ETL listed. Damp listed. Shower version wet listed. | | | | | |
| LED LIFETIME | L70; 50,000 hours | | | | | |
| WARRANTY** | 5 years | | | | | |



shown in flanged bevel round white

Installation

- Use standard 3-7/8" hole saw or 3-7/8" cut-out (template included) for flanged trims.
- Set screws engage with expanding collar for robust mounting within the ceiling cut-out

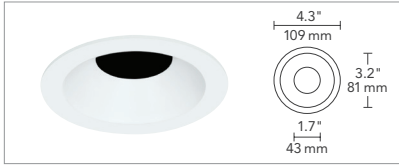
*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

**Visit ELEMENT-lighting.com for specific warranty limitations and details.

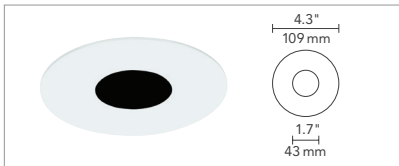
***Warm color dimming not available with 10° optics.

TRIMS

ROUND

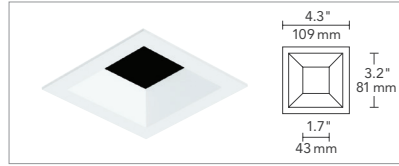


FLANGED BEVEL



FLANGED FLAT

SQUARE

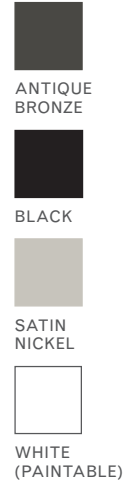


FLANGED BEVEL

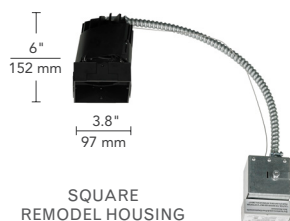
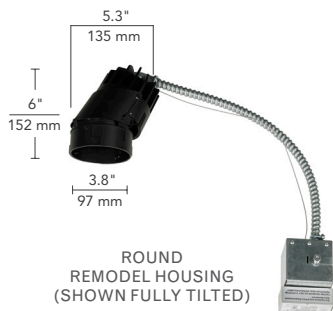


FLANGED FLAT

FINISH



3" HOUSING



Due to the brittle nature of drywall, extra care and consideration must be taken when determining whether to install the flangeless remodel trims in drywall applications to avoid chipping. If this is not feasible, we recommend using the flanged trims.

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GRIDS

HOUSING

| PRODUCT SERIES | CEILING APPEARANCE | LAMP | BEAM SPREAD | FUNCTION | HOUSING RATING | DRIVER | VOLTAGE |
|-----------------------|--------------------|--------|---|----------|----------------|---------------------------------------|------------------------|
| E3R ELEMENT 3" ROUND | RF REMODEL FLANGED | -LH827 | CITIZEN 80 CRI, 2700K, HIGH OUTPUT | 0 | 10° (CITIZEN)* | STANDARD ELV/ LUMENETIX (LEAVE BLANK) | 120 VOLT (LEAVE BLANK) |
| | | -LH830 | CITIZEN 80 CRI, 3000K, HIGH OUTPUT | 1 | 15° (CITIZEN) | | 277 VOLT |
| E3S ELEMENT 3" SQUARE | RF | -LH835 | CITIZEN 80 CRI, 3500K, HIGH OUTPUT | 2 | 25° (CITIZEN) | 0-10V DIMMING | -277 |
| | | -LH927 | CITIZEN 90 CRI, 2700K, HIGH OUTPUT | 4 | 40° (CITIZEN) | | |
| | | -LH930 | CITIZEN 90 CRI, 3000K, HIGH OUTPUT | | | | |
| | | -LH935 | CITIZEN 90 CRI, 3500K, HIGH OUTPUT | | | | |
| | | -LO827 | CITIZEN 80 CRI, 2700K, LOW OUTPUT | | | | |
| | | -LO830 | CITIZEN 80 CRI, 3000K, LOW OUTPUT | | | | |
| | | -LO835 | CITIZEN 80 CRI, 3500K, LOW OUTPUT | | | | |
| | | -LO927 | CITIZEN 90 CRI, 2700K, LOW OUTPUT | | | | |
| | | -LO930 | CITIZEN 90 CRI, 3000K, LOW OUTPUT | | | | |
| | | -LO935 | CITIZEN 90 CRI, 3500K, LOW OUTPUT | | | | |
| | | -LHWD | CITIZEN 90 CRI WARM DIM 3000-1800K, HIGH OUTPUT | | | | |
| | | -LOWD | CITIZEN 90 CRI WARM DIM 3000-1800K, LOW OUTPUT | | | | |

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY. *NOTE: 10° OPTIC HAS A UNIQUE LED MODULE NOT AVAILABLE WITH WARM DIM. CHANGING OPTICS TO 15°, 25°, OR 40° WILL REQUIRE A NEW LED MODULE.

TRIM

| PRODUCT SERIES | CEILING APPEARANCE | STYLE | APERTURE | FINISH |
|-----------------------|--------------------|---------|------------|------------------|
| E3R ELEMENT 3" ROUND | F FLANGED | B BEVEL | -O NO LENS | Z ANTIQUE BRONZE |
| E3S ELEMENT 3" SQUARE | F FLANGED | F FLAT | -H SHOWER | B BLACK |
| | | | -L LENSED | S SATIN NICKEL |
| | | | | W WHITE |

REPLACEMENT OPTICS

| | BEAM SPREAD |
|-------------|-------------|
| 353LEDHIOPT | 15 15° |
| | 25 25° |
| | 40 40° |
| 353LEDHIOPT | |

PROJECT INFO

| FIXTURE TYPE & QUANTITY | JOB NAME & INFO | NOTES |
|-------------------------|-----------------|-------|
| | | |
| | | |

ELEMENT
by Tech Lighting®

GENERATION BRANDS
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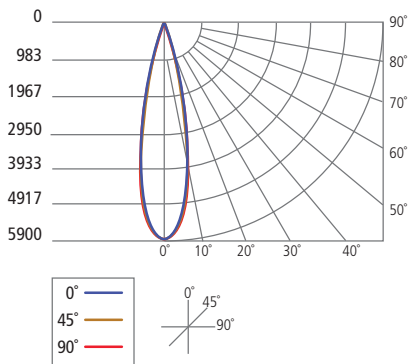
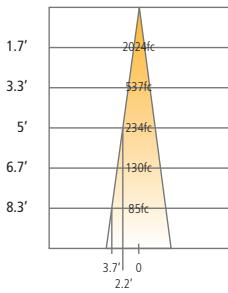
PHOTOMETRICS: 3" LED

DESCRIPTION: 3" LED Module
15° Beam - 0° Tilt, 3000K

MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.1
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1598*
LUMEN EFFICACY (LUMENS PER WATT): 88.1

| ANGLE | 0° | 45° | 90° |
|-------|------|------|------|
| 0° | 5848 | 5848 | 5848 |
| 5° | 5500 | 5478 | 5491 |
| 10° | 3919 | 3944 | 3905 |
| 15° | 2103 | 2212 | 2149 |
| 20° | 1058 | 1199 | 1075 |
| 25° | 507 | 548 | 508 |
| 30° | 250 | 237 | 250 |
| 35° | 148 | 140 | 141 |
| 40° | 93 | 98 | 94 |
| 45° | 51 | 69 | 61 |
| 50° | 33 | 46 | 37 |
| 55° | 21 | 27 | 24 |
| 60° | 4 | 15 | 10 |
| 65° | 2 | 3 | 2 |
| 70° | 2 | 2 | 2 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

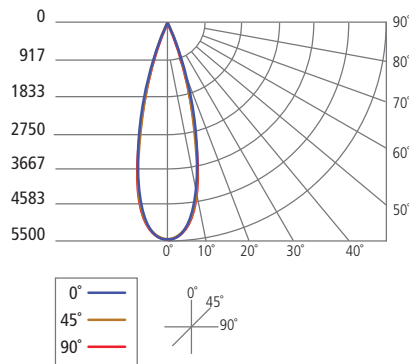
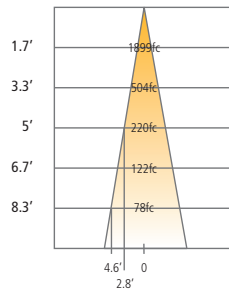


DESCRIPTION: 3" LED Module
25° Beam - 0° Tilt, 3000K

MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.3
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1754*
LUMEN EFFICACY (LUMENS PER WATT): 95.5

| ANGLE | 0° | 45° | 90° |
|-------|------|------|------|
| 0° | 5422 | 5416 | 5427 |
| 5° | 4916 | 4872 | 4888 |
| 10° | 3800 | 3718 | 3721 |
| 15° | 2040 | 2115 | 2016 |
| 20° | 870 | 979 | 900 |
| 25° | 400 | 441 | 414 |
| 30° | 190 | 190 | 196 |
| 35° | 103 | 103 | 105 |
| 40° | 60 | 65 | 61 |
| 45° | 27 | 43 | 31 |
| 50° | 16 | 25 | 17 |
| 55° | 7 | 12 | 7 |
| 60° | 2 | 5 | 2 |
| 65° | 2 | 2 | 2 |
| 70° | 1 | 1 | 2 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

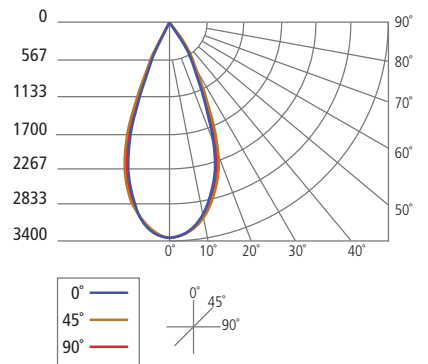
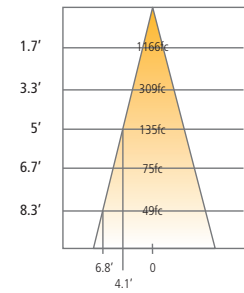


DESCRIPTION: 3" LED Module
40° Beam - 0° Tilt, 3000K

MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.1
INPUT POWER FACTOR: 0.97
ABSOLUTE LUMINOUS FLUX (LUMENS): 1811*
LUMEN EFFICACY (LUMENS PER WATT): 100.1

| ANGLE | 0° | 45° | 90° |
|-------|------|------|------|
| 0° | 3369 | 3369 | 3369 |
| 5° | 3269 | 3245 | 3250 |
| 10° | 3006 | 2955 | 2962 |
| 15° | 2597 | 2550 | 2541 |
| 20° | 2046 | 2013 | 1999 |
| 25° | 1161 | 1206 | 1151 |
| 30° | 498 | 519 | 492 |
| 35° | 219 | 212 | 205 |
| 40° | 110 | 112 | 103 |
| 45° | 60 | 64 | 52 |
| 50° | 24 | 37 | 21 |
| 55° | 13 | 20 | 10 |
| 60° | 4 | 9 | 3 |
| 65° | 2 | 3 | 2 |
| 70° | 1 | 2 | 1 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |



*For 90 CRI values, multiply by 0.8.