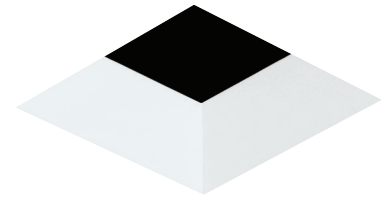


ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

The ELEMENT 3" Next Generation Adjustable recessed downlight features full adjustability with lockable, tool-free, hot aiming. ELEMENT's patented high/low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher in the ceiling to minimize glare and flash on the trim. Options include premium Warm Dimming, Tunable White, Xicato and Xicato Artist Series LED modules. Trim options include Flanged or Flangeless and Flangeless in Wood Ceiling.

- Housing reduced by 60%
- Tool-free aiming/locking: 0-40° tilt, 361° rotation
- Patented high/low lamp positioning
- 2-step standard
- Standard phase dimming down to 1%
- Trims reflector options
- Solite Soft Focus lens option

LUMEN MULTIPLIER (CRI/CCT)

| CCT | 80 CRI MULTIPLIER | 90 CRI MULTIPLIER |
|-------|-------------------|-------------------|
| 2700K | 0.95 | 0.80 |
| 3000K | 1.00 | 0.85 |
| 3500K | 1.05 | 0.90 |

Lumen output will vary by CCT and CRI. See photometric charts for output information.

SPECIFICATIONS

| | STATIC WHITE | | XICATO | | WARM DIM | | TUNABLE WHITE | |
|-----------------------|--|------------|--|---------------|---|------------|--------------------------------------|---------------------|
| | HIGH OUTPUT | LOW OUTPUT | STANDARD SERIES | ARTIST SERIES | HIGH OUTPUT | LOW OUTPUT | HIGH OUTPUT (5000K) | HIGH OUTPUT (4000K) |
| DELIVERED LUMENS | 1800/1450 | 1319/1124 | 1129 | 945 | 1300 | 900 | 1272 | 1150 |
| WATTS | 17 | 12 | 15 | 15 | 17 | 12 | 18 | 18 |
| EFFICACY | 106/85 | 110/94 | 75 | 63 | 76 | 75 | 72 | 64 |
| CRI | 80+/90+ | | 80+ | 95+ | 90+ | | 90+ | |
| CBCP | 10° - 19,414 18° - 5,848 25° - 5,416 40° - 3,230 60° - 2,305 | | 21° - 3,184 43° - 2,733 60° - 1,014 | | 18° - N/A 25° - N/A 40° - 1,622 60° - N/A | | | |
| CCT OPTIONS | 2700K, 3000K or 3500K | | 2700K, 3000K or 3500K ³ | | 3000K - 1800K | | 5000K - 2700K | 4000K - 1800K |
| COLOR CONSISTENCY | 2-step | | 1 X 2-step | | 3-step | | 2-step | |
| VOLTAGE | 120V or 277V | | | | | | | |
| DIMMING ¹ | Standard phase and 0-10V dimming (down to 1%) Lutron Hi-lume EcoSystem (down to 0.1%) Lutron Hi-lume 2-Wire (down to 1%) eldoLED 0-10V or Dali (down to 0.1%) | | | | | | eldoLED 0-10V or Dali (down to 0.1%) | |
| POWER SUPPLY | Constant current driver with +.9 power factor and +80% efficiency | | | | | | | |
| OPTICS | Field changeable: 10°, 18°, 25°, 40°, 60° TIR | | Field changeable: 21°, 43°, 60° Reflector | | Field changeable: 18°, 25°, 40°, 60° TIR | | | |
| ADJUSTABILITY | Lockable, hot-aiming 0-40° tilt, 361° rotation, high/low lamp positioning, 45° collar rotation | | | | | | | |
| CEILING APPEARANCE | Flanged, Flangeless or Flangeless in Wood Ceiling | | | | | | | |
| CEILING THICKNESS | Flanged: Up to 2-1/2" Flangeless: No ceiling thickness limitations Flangeless in Wood Ceiling: 1/2" to 2" Note: Thicker ceilings impact light cutoff | | | | | | | |
| CEILING APERTURE | 3-7/8" ceiling cutout | | | | | | | |
| HOUSING | IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation. Sauna/Steam-room use available only with combination of H Shower trim, LO Low Output housing, and I IC housing rating. | | | | | | | |
| CONSTRUCTION | Housing: Heavy-Gauge, Cold-Rolled Steel Trim: Die-Cast Aluminum | | | | | | | |
| FINISH | Housing: Black Powder Coat Trim: Antique Bronze, Black, Satin Nickel, White (paintable) | | | | | | | |
| GENERAL LISTING | ETL listed. Damp listed. Shower version Wet listed. | | | | | | | |
| CALIFORNIA TITLE 24 | Registered CEC Appliance Database. Can be used to comply with CEC 2019 Title 24 part 6 (JA8-2016, JA8-2019) (for 90 CRI versions). | | | | | | | |
| L70 | 50,000 hours min | | | | | | | |
| WARRANTY ² | 5 years | | | | | | | |

Data in chart reflect 3000K/80 CRI values unless noted.
Custom Output/Custom RAL/Custom CCT available. Contact Quotes Department

Ordering grids available on page 2.

Accepts two optical controls and an optional trim-mounted lens.

¹See ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

³3500K Xicato module not available for Artist series.

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

| PRODUCT | CEILING APPEARANCE | OUTPUT | CRI/CCT | BEAM SPREAD | FUNCTION | HOUSING RATING | DRIVER |
|------------------------------|-------------------------------------|---|---|---------------------------|---------------------|--|---|
| E3R ELEMENT 3" ROUND | LF FLANGELESS | -LH HIGH OUTPUT, 17W ² | 827 80 CRI, 2700K, 2-STEP | 0 10° ⁵ | A ADJUSTABLE | I IC AIRTIGHT | INTEGRATED DRIVERS 120V/277V |
| | FF FLANGED | -LO LOW OUTPUT, 12W ³ | 830 80 CRI, 3000K, 2-STEP | 1 18° | | N NON-IC AIRTIGHT | UNIVERSAL PHASE/0-10V 1% (LEAVE BLANK) |
| E3S ELEMENT 3" SQUARE | WC WOOD CEILING ¹ | | 835 80 CRI, 3500K, 2-STEP | 2 25° | | C CHICAGO PLENUM | |
| | | | 927 90 CRI, 2700K, 2-STEP | 4 40° | | E EMERGENCY | -ELDO ELDOLED 0.1% 0-10V LINEAR ⁶ |
| | | | 930 90 CRI, 3000K, 2-STEP | 6 60° | | BATTERY (NON-IC / CHICAGO PLENUM) | -ELDOA ELDOLED 0.1% 0-10V LOGARITHMIC ⁶ |
| | | | 935 90 CRI, 3500K, 2-STEP | | | | -ELDD ELDOLED 0.1% DALI ⁶ |
| | | | WD 90 CRI, 3000-1800K, WARM DIM, 3-STEP | | | | -ELTO ELDOLED TUNABLE WHITE 0.1% 0-10V LINEAR ^{4,6} |
| | | | TW52 90 CRI, 5000K-2700K, TUNABLE WHITE, 2-STEP ⁴ | | | | -ELTD ELDOLED TUNABLE WHITE 0.1% DALI ^{4,6} |
| | | | TW41 90 CRI, 4000K-1800K, TUNABLE WHITE, 2-STEP ⁴ | | | | -HLECO LUTRON HI-LUME 0.1% ECOSYSTEM |
| | | | | | | | INTEGRATED DRIVERS 120V |
| | | | | | | | -HL2W LUTRON HI-LUME 1% 2-WIRE ⁶ |
| | | -X XICATO, HIGH OUTPUT, 14W ⁷ | I27 80 CRI, 2700K, 1X2-STEP, XICATO | 21 21° XICATO | | | |
| | | | I30 80 CRI, 3000K, 1X2-STEP, XICATO | 43 43° XICATO | | | |
| | | | I35 80 CRI, 3500K, 1X2-STEP, XICATO | 60 60° XICATO | | | |
| | | | A27 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST | | | | |
| | | | A30 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST | | | | |
| | | | | | A | | |

Trims are required and must be ordered separately.

For dimming details, refer to Dimmer Compatibility Chart.

¹WC - Wood Ceiling option accommodates Flangeless trims only.

²LH - High Output available for Wet applications. Not rated for Sauna/Steam-room.

³LO - Sauna/Steam-room use available only with combination of H Shower trim, LO Low Output housing, and I IC housing rating.

⁴TW52/TW41/ELTO/ELTD - Tunable White only available in High Output, only available with ELTO (0-10V, linear), or ELTD (Dali). For 0-10V logarithmic dimming consult Quotes Department.

⁵0 - 10° optic has a unique LED module not available with Warm Dim or Tunable White. Changing optics to 18°, 25°, 40° or 60°, will require a new LED module.

⁶Lutron Hi-lume and eldoLED drivers not compatible with Round Flangeless (E3RLF) or Round Wood Ceiling (E3RWC) housings.

⁷X - XICATO housings utilize dedicated Standard Phase, 0-10V, 120V and 277V drivers. If ordering Xicato with Standard Drivers (non-Lutron or eldoLED), at the end of the item number please specify:

-010 for 0-10V 120V, **-277** for Phase 277V or **-010-277** for 0-10V 277. For example: E3RLF-XA2743DI-**010** or E3RLF-XA2743DI-**277** or E3RLF-XA2743DI-**010-277**.

TRIM

| PRODUCT | CEILING APPEARANCE | STYLE | APERTURE | FINISH |
|------------------------------|--|----------------|-------------------------------|-------------------------|
| E3R ELEMENT 3" ROUND | L FLANGELESS | B BEVEL | -O NO LENS | Z ANTIQUE BRONZE |
| E3S ELEMENT 3" SQUARE | F FLANGED UP TO 1" CEILING THICKNESS | F FLAT | -H SHOWER ¹ | B BLACK |
| | F15 FLANGED 1.1"-1.5" CEILING THICKNESS | | -L LENSED | S SATIN NICKEL |
| | F20 FLANGED 1.6"-2.0" CEILING THICKNESS | | | W WHITE |
| | F25 FLANGED 2.1"-2.5" CEILING THICKNESS | | | |
| | | | | |

Wood Ceiling option accommodates Flangeless trims only.

¹H - Sauna/Steam-room use available only with combination of H Shower trim, LO Output housing, and I IC housing rating.

WALL WASH TRIM¹

| PRODUCT | CEILING APPEARANCE | STYLE | APERTURE | LED |
|------------------------------|---------------------|--------------------|--------------------------|-------------|
| E3R ELEMENT 3" ROUND | L FLANGELESS | W WALL WASH | -Z ANTIQUE BRONZE | -LED |
| E3S ELEMENT 3" SQUARE | F FLANGED | | -B BLACK | |
| | | | -S SATIN NICKEL | |
| | | | -W WHITE | |
| | | W | - | -LED |

¹Wall Wash Trims may be used to convert the ELEMENT Adjustable Housing to a Wall Wash.

For dedicated Wall Wash Housings, refer to the ELEMENT 3" Wall Wash Specification Sheet

REPLACEMENT OPTICS

| PRODUCT | BEAM SPREAD |
|---------------------|---------------|
| 353E4LEDCOPT | 18 18° |
| | 25 25° |
| | 40 40° |
| | 60 60° |
| 353E4LEDCOPT | |

REPLACEMENT REFLECTORS¹

| PRODUCT | BEAM SPREAD |
|-------------------|---------------|
| 352LEDXREF | 21 21° |
| | 43 43° |
| | 60 60° |
| 352LEDXREF | |

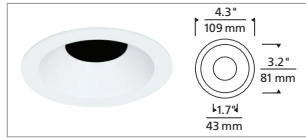
¹For use with Xicato modules only.

ELEMENT™ 3" LED

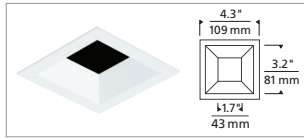
ADJUSTABLE DOWNLIGHT

TRIMS

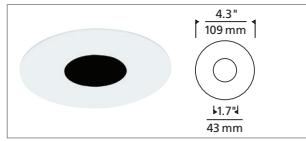
FLANGED



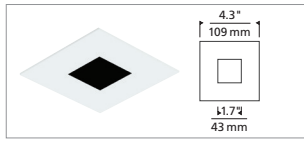
ROUND BEVEL



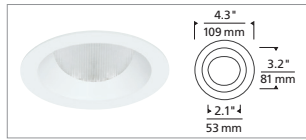
SQUARE BEVEL



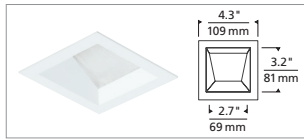
ROUND FLAT



SQUARE FLAT

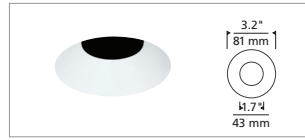


ROUND WALL WASH

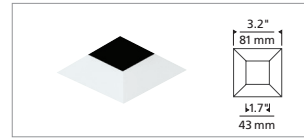


SQUARE WALL WASH

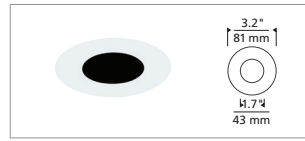
FLANGELESS



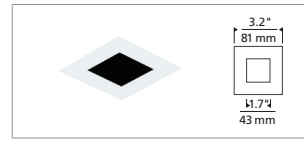
ROUND BEVEL



SQUARE BEVEL



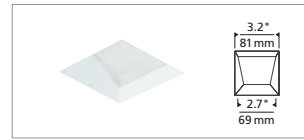
ROUND FLAT



SQUARE FLAT



ROUND WALL WASH



SQUARE WALL WASH

FINISH



ANTIQUE BRONZE



BLACK

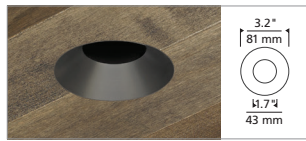


SATIN NICKEL

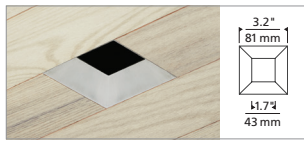


WHITE (PAINTABLE)

FLANGELESS IN WOOD CEILING



ROUND BEVEL (ANTIQUE BRONZE)



SQUARE BEVEL (SATIN NICKEL)



ROUND FLAT (ANTIQUE BRONZE)



SQUARE FLAT (SATIN NICKEL)



ROUND WALL WASH (ANTIQUE BRONZE)



SQUARE WALL WASH (SATIN NICKEL)

LENS OPTION

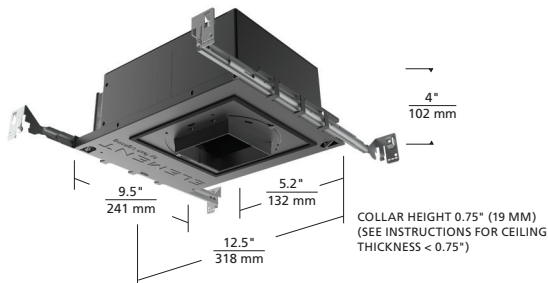


SHOWN WITH AND WITHOUT A LENS (SQUARE FLANGED BEVEL)

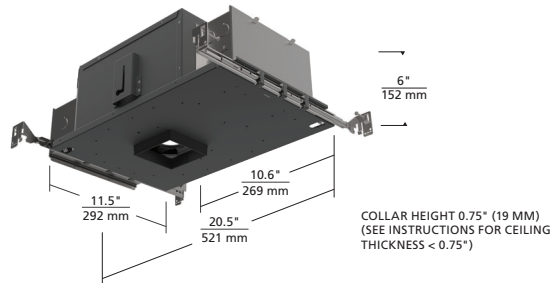


SHOWN WITH AND WITHOUT A LENS (ROUND FLANGELESS BEVEL)

HOUSING



IC AIRTIGHT / NON-IC AIRTIGHT / CHICAGO PLENUM

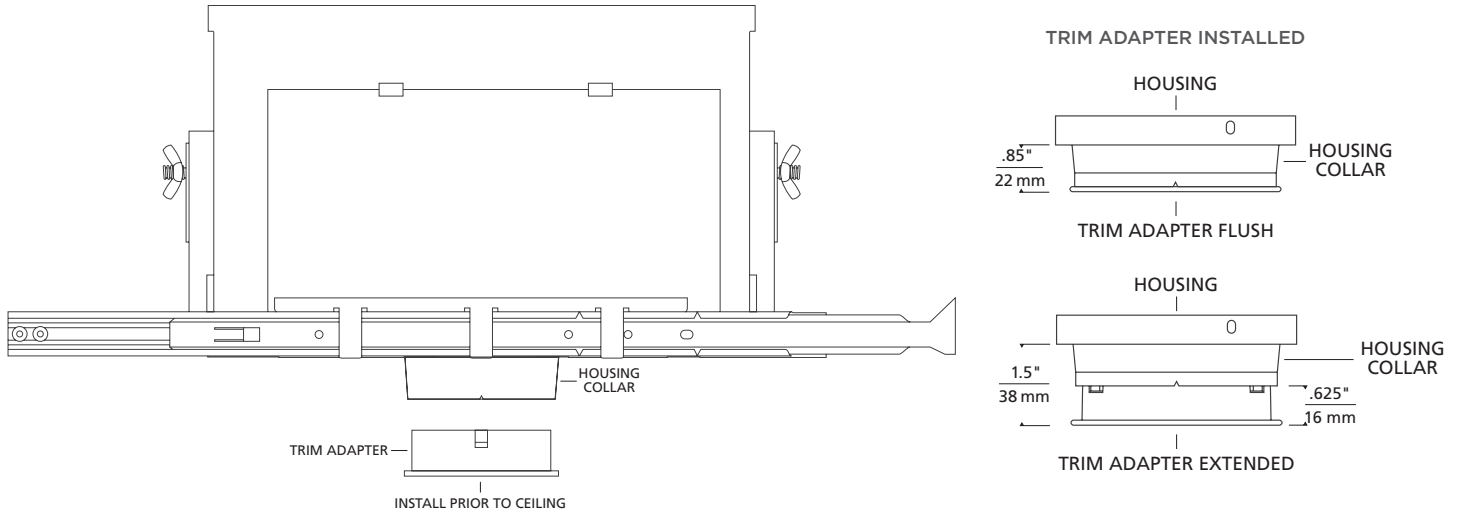


EMERGENCY BATTERY (NON-IC AIRTIGHT / CHICAGO PLENUM)

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

ADJUSTABLE TRIM ADAPTER



Wood Ceiling housings (“WC” designation in the ordering grid) ship with an adjustable trim adapter that inserts into the housing aperture and allows standard ELEMENT 3” Flangeless trims to achieve a truly flangeless, flush ceiling appearance in special applications such as wood or stone installation. For use in new construction. Consult installation instructions regarding plenum requirements and ceiling thickness ratios.

























ELEMENT™ 3" LED ADJUSTABLE DOWNLIGHT

TRIM-MOUNTED REFLECTORS

ELEMENT Specular Reflectors reduce glare while creating a clean, quiet ceiling appearance. Available finishes include Anodized Gold and Silver for a decorative accent or Anodized Black for an ultimate quiet ceiling aesthetic. These beautiful trim accessories have been specifically designed to minimize any effect on light performance, color, and output. Specular Reflectors are available for both Adjustable and Fixed downlights, and are compatible with ELEMENT 3" trims and housings.

- Can be easily installed or removed
- Assembles to existing trim
- Compatible with Fixed and Adjustable Housings
- Finish Options: Anodized Gold (G), Anodized Black (B) or Anodized Silver (S)

SPECIFICATIONS

| COMPATIBLE TRIMS | NON-SLOTTED (FOR FIXED ¹) | SLOTTED (FOR ADJUSTABLE) |
|--|---|--|
|  3" round, flanged, bevel |  E3TREFNS1 (B, G, S) |  E3TREFS4 (B, G, S) |
|  3" square, flanged, bevel |  E3TREFNS5 (B, G, S) |  E3TREFS1 (B, G, S) |
|  3" round, flanged, flat |  E3TREFNS1 (B, G, S) |  E3TREFS4 (B, G, S) |
|  3" square, flanged, flat |  E3TREFNS3 (B, G, S) |  E3TREFS2 (B, G, S) |
|  3" round, flangeless, bevel |  E3TREFNS2 (B, G, S) |  E3TREFS6 (B, G, S) |
|  3" square, flangeless, bevel |  E3TREFNS6 (B, G, S) |  E3TREFS5 (B, G, S) |
|  3" round, flangeless, flat |  E3TREFNS4 (B, G, S) |  E3TREFS3 (B, G, S) |
|  3" square, flangeless, flat |  E3TREFNS3 (B, G, S) |  E3TREFS2 (B, G, S) |

May require lamp to be placed in high position.
Not compatible with lensed trims.

¹Non-slotted Reflectors may be used in Adjustable Housings with the lamp assembly placed in the 0° tilt position.

ORDERING GRID

E3 TRIM-MOUNTED REFLECTORS

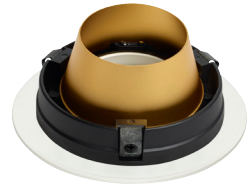
| PRODUCT | STYLE | FINISH |
|---------------|------------------------|--------------------------|
| E3TREF | NS1 NON-SLOTTED | B ANODIZED BLACK |
| | NS2 NON-SLOTTED | G ANODIZED GOLD |
| | NS3 NON-SLOTTED | S ANODIZED SILVER |
| | NS4 NON-SLOTTED | |
| | NS5 NON-SLOTTED | |
| | NS6 NON-SLOTTED | |
| | S1 SLOTTED | |
| | S2 SLOTTED | |
| | S3 SLOTTED | |
| | S4 SLOTTED | |
| | S5 SLOTTED | |
| | S6 SLOTTED | |

E3TREF

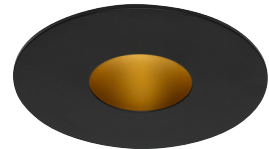
Reflectors are placed on top of the inside of the trim or affixed via screws (only if provided).



SHOWN IN ANODIZED BLACK
(REFLECTOR ONLY)



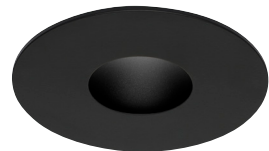
SHOWN IN ANODIZED GOLD
(TRIM MOUNTED)



SHOWN IN ANODIZED GOLD
(BELOW CEILING VIEW)



SHOWN IN ANODIZED SILVER
(BELOW CEILING VIEW)



SHOWN IN ANODIZED BLACK
(BELOW CEILING VIEW)

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

PHOTOMETRICS

Description: 3" LED Module
10° Beam - 0° Tilt,
80 CRI, 3000K

Model: E3 Citizen LED

Input Power (Watts): 16.3

Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 1337

Lumen Efficacy
(Lumens per Watt): 82

Output difference between CCTs - 5%, CRIs - 15%.

Description: 3" LED Module
18° Beam - 0° Tilt,
80 CRI, 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

Description: 3" LED Module
25° Beam - 0° Tilt,
80 CRI, 3000K

Model: E3 Citizen LED

Input Power (Watts): 18.3

Input Power Factor: 0.98

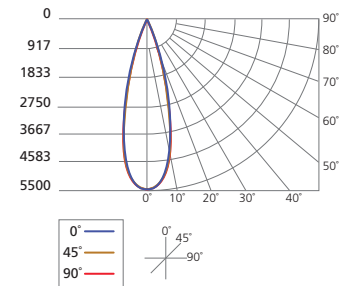
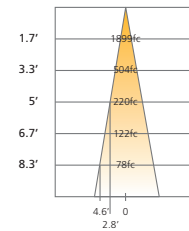
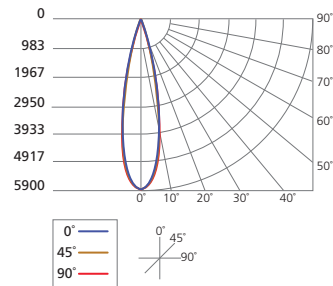
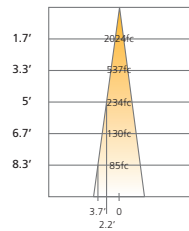
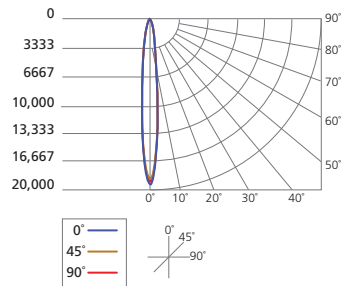
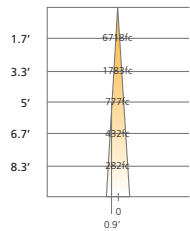
Absolute Luminous
Flux (Lumens): 1754

Lumen Efficacy
(Lumens per Watt): 95.5

| ANGLE | 0° | 45° | 90° |
|-------|-------|-------|-------|
| 0° | 19414 | 19414 | 19414 |
| 5° | 10254 | 10254 | 10254 |
| 10° | 3511 | 3511 | 3511 |
| 15° | 1342 | 1342 | 1342 |
| 20° | 383 | 383 | 383 |
| 25° | 126 | 126 | 126 |
| 30° | 84 | 84 | 84 |
| 35° | 54 | 54 | 54 |
| 40° | 31 | 31 | 31 |
| 45° | 22 | 22 | 22 |
| 50° | 18 | 18 | 18 |
| 55° | 11 | 11 | 11 |
| 60° | 6 | 6 | 6 |
| 65° | 3 | 3 | 3 |
| 70° | 2 | 2 | 2 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

| 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 |

| 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 |



ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

PHOTOMETRICS

Description: 3" LED Module
40° Beam - 0° Tilt,
80 CRI, 3000K

Model: E3 Citizen LED

Input Power (Watts): 16.9

Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 1774

Lumen Efficacy
(Lumens per Watt): 104.6

Output difference between CCTs - 5%, CRIs - 15%.

Description: 3" LED Module
60° Beam - 0° Tilt,
80 CRI, 3000K

Model: E3 Citizen LED

Input Power (Watts): 18.4

Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 1536

Lumen Efficacy
(Lumens per Watt): 83.5

| ANGLE | 0° | 45° | 90° |
|-------|------|------|------|
| 0° | 3230 | 3230 | 3230 |
| 5° | 3107 | 3126 | 3159 |
| 10° | 2824 | 2830 | 2871 |
| 15° | 2415 | 2407 | 2463 |
| 20° | 1863 | 1866 | 1937 |
| 25° | 1111 | 1125 | 1128 |
| 30° | 490 | 521 | 479 |
| 35° | 221 | 232 | 205 |
| 40° | 115 | 114 | 110 |
| 45° | 65 | 64 | 59 |
| 50° | 30 | 38 | 22 |
| 55° | 14 | 22 | 11 |
| 60° | 6 | 9 | 4 |
| 65° | 1 | 3 | 1 |
| 70° | 1 | 1 | 1 |
| 75° | 1 | 1 | 1 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

| ANGLE | 0° | 45° | 90° |
|-------|------|------|------|
| 0° | 2305 | 2305 | 2305 |
| 5° | 2313 | 2298 | 2268 |
| 10° | 2295 | 2248 | 2155 |
| 15° | 2219 | 2116 | 1938 |
| 20° | 1964 | 1876 | 1714 |
| 25° | 1548 | 1544 | 1330 |
| 30° | 1113 | 1176 | 1013 |
| 35° | 749 | 835 | 704 |
| 40° | 450 | 511 | 428 |
| 45° | 230 | 283 | 221 |
| 50° | 94 | 140 | 91 |
| 55° | 38 | 69 | 35 |
| 60° | 18 | 31 | 16 |
| 65° | 8 | 13 | 6 |
| 70° | 0 | 4 | 0 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

