

# 3" LED

ENTRA REMODEL ADJUSTABLE DOWNLIGHT & WALL WASH

**ELEMENT**  
by Tech Lighting®

LED 5 YEAR WARRANTY

The ELEMENT Entra 3" remodel adjustable LED downlight offers a cost-effective alternative to meet residential and commercial specifications on budget-sensitive projects. Custom engineered for high performance and reliability, ELEMENT Entra is easy to configure with a complete feature set that offers flexibility without an overwhelming list of options. Entra LED modules are available in 4 color temperatures and include 20°, 40° and 65° interchangeable optics with unique tool-free hot-aiming (30° tilt; 359° rotation). Flanged or flangeless (includes mud plate), round or square, flat or beveled die-cast trims in Silver and a paintable White finish.

- Hot-aiming (30° tilt; 359° rotation)
- Flanged or Flangeless Ceiling Appearance
- 20°, 40° and 65° interchangeable optics (all included)
- Accepts 2 optical controls
- 3-step color binning

## SPECIFICATIONS

|                    | 2700K   | 3000K | 3500K | 4000K |
|--------------------|---|-------|-------|-------|
| DELIVERED LUMENS   | 915   | 980   | 1004  | 1060  |
| WATTS              | 12  |       |       |       |
| EFFICACY           | 76.3  | 81.7  | 83.7  | 88.3  |
| CRI                | 90  |       |       |       |
| CBCP (AT 3000K)    | 20° - 4213; 40° - 1822; 65° - 691                                     |       |       |       |
| CCT OPTIONS        | 2700K, 3000K, 3500K, 4000K  |       |       |       |
| VOLTAGE            | 120V or 277V  |       |       |       |
| DIMMING*           | TRIAC, ELV or 0-10V (all standard)                                    |       |       |       |
| POWER SUPPLY       | Constant current driver with +.9 power factor and >87% efficiency     |       |       |       |
| OPTICS             | 20°, 40°, 65° (all included)  |       |       |       |
| ADJUSTABILITY      | 0-30° tilt, 359° rotation   |       |       |       |
| CEILING APPEARANCE | Flanged or Flangeless (Both accommodate 1/2" to 1" ceiling thickness) |       |       |       |
| CEILING APERTURE   | 4" ceiling cut-out  |       |       |       |
| HOUSING            | Non-IC  |       |       |       |
| CONSTRUCTION       | Mechanism: Steel<br>Trims: Die cast aluminum                          |       |       |       |
| FINISH             | Mechanism: Black powder coat<br>Trims: Silver, White (paintable)      |       |       |       |
| GENERAL LISTING    | ETL listed. Energy Star.  |       |       |       |
| LED LIFETIME       | L70; 50,000 hours   |       |       |       |
| WARRANTY**         | 5 years   |       |       |       |



3" remodel adjustable

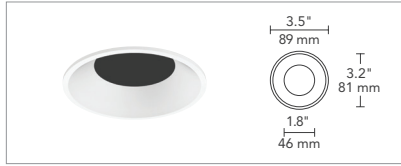
\*See ELEMENT-lighting.com for dimmer compatibility.  
\*\*Visit ELEMENT-lighting.com for specific warranty limitations and details.  
Accepts two optical controls and an optional trim-mounted lens.

# 3" LED

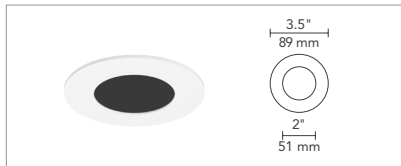
ENTRA REMODEL ADJUSTABLE DOWNLIGHT & WALL WASH

## TRIMS

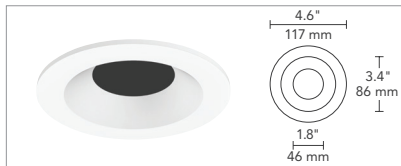
### ROUND



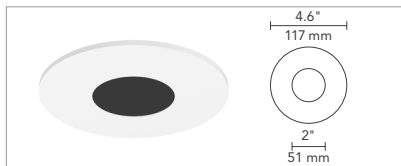
FLANGELESS BEVEL



FLANGELESS FLAT

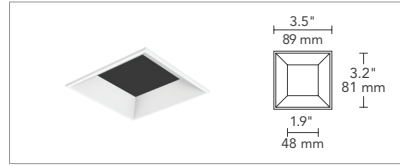


FLANGED BEVEL

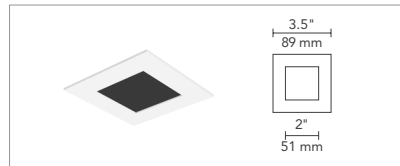


FLANGED FLAT

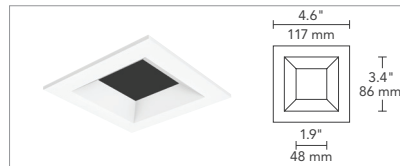
### SQUARE



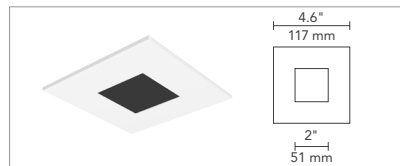
FLANGELESS BEVEL



FLANGELESS FLAT



FLANGED BEVEL

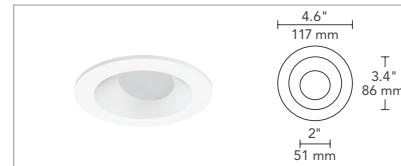


FLANGED FLAT

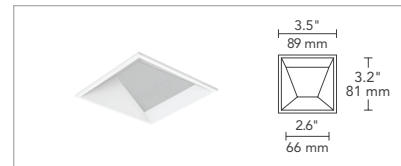
### WALL WASH



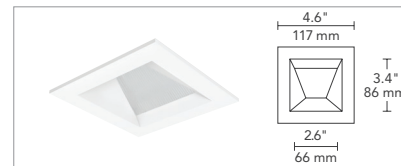
FLANGELESS WALL WASH



FLANGED WALL WASH



FLANGELESS WALL WASH



FLANGED WALL WASH

### FINISH



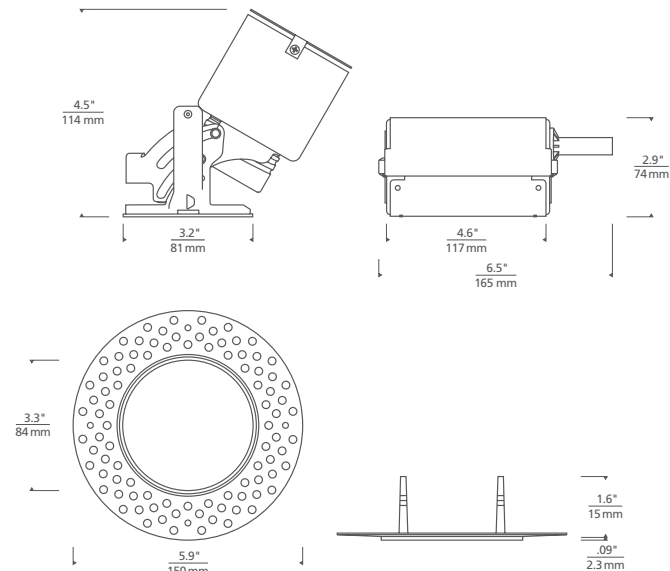
SILVER



WHITE  
(PAINTABLE)

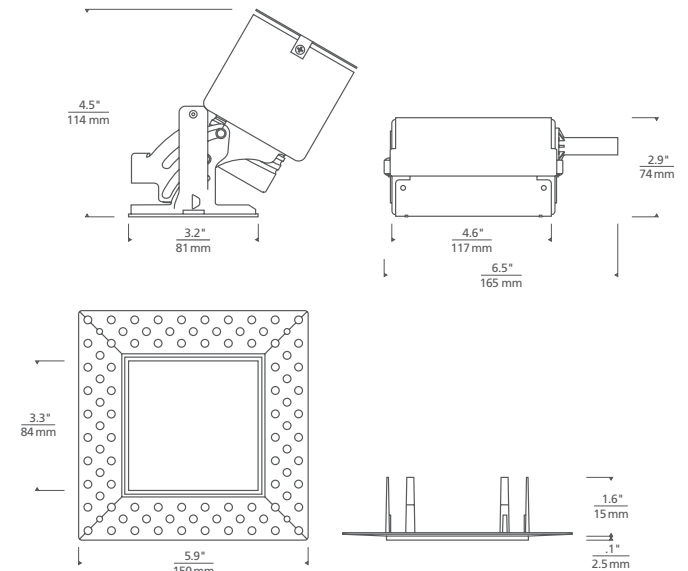
## 3" MECHANISM\*

### ROUND



\*SHIPS WITH MUD/PLASTER PLATE FOR FLANGELESS INSTALLATION

### SQUARE



\*SHIPS WITH MUD/PLASTER PLATE FOR FLANGELESS INSTALLATION

# 3" LED

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## GRIDS

### HOUSING

| PRODUCT SERIES | LAMP                    | CRI     | TEMPERATURE | BEAM     | FUNCTION           | HOUSING RATING | VOLTAGE                |
|----------------|-------------------------|---------|-------------|----------|--------------------|----------------|------------------------|
| EN3RR          | ENTRA 3" ROUND REMODEL  | -LO LED | 9 90 CRI    | 27 2700K | A 20° - 40° - 65°† | A ADJUSTABLE   | N NON-IC               |
| EN3SR          | ENTRA 3" SQUARE REMODEL |         | 30 3000K    |          |                    |                | 120 VOLT (LEAVE BLANK) |
|                |                         |         | 35 3500K    |          |                    |                | -277 277 VOLT          |
|                |                         |         | 40 4000K    |          |                    |                |                        |
|                | -LO                     | 9       |             | A        | A                  | N              |                        |

INCLUDES AN LED DRIVER THAT IS DIMMABLE BY TRIAC, ELV OR 0-10V CONTROLS.  
 †LED MODULE SHIPS WITH 40° OPTIC INSTALLED. INCLUDES 20° AND 65° OPTICS AS WELL.  
 HOUSING SHIPS WITH PLASTER-PLATE FOR USE ON FLANGELESS INSTALLATION, DO NOT USE PLATE FOR FLANGED INSTALLS.  
 TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

### TRIM

| PRODUCT SERIES | CEILING APPEARANCE | STYLE        | APERTURE                | FINISH              |
|----------------|--------------------|--------------|-------------------------|---------------------|
| EN3R           | ENTRA 3" ROUND     | L FLANGELESS | B BEVEL                 | -O NO LENS          |
| EN3S           | ENTRA 3" SQUARE    | F FLANGED    | F FLAT                  | -H SHOWER (LENSED)* |
|                |                    | W WALL WASH  | -W WALL WASH (LENSED)** | S SILVER            |
|                |                    |              |                         | W WHITE             |

\*SHOWER (LENSED) APERTURE (-H) REQUIRES BEVEL TRIM (B).  
 \*\*WALL WASH STYLE TRIM (W) REQUIRES WALL WASH LENSED APERTURE (-W).

## PROJECT INFO

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

**ELEMENT**  
by Tech Lighting®

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# 3" LED

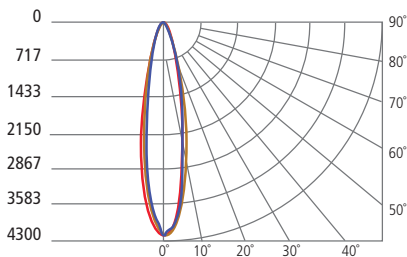
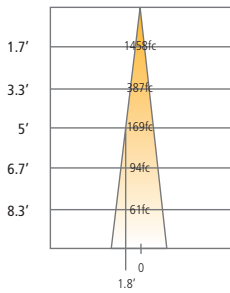
ENTRA REMODEL ADJUSTABLE DOWNLIGHT & WALL WASH

## PHOTOMETRICS: 3" ENTRA LED

DESCRIPTION: 3" LED Module  
20° Beam - 0° Tilt, 3000K  
MODEL: ENTRA Adjustable 20° High Output

INPUT POWER (WATTS): 11.9  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 950\*  
LUMEN EFFICACY (LUMENS PER WATT): 80

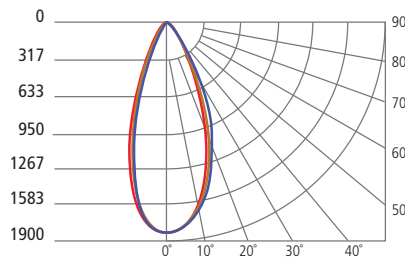
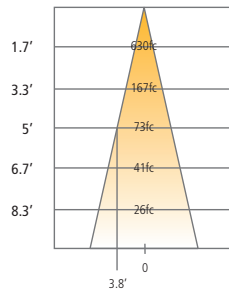
| ANGLE | 0°   | 45°  | 90°  |
|-------|------|------|------|
| 0°    | 4213 | 4213 | 4213 |
| 5°    | 3746 | 3797 | 3620 |
| 10°   | 2524 | 2562 | 2359 |
| 15°   | 1429 | 1454 | 1292 |
| 20°   | 770  | 786  | 670  |
| 25°   | 435  | 439  | 358  |
| 30°   | 252  | 251  | 192  |
| 35°   | 132  | 136  | 99   |
| 40°   | 65   | 71   | 51   |
| 45°   | 30   | 38   | 24   |
| 50°   | 11   | 20   | 9    |
| 55°   | 5    | 9    | 4    |
| 60°   | 2    | 3    | 2    |
| 65°   | 1    | 1    | 1    |
| 70°   | 0    | 1    | 0    |
| 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: ENTRA Adjustable 40° High Output

INPUT POWER (WATTS): 11.9  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 979\*  
LUMEN EFFICACY (LUMENS PER WATT): 82

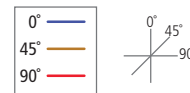
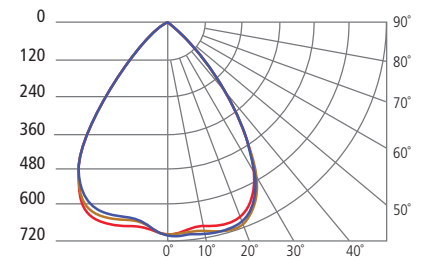
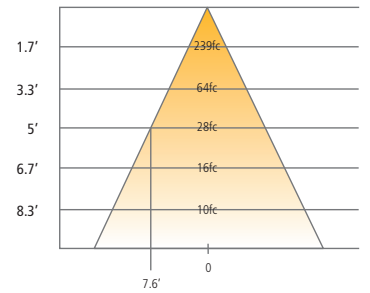
| ANGLE | 0°   | 45°  | 90°  |
|-------|------|------|------|
| 0°    | 1822 | 1822 | 1822 |
| 5°    | 1771 | 1762 | 1770 |
| 10°   | 1624 | 1614 | 1588 |
| 15°   | 1413 | 1375 | 1289 |
| 20°   | 1130 | 1050 | 916  |
| 25°   | 795  | 700  | 562  |
| 30°   | 486  | 422  | 323  |
| 35°   | 267  | 242  | 175  |
| 40°   | 120  | 131  | 81   |
| 45°   | 49   | 65   | 33   |
| 50°   | 21   | 29   | 14   |
| 55°   | 10   | 10   | 7    |
| 60°   | 3    | 4    | 2    |
| 65°   | 0    | 2    | 0    |
| 70°   | 0    | 0    | 0    |
| 75°   | 0    | 0    | 0    |
| 80°   | 0    | 0    | 0    |
| 85°   | 0    | 0    | 0    |
| 90°   | 0    | 0    | 0    |



DESCRIPTION: 3" LED Module  
65° Beam - 0° Tilt, 3000K  
MODEL: ENTRA Adjustable 65° High Output

INPUT POWER (WATTS): 11.9  
INPUT POWER FACTOR: 0.98  
ABSOLUTE LUMINOUS FLUX (LUMENS): 1022\*  
LUMEN EFFICACY (LUMENS PER WATT): 86

| ANGLE | 0°  | 45° | 90° |
|-------|-----|-----|-----|
| 0°    | 691 | 691 | 691 |
| 5°    | 701 | 691 | 680 |
| 10°   | 703 | 696 | 677 |
| 15°   | 708 | 707 | 686 |
| 20°   | 698 | 706 | 683 |
| 25°   | 658 | 667 | 647 |
| 30°   | 568 | 580 | 563 |
| 35°   | 436 | 449 | 436 |
| 40°   | 275 | 296 | 285 |
| 45°   | 145 | 161 | 150 |
| 50°   | 68  | 72  | 67  |
| 55°   | 28  | 30  | 28  |
| 60°   | 3   | 13  | 5   |
| 65°   | 0   | 3   | 0   |
| 70°   | 0   | 0   | 0   |
| 75°   | 0   | 0   | 0   |
| 80°   | 0   | 0   | 0   |
| 85°   | 0   | 0   | 0   |
| 90°   | 0   | 0   | 0   |



\*For 80 CRI values, multiply by 1.25.