

ELEMENT™ 3" LED

REMODEL ADJUSTABLE DOWNLIGHT

The ELEMENT 3" LED Flanged or Flangeless Adjustable Remodel is suited for below-the-ceiling installation where a seamless, mudded-in look or a traditional flanged appearance is desired. Featuring a precision aiming mechanism with 0-40° tilt and 361° rotation, and patented high/low lamp positioning in a 5.75" deep housing mechanism measured from below the ceiling. For Flangeless, the mud plate is designed integral to the housing while still allowing below-the-ceiling servicing and installation. Die-cast trims are offered in Square or Round, Beveled or Flat, and Flanged or Flangeless. Finishes match ELEMENT new construction Trims for a coordinating aesthetic.



- Patented high/low lamp positioning
- Tool-free aiming and locking: 0-40° tilt and 361° rotation
- Flangeless mud plate allows below-the-ceiling servicing and installation
- Trims match the ELEMENT 3" Platform
- Standard phase dimming down to 1%
- Trim Reflector options available
- Solite Soft Focus lens option
- 2-step standard

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	
	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES	HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1800/1450	1319/1124	1129	945	1300	900
WATTS	17	12	15	15	17	12
EFFICACY	106/85	110/94	75	63	76	75
CRI	80+/90+		80+	95+	90+	
CBCP	10° - 19,414 18° - 5,848 25° - 5,416 40° - 3,230 60° - 2,305		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	2700K or 3000K	3000K - 1800K	
COLOR CONSISTENCY	2-step		1 X 2-step		3-step	
VOLTAGE	120V or 277V					
DIMMING ¹	Standard phase dimming (down to 1%) 0-10V (down to 5%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field changeable: 10°, 18°, 25°, 40°, 60° TIR		Field changeable: 43°, 60° Reflector		Field changeable: 18°, 25°, 40°, 60° TIR	
ADJUSTABILITY	Lockable, hot-aiming 0-40° tilt, 361° rotation, high/low lamp positioning					
CEILING APPEARANCE	Flanged or Flangeless					
CEILING THICKNESS	Flanged Square: Up to 2-1/2" Flanged Round: Up to 1" Flangeless: No ceiling thickness limitations Note: Thicker ceilings impact light cutoff					
CEILING APERTURE	Flanged: 4" ceiling cutout Flangeless: 5" ceiling cutout					
HOUSING	Non-IC					
CONSTRUCTION	Trim: Die-Cast Aluminum					
FINISH	Trim: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version Wet listed.					
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.

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ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	LAMP	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E3R ELEMENT 3" ROUND	RL REMODEL FLANGELESS	-LH HIGH OUTPUT, 17W -LO LOW OUTPUT, 12W	827 80 CRI, 2700K, 2-STEP 830 80 CRI, 3000K, 2-STEP	0 10° ² 1 18°	A ADJUSTABLE	N NON-IC	STANDARD PHASE 1% (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE	RF REMODEL FLANGED ¹		835 80 CRI, 3500K, 2-STEP 927 90 CRI, 2700K, 2-STEP 930 90 CRI, 3000K, 2-STEP 935 90 CRI, 3500K, 2-STEP WD 90 CRI, 3000-1800K, WARM DIM, 3-STEP	2 20° 4 40° 6 60°			-010 0-10V DIMMING 5%	-277 277 VOLT
		-X XICATO, HIGH OUTPUT, 14W	I27 80 CRI, 2700K, 1X2-STEP, XICATO I30 80 CRI, 3000K, 1X2-STEP, XICATO I35 80 CRI, 3500K, 1X2-STEP, XICATO A27 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST A30 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST	43 43° XICATO 60 60° XICATO				
A						N		

Trims are required and must be ordered separately.

For dimming details, refer to Dimmer Compatibility Chart.

¹RF - Round Flanged accommodates up to 1" max ceiling thickness.

²0 - 10° optic has a unique LED module not available with Warm Dim. To change Optics to 18°, 25°, 40°, or 60° a new LED module is required, please contact Customer Service.

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	F FLAT	-H SHOWER -L LENSED	B BLACK S SATIN NICKEL W WHITE
-				

Trims are required and must be ordered separately.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
353E4LED COPT	18 18° 25 25° 40 40° 60 60°
353E4LED COPT	

REPLACEMENT REFLECTORS¹

PRODUCT	BEAM SPREAD
352LED XREF	43 43° 60 60°
352LED XREF	

¹For use with Xicato modules only.

WALL WASH TRIM

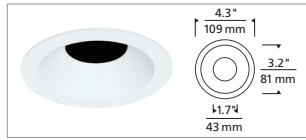
PRODUCT	CEILING APPEARANCE	STYLE	APERTURE	LED
E3R ELEMENT 3" ROUND	L FLANGELESS	W WALL WASH	-Z ANTIQUE BRONZE	-LED
E3S ELEMENT 3" SQUARE	F FLANGED		-B BLACK -S SATIN NICKEL -W WHITE	
		W	-	-LED

ELEMENT™ 3" LED

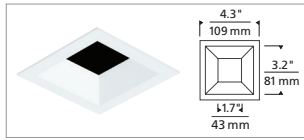
REMODEL ADJUSTABLE DOWNLIGHT

TRIMS

FLANGED

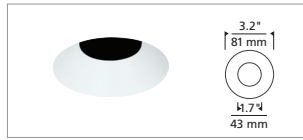


ROUND BEVEL

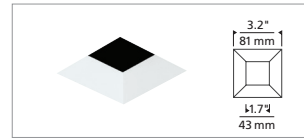


SQUARE BEVEL

FLANGELESS



ROUND BEVEL



SQUARE BEVEL

FINISH



ANTIQUE BRONZE



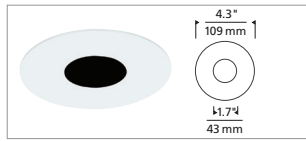
BLACK



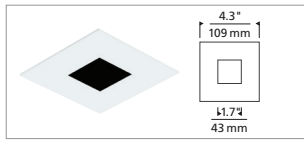
SATIN NICKEL



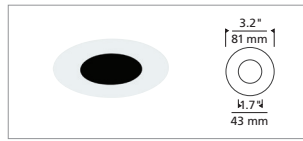
WHITE (PAINTABLE)



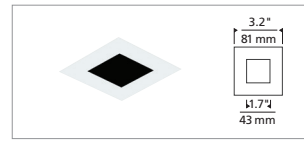
ROUND FLAT



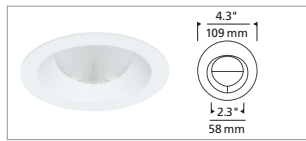
SQUARE FLAT



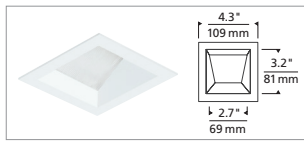
ROUND FLAT



SQUARE FLAT



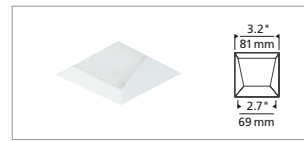
ROUND WALL WASH



SQUARE WALL WASH



ROUND WALL WASH



SQUARE WALL WASH

LENS OPTION



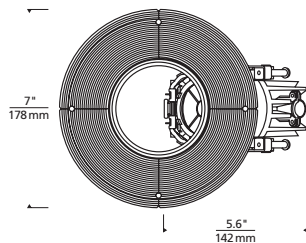
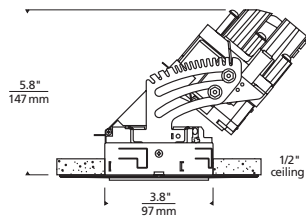
SHOWN WITH AND WITHOUT A LENS (ROUND FLANGELESS BEVEL)



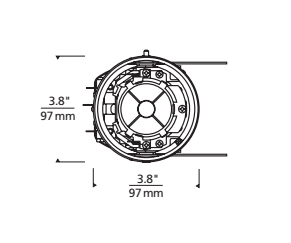
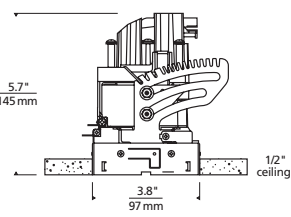
SHOWN WITH AND WITHOUT A LENS (SQUARE FLANGED BEVEL)

3" MECHANISM

ROUND

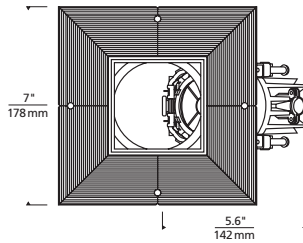
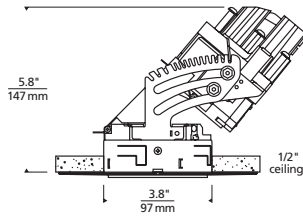


SHOWN IN ROUND FLANGELESS AT FULL TILT (45°)

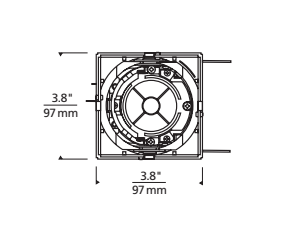
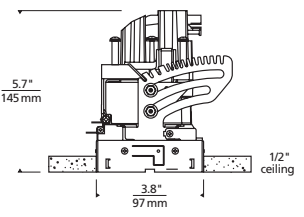


SHOWN IN ROUND FLANGED AT NO TILT (0°)

SQUARE

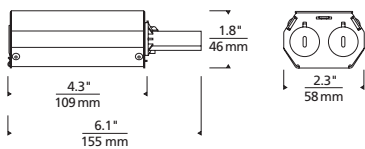


SHOWN IN SQUARE FLANGELESS AT FULL TILT (45°)



SHOWN IN SQUARE FLANGED AT NO TILT (0°)

J-BOX / DRIVERS



ELEMENT™ 3" LED

























REMODEL 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

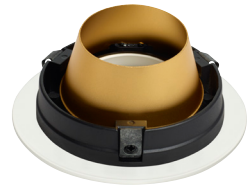
PRODUCT	STYLE	FINISH
E3TREF	NS1 NON-SLOTTED	B ANODIZED BLACK
	NS2 NON-SLOTTED	G ANODIZED GOLD
	NS3 NON-SLOTTED	S ANODIZED SILVER
	NS4 NON-SLOTTED	
	NS5 NON-SLOTTED	
	NS6 NON-SLOTTED	
	S1 SLOTTED	
	S2 SLOTTED	
	S3 SLOTTED	
	S4 SLOTTED	
	S5 SLOTTED	
	S6 SLOTTED	

E3TREF

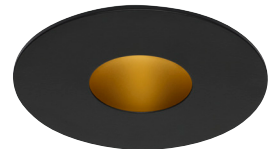
Reflectors are placed on top of the inside of the trim or affixed via screws (only if provided).



SHOWN IN ANODIZED BLACK
(REFLECTOR ONLY)



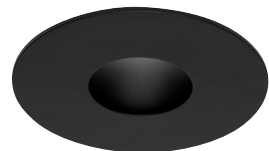
SHOWN IN ANODIZED GOLD
(TRIM MOUNTED)



SHOWN IN ANODIZED GOLD
(BELOW CEILING VIEW)



SHOWN IN ANODIZED SILVER
(BELOW CEILING VIEW)



SHOWN IN ANODIZED BLACK
(BELOW CEILING VIEW)

ELEMENT™ 3" LED

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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

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

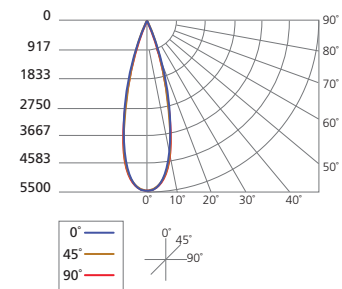
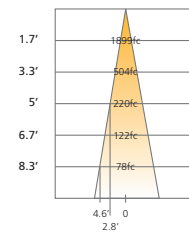
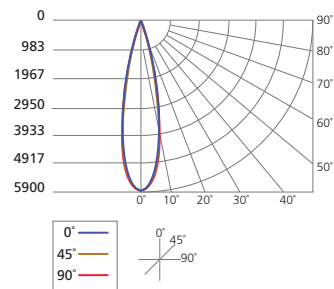
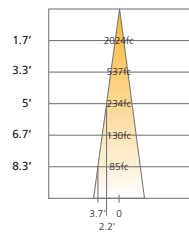
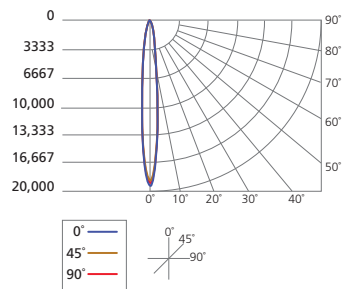
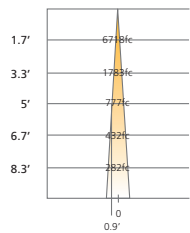
Lumen Efficacy (Lumens per Watt): 95.5

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

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

REMODEL 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

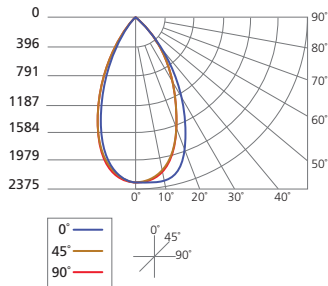
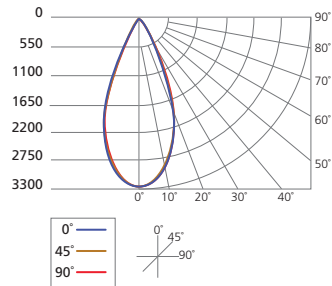
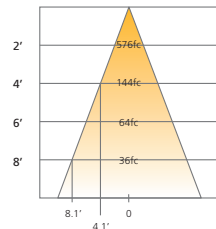
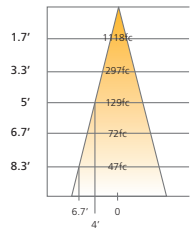
Flux (Lumens): 1536

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



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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES

