

3" LED

FLANGELESS REMODEL ADJUSTABLE DOWNLIGHT

ELEMENT
by Tech Lighting®

LED **5 YEAR**
WARRANTY

The ELEMENT 3" LED Flanged or Flangeless Adjustable Remodel is suited for below the ceiling installation where a seamless, mudded-in look is desired. Featuring a precision aiming mechanism with 0-40° tilt and 361° rotation, and ELEMENT's patented High-Low lamp positioning in a 5.75" deep housing mechanism. The mud plate is designed integral to the housing while still allowing below the ceiling servicing and installation. Trims are offered in die-cast square or round, beveled or flat, flanged or flangeless, in 4 finishes all matching ELEMENT new construction trims.

- Patented high-low lamp positioning
- Lockable tool-free hot aiming mechanism with 0-40° tilt and 361° rotation
- 5.75" deep housing mechanism (measured in low position from the bottom of ceiling)
- Flangeless mud plate allows below the ceiling servicing and installation
- Trims are die-cast aluminum and match rest of ELEMENT 3" series
- Lumenetix Programmable white is Bluetooth enabled for remote brightness, hue, color and saturation control. Lumenetix Araya App is available as an IOS app available from Apple.

SPECIFICATIONS

								
	CITIZEN		CITIZEN WARM DIM		XICATO		LUMENETIX WARM COLOR DIMMING	LUMENETIX PROGRAMMABLE WHITE
	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES		
DELIVERED LUMENS	1811 / 1476	1319 / 1124	1320	900	1129	945	675	675
WATTS	18	12	18	12	15	15	13	14
EFFICACY	100 / 82	110 / 94	73	75	75	63	52	48
CRI	80+ / 90+	80+ / 90+	90+		80+	95+	90+	90+
CBCP	10° - 19,414 15° - 5848 25° - 5416 40° - 3369		15° - N/A 25° - N/A 40° - 1622		43° - 1644 60° - 1014		43° - N/A 60° - 595	43° - N/A 60° - 595
CCT OPTIONS	2700K, 3000K or 3500K		3000K-1800K Warm Dim		2700K, 3000K or 3500K***		3000K-1800K Warm Dim	1600K-4000K
VOLTAGE	120V or 277V							
DIMMING*	TRIAC, ELV, 0-10V (Down to 5%)						0-10V: Down to 1%	0-10V (2 sets), Bluetooth, DMX: Down to 1%
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency						12V DC Constant Voltage	
OPTICS	Field Changeable: 10°, 15°, 25°, 40° TIR				Field Changeable: 43°, 60° Reflector			
ADJUSTABILITY	Lockable hot-aiming 0-40° tilt, 361° rotation, high-low lamp positioning							
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless							
CEILING APERTURE	3-7/8" ceiling cut-out							
HOUSING	Non-IC							
CONSTRUCTION	Mechanism: Die cast aluminum heat sink Trims: Die cast aluminum							
FINISH	Housing: 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 flangeless bevel round,
with plaster plate

*See ELEMENT-lighting.com for dimmer compatibility.

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

***3500K Xicato module not available for Artist series.

Data in chart reflects 3000K/80 CRI values unless noted.

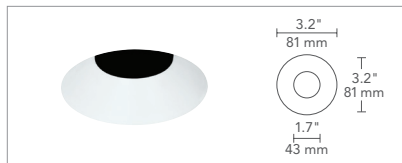
Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

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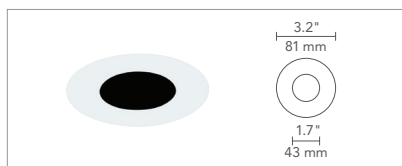
ELEMENT-Lighting.com

TRIMS

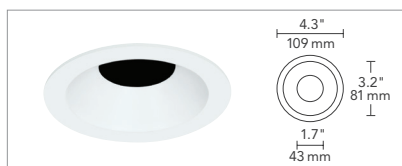
ROUND



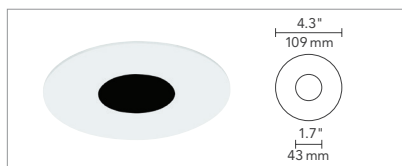
FLANGELESS BEVEL



FLANGELESS FLAT

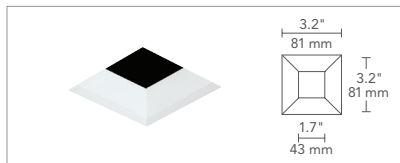


FLANGED BEVEL

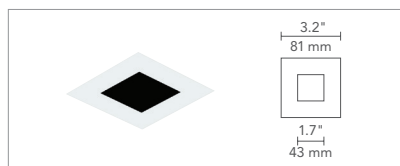


FLANGED FLAT

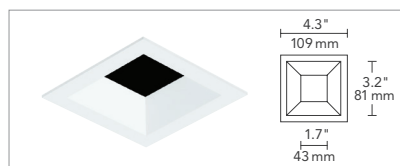
SQUARE



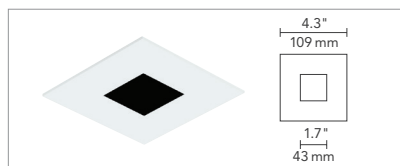
FLANGELESS BEVEL



FLANGELESS FLAT



FLANGED BEVEL



FLANGED FLAT

FINISH



ANTIQUE
BRONZE



BLACK

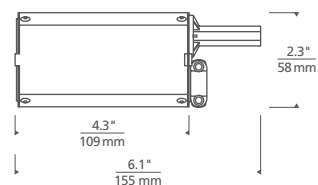
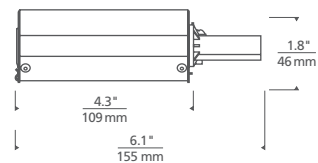


SATIN
NICKEL



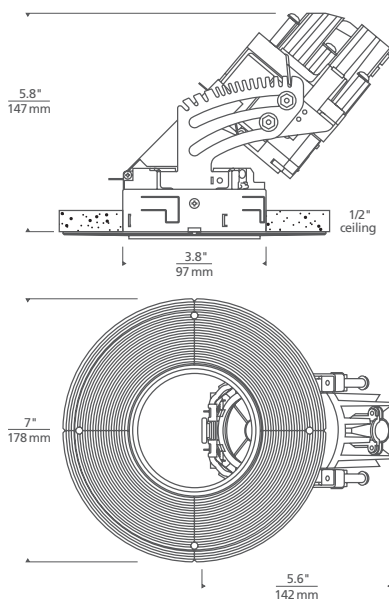
WHITE
(PAINTABLE)

DRIVERS

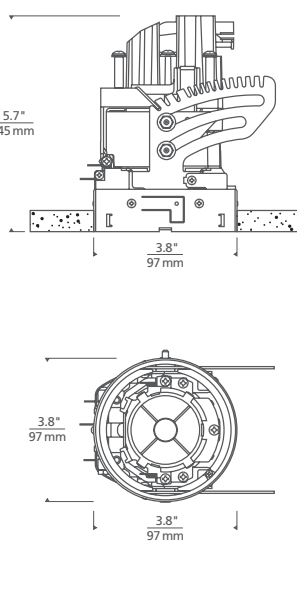


3" MECHANISM*

ROUND

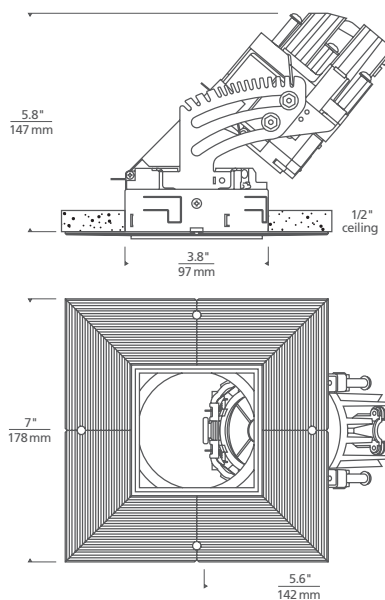


*SHOWN IN ROUND FLANGELESS
AT FULL TILT (45°)

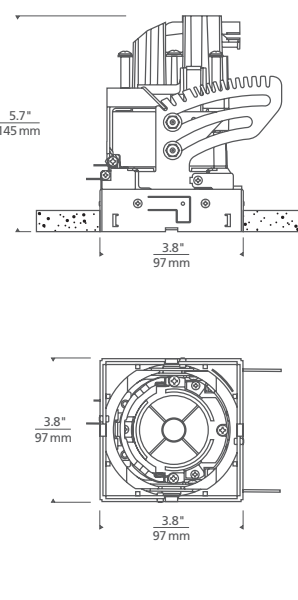


*SHOWN IN ROUND FLANGED
AT NO TILT (0°)

SQUARE



*SHOWN IN SQUARE FLANGELESS
AT FULL TILT (45°)



*SHOWN IN SQUARE FLANGED
AT NO TILT (0°)

3" LED

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GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E3R ELEMENT 3" ROUND	RL REMODEL FLANGELESS	-LH827 CITIZEN 80 CRI, 2700K, HIGH OUTPUT	0 10° (CITIZEN)**	A ADJUSTABLE	N NON-IC	STANDARD ELV / LUMENETIX (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE		-LH830 CITIZEN 80 CRI, 3000K, HIGH OUTPUT	1 15° (CITIZEN)			-010 0-10V DIMMING	-277 277 VOLT
		-LH835 CITIZEN 80 CRI, 3500K, HIGH OUTPUT	2 25° (CITIZEN)				
		-LH927 CITIZEN 90 CRI, 2700K, HIGH OUTPUT	4 40° (CITIZEN)				
		-LH930 CITIZEN 90 CRI, 3000K, HIGH OUTPUT	43 43° XICATO / LUMENETIX				
		-LH935 CITIZEN 90 CRI, 3500K, HIGH OUTPUT	60 60° XICATO / LUMENETIX				
		-LHWD CITIZEN 90 CRI WARM DIM 3000-1800K, 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					
		-LOWD CITIZEN 90 CRI WARM DIM 3000-1800K, LOW OUTPUT					
		-XI27 XICATO, 80+ CRI, 2700K					
		-XI30 XICATO, 80+ CRI, 3000K					
		-XI35 XICATO, 80+ CRI, 3500K					
		-XA27 XICATO ARTIST, 95+ CRI, 2700K					
		-XA30 XICATO ARTIST, 95+ CRI, 3000K					
		-LXWD LUMENETIX WARM COLOR DIMMING 3000K-1800K*					
		-LXPD LUMENETIX PROGRAMMABLE WHITE 4000K-1600K*					

A N

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

*LUMENETIX 0-10V DIMMING ONLY, LEAVE DRIVER COLUMN BLANK.

**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	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	B BLACK
			-L LENSED	S SATIN NICKEL
				W WHITE

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.

REPLACEMENT OPTICS

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

353LEDHIOPT

REPLACEMENT REFLECTORS*

	BEAM SPREAD
352LEDXREF	43 43°
	60 60°

352LEDXREF

*FOR USE WITH XICATO & LUMENETIX MODULES ONLY.

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

ELEMENT
by Tech Lighting®

GENERATION BRANDS
7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400 F 847.410.4500



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3" LED

FLANGELESS REMODEL ADJUSTABLE DOWNLIGHT

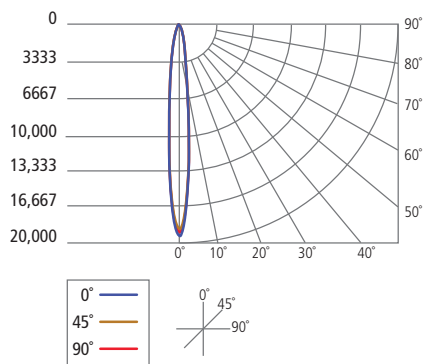
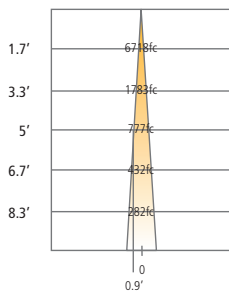
ELEMENT-Lighting.com

PHOTOMETRICS: 3" LED

DESCRIPTION: 3" LED Module
10° Beam - 0° Tilt, 80 CRI, 3000K
MODEL: E3 Remodel Fixed 10° High Output

INPUT POWER (WATTS): 16.3
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1337
LUMEN EFFICACY (LUMENS PER WATT): 82

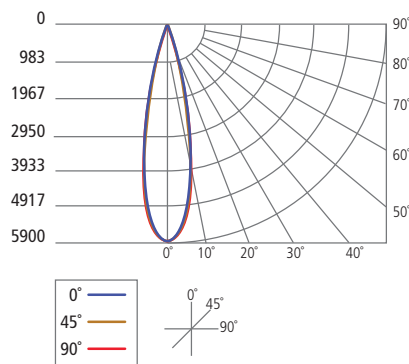
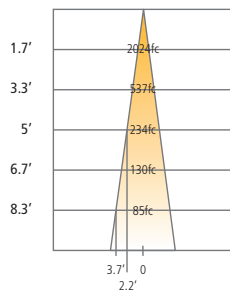
ANGLE	0°	45°	90°
0°	19414	19414	19414
5°	10254	10254	10254
10°	3511	3511	3511
15°	1342	1342	1342
20°	383	383	383
25°	126	126	126
30°	84	84	84
35°	54	54	54
40°	31	31	31
45°	22	22	22
50°	18	18	18
55°	11	11	11
60°	6	6	6
65°	3	3	3
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 3" LED Module
15° Beam - 0° Tilt, 80CRI, 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

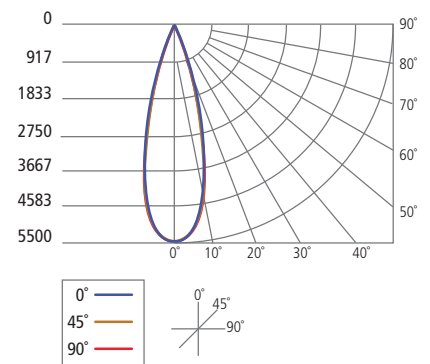
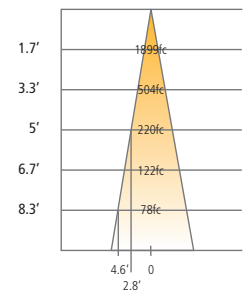
ANGLE	0°	45°	90°
0°	5848	5848	5848
5°	5500	5478	5491
10°	3919	3944	3905
15°	2103	2212	2149
20°	1058	1199	1075
25°	507	548	508
30°	250	237	250
35°	148	140	141
40°	93	98	94
45°	51	69	61
50°	33	46	37
55°	21	27	24
60°	4	15	10
65°	2	3	2
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



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



*For 90 CRI values, multiply by 0.8.

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3" LED

FLANGELESS REMODEL ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 3" LED

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

MODEL: E3 Citizen LED

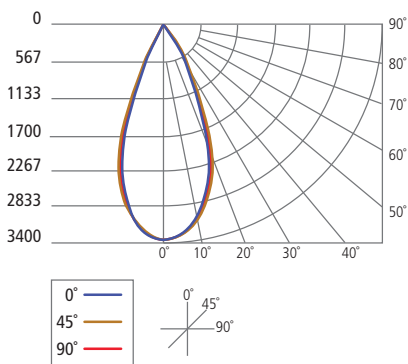
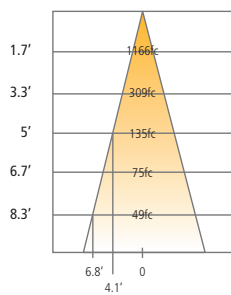
INPUT POWER (WATTS): 18.1

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.

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