

3" LED






FLANGELESS 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 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
- LED and optics are modular for ease of replacement
- Trims are die-cast aluminum and match rest of ELEMENT 3" series

SPECIFICATIONS

								
	CITIZEN HIGH OUTPUT	CITIZEN LOW OUTPUT	CITIZEN WARM DIM HIGH OUTPUT	CITIZEN WARM DIM LOW OUTPUT	XICATO STANDARD SERIES	XICATO ARTIST SERIES	LUMENETIX WARM COLOR DIMMING	LUMENETIX PROGRAMMABLE WHITE
DELIVERED LUMENS	1786 / 1514	1200 / 1010	1100	850	1075	725	675	675
WATTS	18	12	18	12	15	13	13	14
EFFICACY	99 / 84	100 / 84	61	71	72	56	52	48
CRI	80 / 90	80 / 90	90+		80+	95+	90+	90+
CBCP	10° - 13,420 15° - 5618 25° - 3856 40° - 1575		15° - N/A 25° - N/A 40° - N/A		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. CA Title 24 compliant with 90 CRI versions, except Lumenetix models.							
LED LIFETIME	L70; 50,000 hours							
WARRANTY**	5 years							

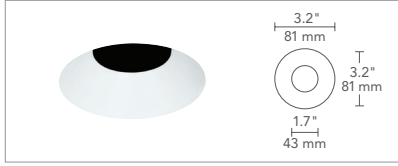


shown in flangeless bevel round, with plaster plate

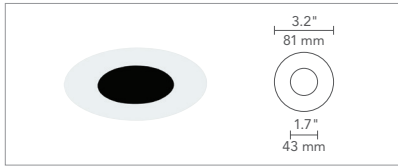
*See ELEMENT-lighting.com for dimmer compatibility.
 **Visit ELEMENT-lighting.com for specific warranty limitations and details.
 ***3500K Xicato module not available for Artist series.
 Data in chart reflects 3000K/80 CRI values unless noted.
 Consult Quotes Dept for alternate or custom driver selections. Accepts two optical controls and an optional trim-mounted lens.

TRIMS

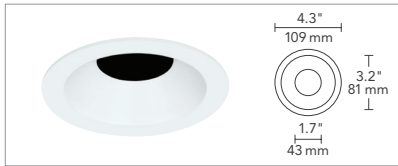
ROUND



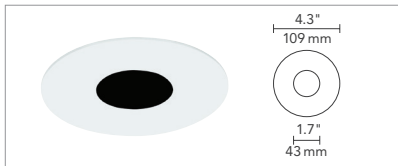
FLANGELESS BEVEL



FLANGELESS FLAT

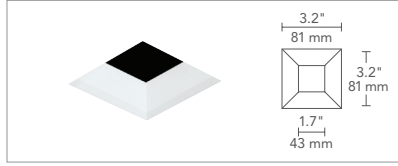


FLANGED BEVEL

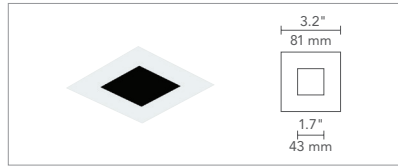


FLANGED FLAT

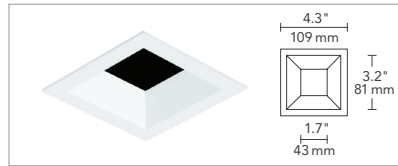
SQUARE



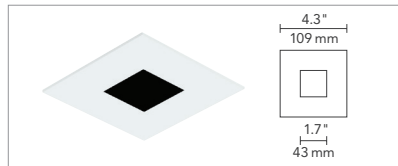
FLANGELESS BEVEL



FLANGELESS FLAT

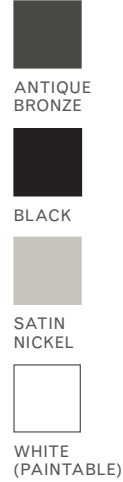


FLANGED BEVEL



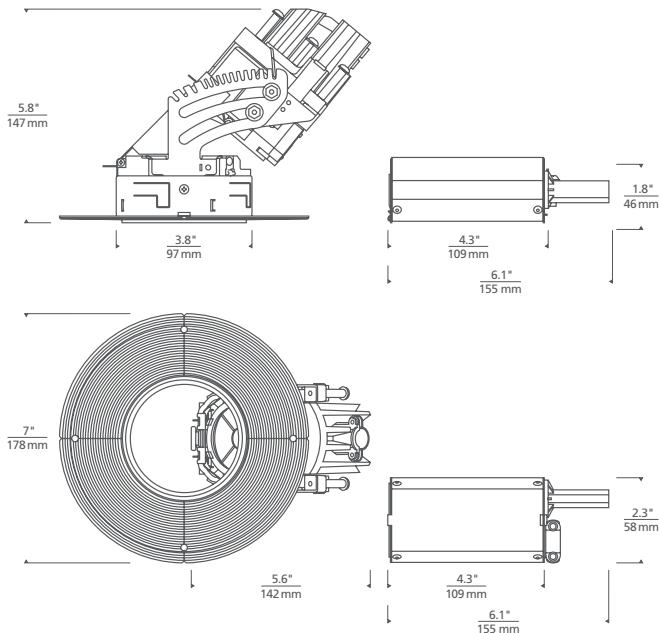
FLANGED FLAT

FINISH



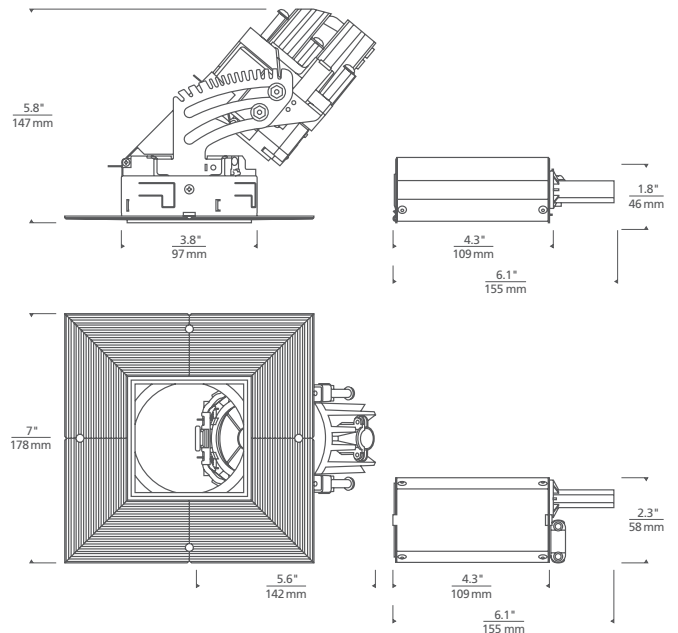
3" HOUSING*

ROUND



*SHOWN IN ROUND FLANGELESS AT FULL TILT (40°)

SQUARE



*SHOWN IN SQUARE FLANGELESS AT FULL TILT (40°)

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	RF REMODEL FLANGED	-LH830 CITIZEN 80 CRI, 3000K, HIGH OUTPUT	1 15° (CITIZEN)				
		-LH835 CITIZEN 80 CRI, 3500K, HIGH OUTPUT	2 25° (CITIZEN)			-010 0-10V DIMMING	-277 277 VOLT
		-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
351LEDHIOPT	10 10°
	15 15°
	25 25°
	40 40°

351LEDHIOPT

REPLACEMENT REFLECTORS*

	BEAM SPREAD
351LEDXREF	43 43°
	60 60°

351LEDXREF

*FOR USE WITH XICATO & LUMENETIX MODULES ONLY.

PROJECT INFO

FIXTURE TYPE & QUANTITY

JOB NAME & INFO

NOTES

ELEMENT
by Tech Lighting®

GENERATION BRANDS
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T 847.410.4400 F 847.410.4500



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3" LED

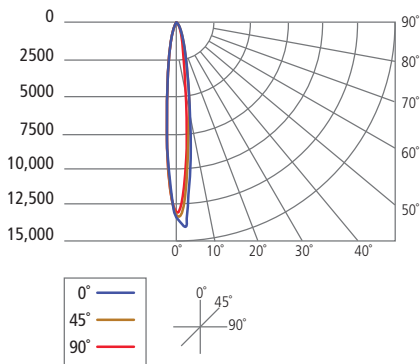
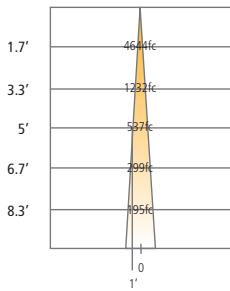
FLANGELESS REMODEL ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 3" LED

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

INPUT POWER (WATTS): 16.6
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1034
LUMEN EFFICACY (LUMENS PER WATT): 62

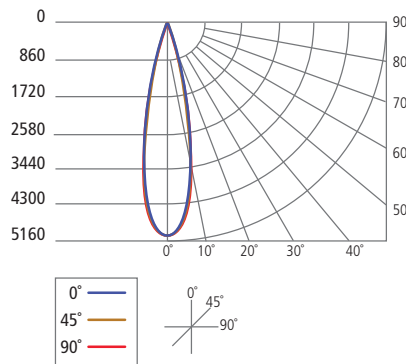
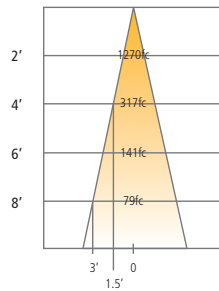
ANGLE	0°	45°	90°
0°	13421	13421	13421
5°	10376	9011	7624
10°	3786	3235	2863
15°	153	1246	1056
20°	421	347	271
25°	51	77	43
30°	18	40	16
35°	14	18	12
40°	9	10	9
45°	5	8	7
50°	4	6	4
55°	1	4	2
60°	1	2	2
65°	0	2	1
70°	0	1	1
75°	0	1	1
80°	0	1	1
85°	1	1	1
90°	0	0	0



DESCRIPTION: 3" LED Module
15° Beam - 0° Tilt, 3000K
MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.6
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1014
LUMEN EFFICACY (LUMENS PER WATT): 54.6

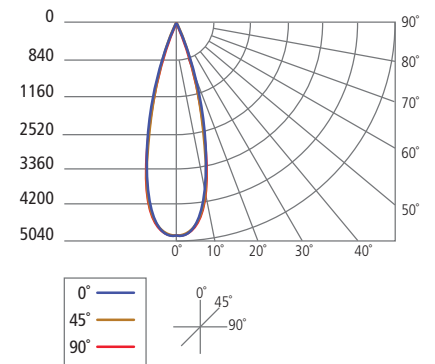
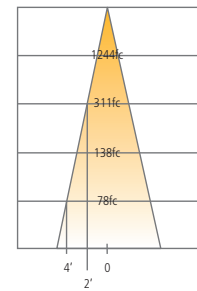
ANGLE	0°	45°	90°
0°	5078	5078	5078
5°	4591	4571	4550
10°	3048	3172	3197
15°	1618	1790	1782
20°	826	968	866
25°	386	457	421
30°	187	200	212
35°	112	119	122
40°	77	84	83
45°	50	60	55
50°	29	42	31
55°	18	25	19
60°	8	14	8
65°	2	5	2
70°	1	1	1
75°	1	1	1
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 3" LED Module
25° Beam - 0° Tilt, 3000K
MODEL: E3 Citizen LED

INPUT POWER (WATTS): 17.9
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1160
LUMEN EFFICACY (LUMENS PER WATT): 64.7

ANGLE	0°	45°	90°
0°	4978	4978	4978
5°	4706	4679	4681
10°	3818	3786	3750
15°	2326	2410	2358
20°	1012	1174	1103
25°	451	508	470
30°	216	217	220
35°	110	108	113
40°	62	65	65
45°	34	43	35
50°	18	25	19
55°	10	13	10
60°	2	6	2
65°	1	2	1
70°	1	1	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



3" LED

FLANGELESS REMODEL ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 3" LED

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

MODEL: E3 Citizen LED

INPUT POWER (WATTS): 17.8
 INPUT POWER FACTOR: 0.97
 ABSOLUTE LUMINOUS FLUX (LUMENS): 1249
 LUMEN EFFICACY (LUMENS PER WATT): 70.1

ANGLE	0°	45°	90°
0°	2935	2935	2935
5°	2806	2845	2838
10°	2465	2584	2624
15°	2016	2186	2227
20°	1428	1597	1603
25°	746	944	1054
30°	286	438	606
35°	118	174	229
40°	53	83	92
45°	23	41	40
50°	11	18	17
55°	4	10	6
60°	2	4	2
65°	1	1	1
70°	0	0	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

