





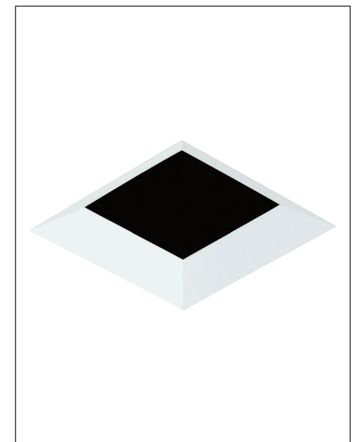
4" LED ADJUSTABLE DOWNLIGHT

This specification grade LED downlight offers a wide selection of LED module options to address design requirements in the spaces it illuminates.

- Patented high-low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher to minimize glare and flash on the trim
- Tool-free hot aiming and locking 0°-40° tilt and 361° rotation
- 45° collar rotation to ensure alignment for square apertures
- Trims are die cast aluminum and match ELEMENT 4" series
- Lensed and shower aperture includes Solite™ soft focus lens

SPECIFICATIONS

									
	CITIZEN			CITIZEN WARM DIM		XICATO		LUMENETIX WARM COLOR DIMMING	LUMENETIX PROGRAMMABLE WHITE
	MAX OUTPUT	HIGH OUTPUT	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES		
DELIVERED LUMENS	3300 / 2640	3157 / 2584	2090 / 1670	2374	1320	2195	1927	1075	1075
WATTS	32	32	18	32	18	24	25	23	23
EFFICACY	103 / 83	99 / 81	116 / 93	74	73	91	77	29	29
CRI	80+ / 90+	80+ / 90+	80+ / 90+	90+		80+	95+	90+	90+
CBCP	10° - 15,531 (low) 18° - 8192 25° - 6907 40° - 4517 60° - 3405			18° - N/A 25° - N/A 40° - 2381		21° - 5306 43° - 2740 60° - 1690		21° - N/A 43° - N/A 60° - 992	21° - N/A 43° - N/A 60° - 992
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%) Lutron Hi-Lume Ecosystem Fade-To-Black or PWM (Down to 1%) eldoLED 0-10V or Dali (Down to 0%)						0-10V: Down to 1%		0-10V (2 sets), Down to 1%
POWER SUPPLY	Constant current: driver with +9 power factor and +80% efficiency						24V DC Constant Voltage		
OPTICS	Field Changeable: 10°, 18°, 25°, 40° 60° TIR				Field Changeable: 21°, 43°, 60° Reflector				
ADJUSTABILITY	0-40° tilt, 361° rotation, high-low lamp positioning, 45° collar rotation								
CEILING APPEARANCE	Flanged (Accommodates up to 2.5" ceiling thickness) or Flangeless								
CEILING APERTURE	4-1/2" ceiling cut-out								
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable for insulation rating up to R60								
CONSTRUCTION	Housing: Heavy gauge cold rolled steel 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.								
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 (90 CRI versions, except Lumenetix models).								
LED LIFETIME	L70; 50,000 hours								
WARRANTY**	5 years								



shown in flangeless bevel square

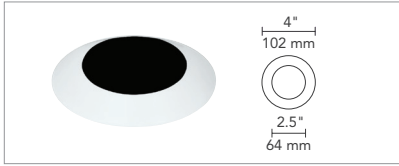
Installation

- Includes adjustable hanger bars. Includes butterfly brackets that attach to the side of the housing and are vertically adjustable with a wing nut
- Incorporates integral gunsights for positioning with laser level or string
- 45° adjustable collar rotation after installation assures square trims are perfectly aligned

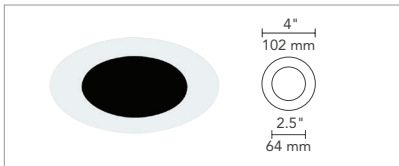
*See ELEMENT-lighting.com for dimmer compatibility.
**Visit ELEMENT-lighting.com for specific warranty limitations and details.
***3500K Xicato module not available for Artist series.
Data in chart reflects 3000K/90 CRI values unless noted.
Consult Quotes Dept for alternate or custom driver selections.
Accepts two optical controls and an optional trim-mounted lens.

TRIMS

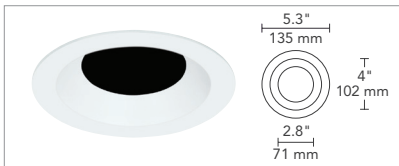
ROUND



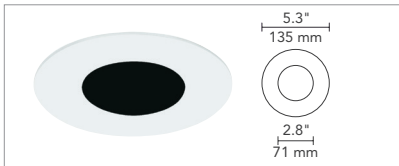
FLANGELESS BEVEL



FLANGELESS FLAT

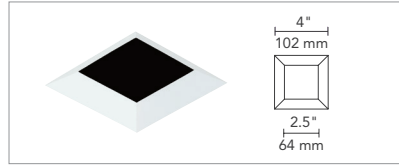


FLANGED BEVEL

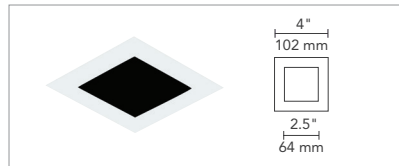


FLANGED FLAT

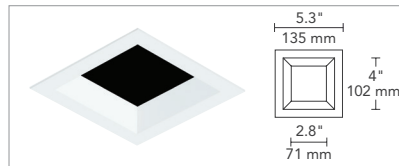
SQUARE



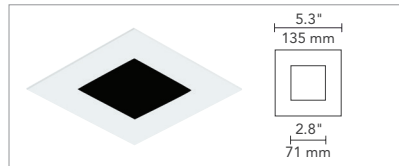
FLANGELESS BEVEL



FLANGELESS FLAT

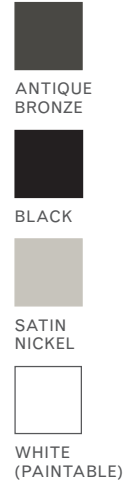


FLANGED BEVEL



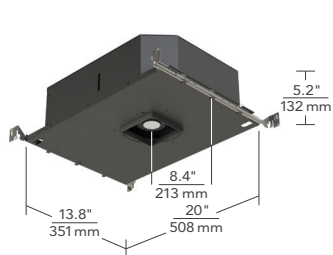
FLANGED FLAT

FINISH

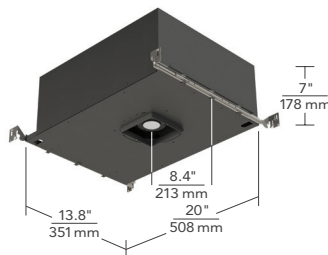


4" HOUSING

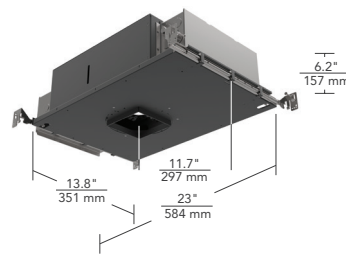
MAX CEILING THICKNESS: 2.5"



NON-IC / CHICAGO PLENUM



IC AIRTIGHT



EMERGENCY BATTERY NON-IC

GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E4R ELEMENT 4" ROUND	L FLANGELESS	-LV827 CITIZEN 80 CRI, 2700K, MAX OUTPUT*	10 10° (CITIZEN)†	A ADJUSTABLE	I IC AIRTIGHT	STANDARD ELV/LUMENETIX (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
	F FLANGED	-LV830 CITIZEN 80 CRI, 3000K, MAX OUTPUT*	18 18° (CITIZEN)		N NON-IC AIRTIGHT		
E4S ELEMENT 4" SQUARE		-LV835 CITIZEN 80 CRI, 3500K, MAX OUTPUT*	25 25° (CITIZEN)		C CHICAGO PLENUM	-010 0-10V DIMMING	-277 277 VOLT
		-LV927 CITIZEN 90 CRI, 2700K, MAX OUTPUT*	40 40° (CITIZEN)		E EMERGENCY BATTERY (NON-IC)	-ELD0 ELDOLED 0% 0-10V LINEAR	
		-LV930 CITIZEN 90 CRI, 3000K, MAX OUTPUT*	21 21° (XICATO / LUMENETIX)			-ELD0A ELDOLED 0% 0-10V LOGARITHMIC	
		-LV935 CITIZEN 90 CRI, 3500K, MAX OUTPUT*	43 43° (XICATO / LUMENETIX)			-ELD1 ELDOLED 1% 0-10V LINEAR	
		-LH827 CITIZEN 80 CRI, 2700K, HIGH OUTPUT*	60 60° (CITIZEN / XICATO / LUMENETIX)			-ELD1A ELDOLED 0% 0-10V LOGARITHMIC	
		-LH830 CITIZEN 80 CRI, 3000K, HIGH OUTPUT*				-ELDD ELDOLED 0% DALI	
		-LH835 CITIZEN 80 CRI, 3500K, HIGH OUTPUT*				-HL2W HI-LUME 1% 2 WIRE / PWM†	
		-LH927 CITIZEN 90 CRI, 2700K, HIGH OUTPUT*				-HLECO HI-LUME 1% ECO-SYSTEM FADE-TO-BLACK	
		-LH930 CITIZEN 90 CRI, 3000K, HIGH OUTPUT*					
		-LH935 CITIZEN 90 CRI, 3500K, HIGH OUTPUT*					
		-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					
		-X127 XICATO, 80+ CRI, 2700K					
		-X130 XICATO, 80+ CRI, 3000K					
		-X135 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**					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY. *MAX & HIGH OUTPUT HI-LUME 2-WIRE NOT AVAILABLE IN IC AIRTIGHT HOUSING. **LUMENETIX PROGRAMMABLE WHITE NOT AVAILABLE IN IC AIRTIGHT HOUSING. †NOTE: AVAILABLE LOW OUTPUT ONLY. 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. †HL2W - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
E4R ELEMENT 4" ROUND	L FLANGELESS	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
	F FLANGED UP TO 1" CEILING THICKNESS	F FLAT	-H SHOWER	B BLACK
E4S ELEMENT 4" SQUARE	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			

REPLACEMENT OPTICS*

	BEAM SPREAD
353E4LEDCOPT	18 18°
	25 25°
	40 40°
	60 60°

353E4LEDCOPT

*FOR USE WITH CITIZEN LED MODULES ONLY

REPLACEMENT REFLECTORS*

	BEAM SPREAD
352LEDXREF	21 21°
	43 43°
	60 60°

352LEDXREF

*FOR USE WITH XICATO & LUMENETIX MODULES ONLY.

COMMISSIONING TOOL*

LUMENETIX PROGRAMMABLE

351LEDCTMLCT WHITE ONLY

351LEDCTMLCT

*FOR USE WITH -LXPD LAMP 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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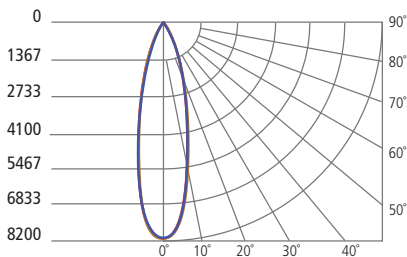
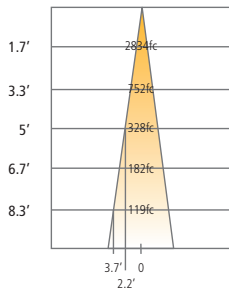
4" LED ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 4" CITIZEN LED

DESCRIPTION: 4" LED Module
18° Beam - 0° Tilt, 90 CRI, 3000K
MODEL: E4 Citizen LED

INPUT POWER (WATTS): 32.9
INPUT POWER FACTOR: 0.99
ABSOLUTE LUMINOUS FLUX (LUMENS): 2494*
LUMEN EFFICACY (LUMENS PER WATT): 76

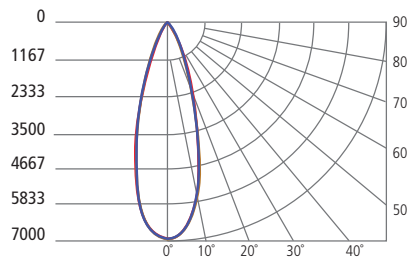
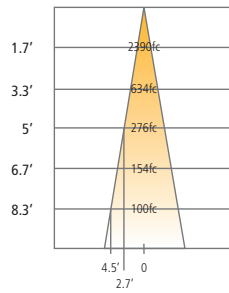
ANGLE	0°	45°	90°
0°	8192	8192	8192
5°	7438	7514	7532
10°	5277	5300	5297
15°	3190	3214	3209
20°	1898	1908	1900
25°	1066	1077	1064
30°	610	626	608
35°	319	386	325
40°	161	249	162
45°	94	145	94
50°	62	77	63
55°	37	49	37
60°	25	30	25
65°	12	16	13
70°	1	7	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 4" LED Module
25° Beam - 0° Tilt, 90 CRI, 3000K
MODEL: E4 Citizen LED

INPUT POWER (WATTS): 32.7
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 2456*
LUMEN EFFICACY (LUMENS PER WATT): 75

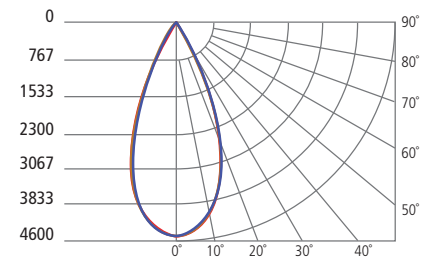
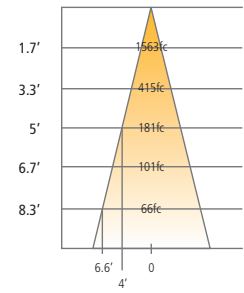
ANGLE	0°	45°	90°
0°	6907	6907	6907
5°	6578	6568	6565
10°	5455	5476	5467
15°	3575	3584	3595
20°	1856	1910	1947
25°	997	1040	1057
30°	623	654	660
35°	330	433	358
40°	153	276	165
45°	88	149	96
50°	57	73	61
55°	32	44	35
60°	19	25	21
65°	8	12	9
70°	0	4	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 4" LED Module
40° Beam - 0° Tilt, 90 CRI, 3000K
MODEL: E4 Citizen LED

INPUT POWER (WATTS): 32.8
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 2584*
LUMEN EFFICACY (LUMENS PER WATT): 79

ANGLE	0°	45°	90°
0°	4517	4517	4517
5°	4385	4393	4402
10°	4053	4071	4076
15°	3498	3518	3534
20°	2595	2648	2698
25°	1635	1620	1598
30°	860	850	804
35°	374	429	396
40°	179	224	190
45°	101	123	107
50°	60	75	64
55°	31	47	32
60°	19	26	20
65°	7	12	8
70°	1	3	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



*For 80 CRI values, multiply by 1.25.

4" LED

ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 4" CITIZEN LED

DESCRIPTION: 4" LED Module
60° Beam - 0° Tilt, 90 CRI, 3000K

MODEL: E4 Citizen LED

INPUT POWER (WATTS): 32.8
 INPUT POWER FACTOR: 0.98
 ABSOLUTE LUMINOUS FLUX (LUMENS): 3162
 LUMEN EFFICACY (LUMENS PER WATT): 96.4

ANGLE	0°	45°	90°
0°	3405	3405	3405
5°	3371	3339	3304
10°	3274	3204	3118
15°	3063	2951	2807
20°	2660	2509	2352
25°	2145	2008	1879
30°	1618	1500	1402
35°	1138	1040	942
40°	710	612	546
45°	395	334	293
50°	188	166	148
55°	78	75	75
60°	37	37	38
65°	14	14	14
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

