

3" LED

REMODEL ADJUSTABLE DOWNLIGHT

Our ELEMENT 3" LED Adjustable Remodel is suited for any remodel below the ceiling installation while offering a full complement of aiming features for precision performance. Flangeless versions include a ceiling cut-out template to accurately inset the trim in the ceiling for a flangeless finish without mudding, making it ideal for drywall or wood ceiling installations. Available in two shapes, square and round. Also available as a fixed downlight.

- 0-30° tilt and 361° rotation in only a 5.75" deep housing
- Trims are die cast aluminum and match ELEMENT 3" LED series
- Lensed and shower aperture includes Solite™ soft focus lens
- Includes integral junction box on 6" whip approved for branch circuit through wiring
- LED module and optics are modular for ease of replacement

SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM HIGH LOW	
DELIVERED LUMENS	1811	1476	1319	1124	1320	900
WATTS	18	18	12	12	18	12
EFFICACY	100	82	110	94	73	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	15° - 5618; 25° - 3856; 40° - 1575					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
VOLTAGE	120V or 277V					
DIMMING*	TRIAC, ELV, 0-10V					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 10°, 15°, 25°, 40° TIR					
ADJUSTABILITY	Lockable hot aiming: 0-40° tilt, 355° rotation					
CEILING APPEARANCE	Flanged (accommodates up to 1" drywall ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8"					
HOUSING	Non-IC Airtight					
CONSTRUCTION	Mechanism: Aluminum Trims: Die-cast aluminum					
FINISH	Mechanism: Matte 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					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					



shown in flanged bevel round white

Installation

- Use standard 3-7/8" hole saw or 3-7/8" cut-out (template included) for flanged or flangeless trims.
- Set screws engage with expanding collar for robust mounting within the ceiling cut-out

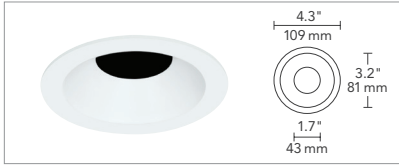
*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

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

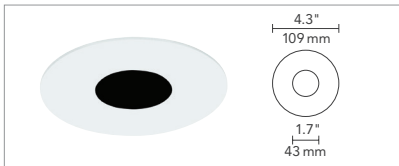
***Warm color dimming not available with 10° optics.

TRIMS

ROUND

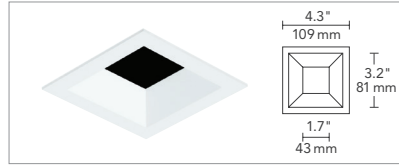


FLANGED BEVEL



FLANGED FLAT

SQUARE

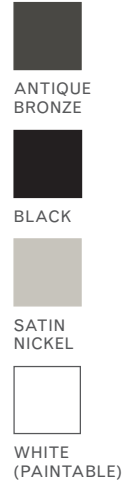


FLANGED BEVEL

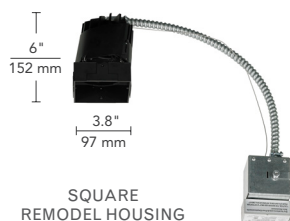
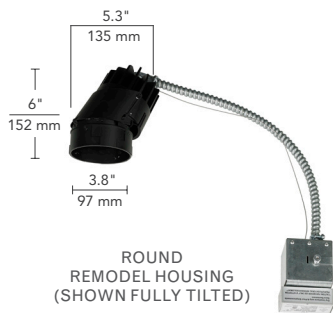


FLANGED FLAT

FINISH



3" HOUSING



Due to the brittle nature of drywall, extra care and consideration must be taken when determining whether to install the flangeless remodel trims in drywall applications to avoid chipping. If this is not feasible, we recommend using the flanged trims.

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GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E3R ELEMENT 3" ROUND	RF REMODEL FLANGED	-LH827 CITIZEN 80 CRI, 2700K, HIGH OUTPUT	0 10° (CITIZEN)*	A ADJUSTABLE	N NON-IC AIRTIGHT	STANDARD ELV/ LUMENETIX (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE		-LH830 CITIZEN 80 CRI, 3000K, HIGH OUTPUT	1 15° (CITIZEN)				
		-LH835 CITIZEN 80 CRI, 3500K, HIGH OUTPUT	2 25° (CITIZEN)				
		-LH927 CITIZEN 90 CRI, 2700K, HIGH OUTPUT	4 40° (CITIZEN)			-010 0-10V DIMMING	-277 277 VOLT
		-LH930 CITIZEN 90 CRI, 3000K, HIGH OUTPUT					
		-LH935 CITIZEN 90 CRI, 3500K, 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					

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY. *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	F FLANGED	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
E3S ELEMENT 3" SQUARE		F FLAT	-H SHOWER	B BLACK
			-L LENSED	S SATIN NICKEL
				W WHITE

REPLACEMENT OPTICS

	BEAM SPREAD
351LEDHIOPT	15 15°
	25 25°
	40 40°
351LEDHIOPT	

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

ELEMENT
by Tech Lighting®

GENERATION BRANDS
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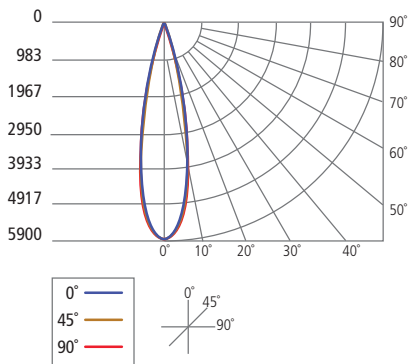
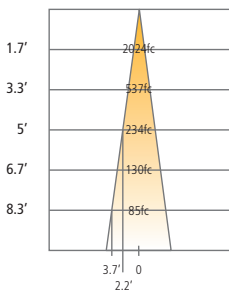
REMODEL ADJUSTABLE DOWNLIGHT

PHOTOMETRICS: 3" LED

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

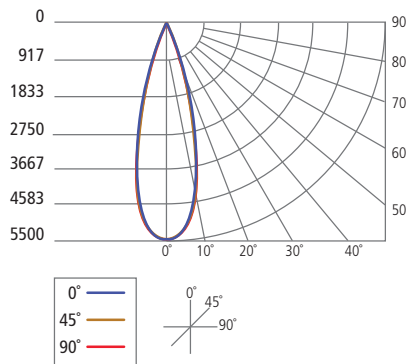
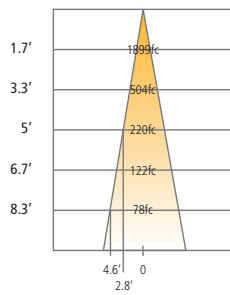
ANGLE	0°	45°	90°
0°	5848	5848	5848
5°	5500	5478	5491
10°	3919	3944	3905
15°	2103	2212	2149
20°	1058	1199	1075
25°	507	548	508
30°	250	237	250
35°	148	140	141
40°	93	98	94
45°	51	69	61
50°	33	46	37
55°	21	27	24
60°	4	15	10
65°	2	3	2
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



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

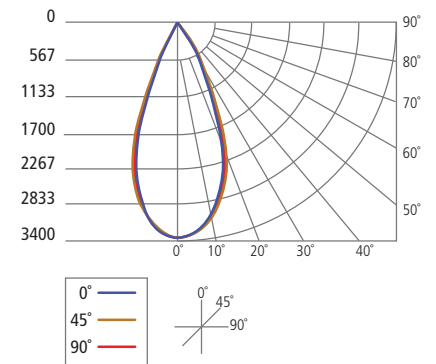
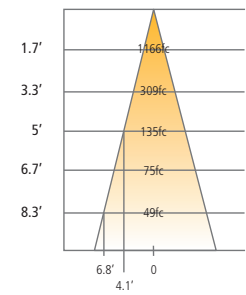
ANGLE	0°	45°	90°
0°	5422	5416	5427
5°	4916	4872	4888
10°	3800	3718	3721
15°	2040	2115	2016
20°	870	979	900
25°	400	441	414
30°	190	190	196
35°	103	103	105
40°	60	65	61
45°	27	43	31
50°	16	25	17
55°	7	12	7
60°	2	5	2
65°	2	2	2
70°	1	1	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



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