

ELEMENT™ 3" LED

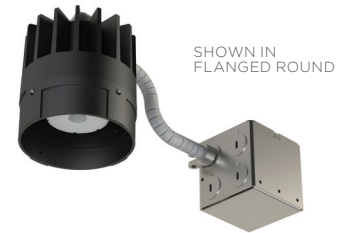
REMODEL FIXED DOWNLIGHT

Our ELEMENT 3" LED Remodel is well suited for any remodel application. The flanged trim installation accommodates any ceiling thickness and at a 5" depth from the bottom of the ceiling it provides the perfect solution where other downlights simply won't fit. Flanged trims match the ELEMENT 3" platform for a consistent aesthetic throughout the entire family of 3" downlights.

- Trims match the ELEMENT 3" platform
- Lensed and shower aperture includes Solite Soft Focus lens
- Includes integral junction box on 6" whip approved for branch circuit through wiring
- LED and optics are modular for ease of replacement

Installation

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



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

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM	
					HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1800	1450	1319	1124	1300	900
WATTS	17	17	12	12	17	12
EFFICACY	106	85	110	94	76	75
CRI	80+	90+	80+	90+	90+	
CBCP	10° - 19,414 18° - 5,848 25° - 5,416 40° - 3,230 60° - 2,305				18° - N/A 25° - N/A 40° - 1,622 60° - N/A	
CCT	2700K, 3000K, or 3500K				3000K - 1800K	
COLOR CONSISTENCY	2-step				3-step	
VOLTAGE	120V or 277V					
DIMMING ¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 1%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field changeable: 10°, 18°, 25°, 40°, or 60° TIR				Field changeable: 18°, 25°, 40°, or 60° TIR	
CEILING APPEARANCE	Flanged					
CEILING THICKNESS	Flanged: No ceiling thickness limitations					
CEILING APERTURE	3-7/8" ceiling cutout					
HOUSING	Non-IC					
CONSTRUCTION	Trim: Die-cast aluminum					
FINISH	Trim: Antique Bronze, Black, Satin Nickel, or White (paintable)					
GENERAL LISTINGS	ETL Listed. Damp Location. 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 visualcomfort.com for dimmer compatibility.

²Visit visualcomfort.com for specific warranty limitations and details.



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UPDATED 12/19/22

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ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	LAMP	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E3R ELEMENT 3" ROUND	RF REMODEL FLANGED	-LH HIGH OUTPUT, 17W	827 80 CRI, 2700K, 2-STEP	0 10° ¹	D DOWNLIGHT	N NON-IC	120V/277V UNIVERSAL PHASE/ 0-10V 1% (LEAVE BLANK) ²	120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE		-LO LOW OUTPUT, 12W	830 80 CRI, 3000K, 2-STEP	1 18°				-277 277 VOLT
			835 80 CRI, 3500K, 2-STEP	2 25°				
			927 90 CRI, 2700K, 2-STEP	4 40°				
			930 90 CRI, 3000K, 2-STEP	6 60°				
			935 90 CRI, 3500K, 2-STEP					
			WD 90 CRI, 3000-1800K, WARM DIM, 3-STEP					
	RF	-			D	N		

Trims are required and must be ordered separately.
For dimming details, refer to dimmer compatibility chart.
¹0 - 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.
²Universal dimming is reverse-phase, forward-phase, TRIAC and 0-10V. 277V is only compatible with 0-10V dimming.

TRIM

PRODUCT	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
	F	-		

Trims are required and must be ordered separately.

REPLACEMENT OPTICS

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

LENSES / LOUVERS¹

PRODUCT
140MR16SF SOLITE SOFT FOCUS LENS
140MR16SB SANDBLASTED LENS
140MR16LL LINEAR SPREAD LENS
140MR16DF DIFFUSER SPREAD LENS
EL2RHCBK EGGCRATE/HEXCELL LOUVER

¹For additional lenses, louvers, optical controls and accessories, reference visualcomfort.com. ELEMENT allows up to two lenses or louvers per fixture.

PREMIUM LENS HOLDER

PRODUCT	LENSES
240E3LENSHLDR	1 ONE LENS
	2 TWO LENSES
240E3LENSHLDR	

The premium, threaded lens holder provides more secure mounting of additional lenses as compared to the standard lens holder that ships with each fixture.
The premium lens holder is not compatible with the 10° beam spread.

FROSTED BOROSILICATE LENS KIT

PRODUCT
240E3SBLSP-B BOROSILICATE LENS KIT E3 SQUARE BEVEL TRIM
240E3SQLSP-B BOROSILICATE LENS KIT E3 SQUARE FLAT TRIM
240E3RBLSP-B BOROSILICATE LENS KIT E3 ROUND BEVEL TRIM
240E3RDLSP-B BOROSILICATE LENS KIT E3 ROUND FLAT TRIM

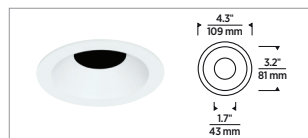
Includes frosted borosilicate lens, lens spring, and screws to mount to ELEMENT 3" trim.

ELEMENT™ 3" LED

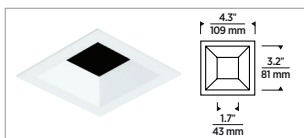
REMODEL FIXED DOWNLIGHT

TRIMS

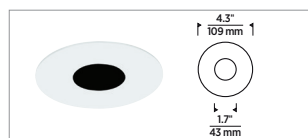
FLANGED



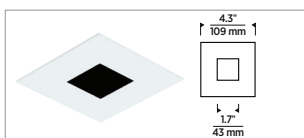
FLANGED BEVEL



FLANGED BEVEL

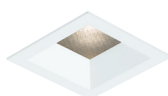


FLANGED FLAT



FLANGED FLAT

LENS OPTION



SHOWN WITH AND WITHOUT A LENS (SQUARE FLANGED BEVEL)



SHOWN WITH AND WITHOUT A LENS (ROUND FLANGED BEVEL)

FINISH



ANTIQUE BRONZE



BLACK



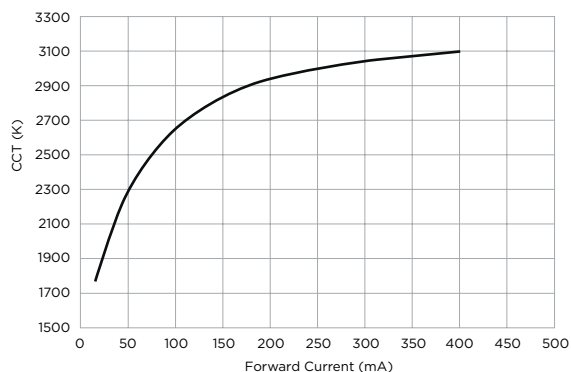
SATIN NICKEL



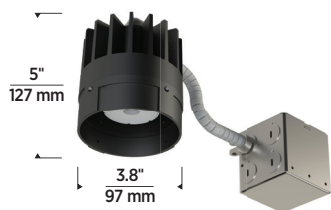
WHITE (PAINTABLE)

WARM DIM CURVE

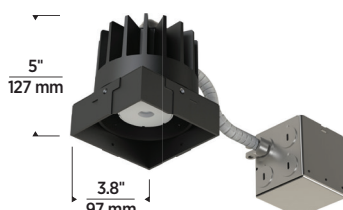
CCT vs. Forward Current, $T_c=25^{\circ}\text{C}$



HOUSING



ROUND REMODEL HOUSING
NON-IC



SQUARE REMODEL HOUSING
NON-IC

ELEMENT™ 3" LED

REMODEL FIXED DOWNLIGHT

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

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

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

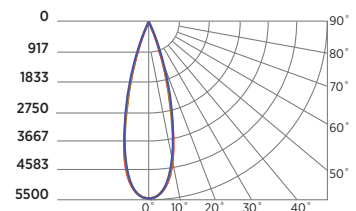
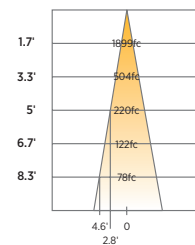
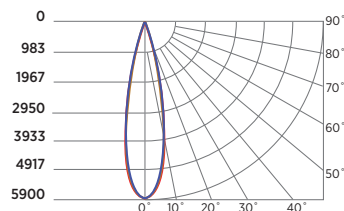
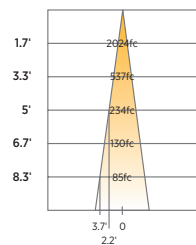
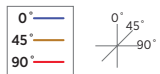
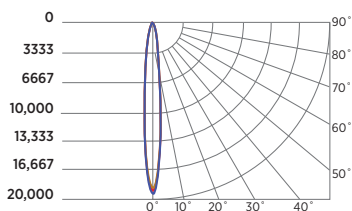
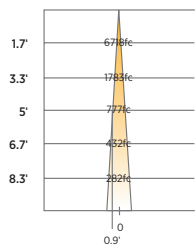
Lumen Efficacy

(Lumens per Watt): 95.5

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

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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

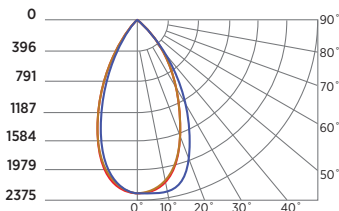
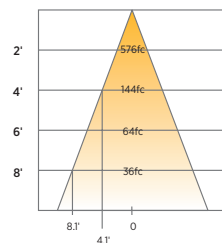
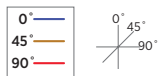
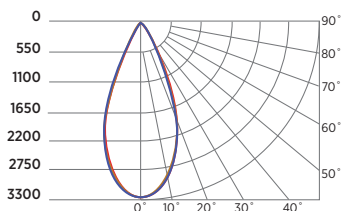
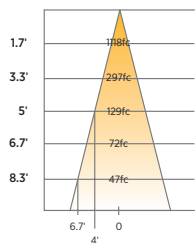
Input Power Factor: 0.98

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



ELEMENT™ 3" LED

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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES