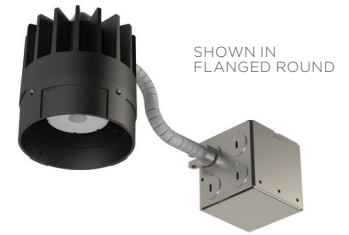


# ELEMENT™ 3" LED

## REMODEL NON-IC FIXED DOWNLIGHT



The ELEMENT 3" Remodel Fixed Downlight blends stunning architectural aesthetics with exceptional performance and brings it to remodel applications with style. The ELEMENT 3" Remodel Fixed Downlight offers premium LED options with Static White and Warm Dim.

- SDCM: 1-step static white and 2-step warm dim
- Interchangeable optics: 10°, 18°, 25°, 40°, 60°
- Up to 19,414 CBCP delivered
- Flanged die-cast Bevel and Flat trims
- Trims match the ELEMENT 3" platform

### LUMEN/CBCP MULTIPLIERS

CCT	80 CRI MULTIPLIER	90 CRI MULTIPLIER
2700K	1.12	0.98
3000K	1.18	1.00
3500K	1.22	1.01

Lumen output will vary by CCT and CRI. See photometric charts for output information.

### SPECIFICATIONS

	STATIC WHITE				WARM DIM	
	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1697	1440	1303	1106	1225	941
WATTS	16	16	12	12	17	12
EFFICACY	106	90	109	92	77	78
CRI	80+	90+	80+	90+	90+	
CBCP	10° - 24,575 18° - 5,639 25° - 5,033 40° - 2,739 60° - 1,699				18° - 4,793 25° - 4,221 40° - 2,328 60° - 1,444	
CCT	2700K, 3000K, or 3500K				3000K - 1800K	
COLOR CONSISTENCY	1-step				2-step	
VOLTAGE	120V or 277V					
DIMMING <sup>1</sup>	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming down to 1% eidoLED 0-10V or DALI-2 down to 0.1%					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field changeable: 18°, 25°, 40°, or 60° TIR Not field changeable: 10° 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 <sup>2</sup>	5 years					

Data in chart reflect 3000K/90 CRI values unless noted.  
Custom output/custom RAL/custom CCT available, contact Quotes Department

Ordering grids available on page 2.

<sup>1</sup>See visualcomfort.com for dimmer compatibility.

<sup>2</sup>Visit visualcomfort.com for specific warranty limitations and details.

# ELEMENT™ 3" LED

## REMODEL NON-IC FIXED DOWNLIGHT

### ORDERING GRIDS

#### HOUSING

PRODUCT	CEILING APPEARANCE	LAMP	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
<b>E3R</b> ELEMENT 3" ROUND	<b>RF</b> REMODEL	<b>-LH</b> HIGH OUTPUT, 16W	<b>827</b> 80 CRI, 2700K, 1-STEP	<b>0</b> 10° <sup>1</sup>	<b>D</b> DOWNLIGHT	<b>N</b> NON-IC	UNIVERSAL PHASE/0-10V 1% (LEAVE BLANK) <sup>2</sup>	120 VOLT (LEAVE BLANK)
<b>E3S</b> ELEMENT 3" SQUARE	<b>FLANGED</b>	<b>-LO</b> LOW OUTPUT, 12W	<b>830</b> 80 CRI, 3000K, 1-STEP	<b>1</b> 18°				
			<b>835</b> 80 CRI, 3500K, 1-STEP	<b>2</b> 25°				
			<b>927</b> 90 CRI, 2700K, 1-STEP	<b>4</b> 40°				
			<b>930</b> 90 CRI, 3000K, 1-STEP	<b>6</b> 60°				
			<b>935</b> 90 CRI, 3500K, 1-STEP					
			<b>WD</b> 90 CRI, 3000-1800K, WARM DIM, 2-STEP					
	<b>RF</b>	<b>-</b>			<b>D</b>	<b>N</b>		

Trims are required and must be ordered separately.

For dimming details, refer to dimmer compatibility chart.

<sup>1</sup>0 - 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.

<sup>2</sup>Universal 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
<b>E3R</b> ELEMENT 3" ROUND	<b>F</b> FLANGED	<b>B</b> BEVEL	<b>-O</b> NO LENS	<b>Z</b> ANTIQUE BRONZE
<b>E3S</b> ELEMENT 3" SQUARE		<b>F</b> FLAT	<b>-H</b> SHOWER <sup>1</sup>	<b>B</b> BLACK
			<b>-L</b> LENSED	<b>S</b> SATIN NICKEL
				<b>W</b> WHITE
	<b>F</b>		<b>-</b>	

Trims are required and must be ordered separately.

<sup>1</sup>H - Shower lens includes a gasket.

#### REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
<b>353E4LEDCOPT</b>	<b>18</b> 18°
	<b>25</b> 25°
	<b>40</b> 40°
	<b>60</b> 60°
<b>353E4LEDCOPT</b>	

#### LENSES/LOUVERS

PRODUCT <sup>1</sup>	
<b>140MR16SF</b>	SOLITE SOFT FOCUS LENS
<b>140MR16SB</b>	SANDBLASTED LENS
<b>140MR16LL</b>	LINEAR SPREAD LENS
<b>140MR16DF</b>	DIFFUSER SPREAD LENS
<b>EL2RHCBK</b>	EGGCRATE/HEXCELL LOUVER

<sup>1</sup>For additional lenses, louvers, optical controls and accessories, reference [visualcomfort.com](http://visualcomfort.com). Lens/louvers mounted to lamp assembly only (max 2).

#### PREMIUM LENS HOLDER

PRODUCT	LENSES
<b>240E3LENSHLDR</b>	<b>1</b> ONE LENS
	<b>2</b> 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	
<b>240E3SBLSP-B</b>	BOROSILICATE LENS KIT   E3 SQUARE BEVEL TRIM
<b>240E3SQLSP-B</b>	BOROSILICATE LENS KIT   E3 SQUARE FLAT TRIM
<b>240E3RBLSP-B</b>	BOROSILICATE LENS KIT   E3 ROUND BEVEL TRIM
<b>240E3RDLSP-B</b>	BOROSILICATE LENS KIT   E3 ROUND FLAT TRIM

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

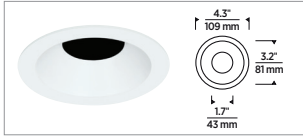


# ELEMENT™ 3" LED

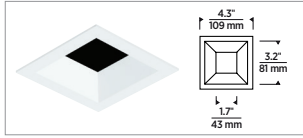
## REMODEL NON-IC FIXED DOWNLIGHT

### TRIMS

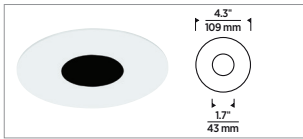
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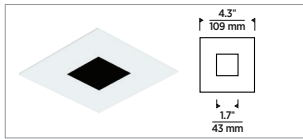
ROUND BEVEL



SQUARE BEVEL



ROUND FLAT



SQUARE FLAT

#### FINISH



ANTIQUÉ BRONZE



BLACK



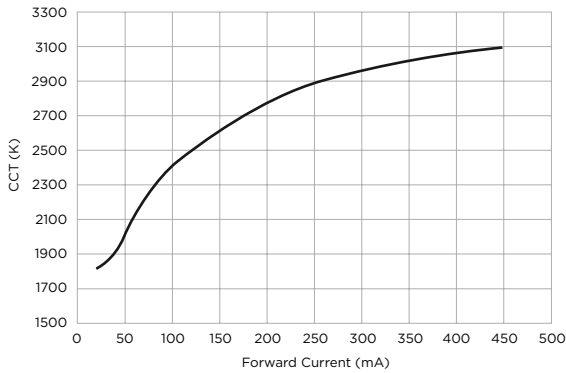
SATIN NICKEL



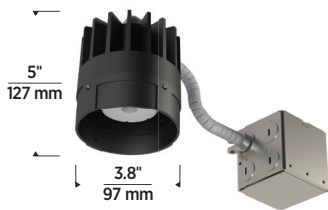
WHITE (PAINTABLE)

### WARM DIM CURVE

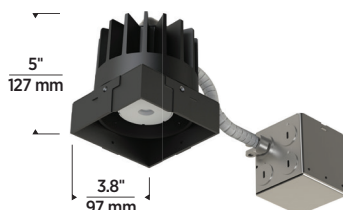
CCT vs. Forward Current,  $T_c=25^{\circ}\text{C}$



### HOUSING



ROUND REMODEL HOUSING  
NON-IC



SQUARE REMODEL HOUSING  
NON-IC

# ELEMENT™ 3" LED

## REMODEL NON-IC FIXED DOWNLIGHT

### PHOTOMETRICS

Description: 3" LED Module  
10° Beam  
90 CRI, 3000K

Input Power: 18.2W  
Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 987  
Lumen Efficacy (Lumens per Watt): 54.2

Description: 3" LED Module  
18° Beam  
90 CRI, 3000K

Input Power: 15.8W  
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1278  
Lumen Efficacy (Lumens per Watt): 80.9

Description: 3" LED Module  
25° Beam  
90 CRI, 3000K

Input Power: 15.8W  
Input Power Factor: 0.98

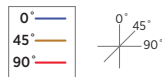
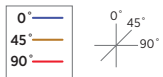
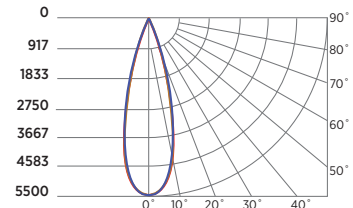
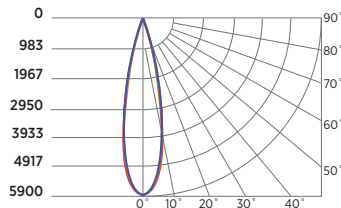
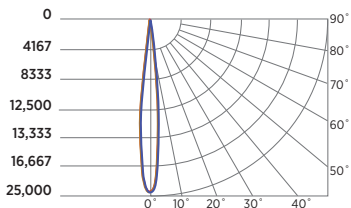
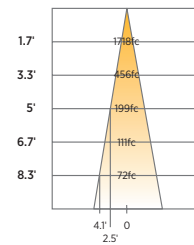
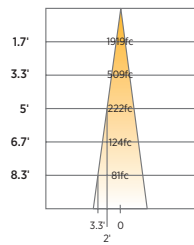
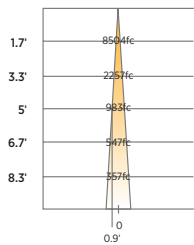
Absolute Luminous Flux (Lumens): 1421  
Lumen Efficacy (Lumens per Watt): 89.9

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

ANGLE	0°	45°	90°
0°	24575	24575	24575
5°	12004	10898	12296
10°	1418	1275	1517
15°	355	332	340
20°	171	165	154
25°	90	85	87
30°	52	48	49
35°	33	31	32
40°	21	19	19
45°	10	11	8
50°	3	6	3
55°	2	2	2
60°	1	1	1
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	5546	5546	5546
5°	4951	5044	4838
10°	3208	3326	3167
15°	1748	1859	1721
20°	882	1028	871
25°	395	485	380
30°	171	195	167
35°	83	84	81
40°	49	52	50
45°	29	34	30
50°	14	22	13
55°	12	15	11
60°	11	12	9
65°	7	10	6
70°	6	6	6
75°	5	6	5
80°	5	5	5
85°	5	5	5
90°	4	5	5

ANGLE	0°	45°	90°
0°	4966	4966	4966
5°	4647	4710	4525
10°	3677	3750	3542
15°	2292	2346	2143
20°	1103	1188	986
25°	465	559	417
30°	211	240	187
35°	98	100	89
40°	53	56	50
45°	30	35	29
50°	16	22	14
55°	11	13	10
60°	9	9	8
65°	8	7	7
70°	7	6	6
75°	6	6	6
80°	6	5	5
85°	5	5	5
90°	5	5	5



# ELEMENT™ 3" LED

## REMODEL NON-IC FIXED DOWNLIGHT

### PHOTOMETRICS

Description: 3" LED Module  
40° Beam  
90 CRI, 3000K

Input Power: 15.8W

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1440

Lumen Efficacy (Lumens per Watt): 91.1

Description: 3" LED Module  
60° Beam  
90 CRI, 3000K

Input Power: 15.7W

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1343

Lumen Efficacy (Lumens per Watt): 85.5

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

ANGLE	0°	45°	90°
0°	2729	2729	2729
5°	2686	2706	2649
10°	2503	2538	2439
15°	2147	2183	2100
20°	1617	1683	1572
25°	915	1000	904
30°	388	434	375
35°	153	162	157
40°	70	77	71
45°	31	41	32
50°	10	21	11
55°	7	10	7
60°	4	6	4
65°	3	4	3
70°	3	3	13
75°	2	3	2
80°	2	2	2
85°	2	2	2
90°	1	2	2

ANGLE	0°	45°	90°
0°	1699	1699	1699
5°	1654	1654	1654
10°	1548	1548	1548
15°	1403	1403	1403
20°	1163	1163	1163
25°	854	854	854
30°	580	580	580
35°	374	374	374
40°	219	219	219
45°	112	112	112
50°	48	48	48
55°	23	23	23
60°	9	9	9
65°	7	7	7
70°	6	6	6
75°	6	6	6
80°	5	5	5
85°	5	5	5
90°	5	5	5

