

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.

- 1-step for static white 2700K, 3000K, and 3500K; and 2-step for all other configurations
- 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



SHOWN IN FLANGED SQUARE

LUMEN/CBCP MULTIPLIERS

CCT	80 CRI MULTIPLIER	90 CRI MULTIPLIER
2200K	—	0.60
2400K	—	0.83
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	2200K, 2400K, 2700K, 3000K, or 3500K				3000K-1800K	
COLOR CONSISTENCY	1-step (2-step for 2200K, 2400K)				2-step	
VOLTAGE	120V or 277V					
DIMMING ¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming down to 1% eLdoLED 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 ²	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.

¹See visualcomfort.com for dimmer compatibility.

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

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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, 16W	827 80 CRI, 2700K, 1-STEP	0 10°¹	D DOWNLIGHT	N NON-IC	UNIVERSAL PHASE/0-10V 1% (LEAVE BLANK)²	120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE		-LO LOW OUTPUT, 12W	830 80 CRI, 3000K, 1-STEP	1 18°				
			835 80 CRI, 3500K, 1-STEP	2 25°			-ELDO ELDOLED 0.1% 0-10V LINEAR	-277 277 VOLT²
			922 90 CRI, 2200K, 2-STEP	4 40°			-ELDOA ELDOLED 0.1% 0-10V LOGARITHMIC	
			924 90 CRI, 2400K, 2-STEP	6 60°			-ELDD ELDOLED 0.1% DALI-2	
			927 90 CRI, 2700K, 1-STEP					
			930 90 CRI, 3000K, 1-STEP					
			935 90 CRI, 3500K, 1-STEP					
			WD 90 CRI, 3000K-1800K, WARM DIM, 2-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 SHOWER¹	B BLACK
			-L LENSED	S SATIN NICKEL
				W WHITE
	F	-		

Trims are required and must be ordered separately.
¹H - Shower lens includes a gasket.

REPLACEMENT OPTICS

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

LENSES/LOUVERS

PRODUCT¹	
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. Lens/louvers mounted to lamp assembly only (max 2).

PREMIUM LENS HOLDER

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

Provides more secure mounting of additional lenses than the lens holder that ships with each fixture. Not compatible with the 10° beam spread or Xicato high output lamp modules.

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

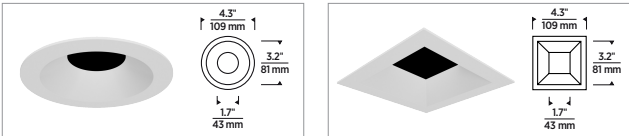
Includes frosted borosilicate lens, lens spring, and screws to mount to ELEMENT 3" trim.

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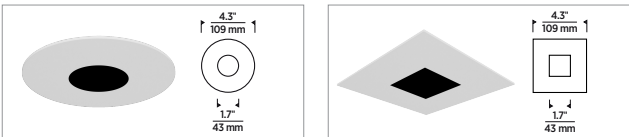
TRIMS

FLANGED



ROUND BEVEL

SQUARE BEVEL



ROUND FLAT

SQUARE FLAT

FINISH



ANTIQUE
BRONZE



BLACK

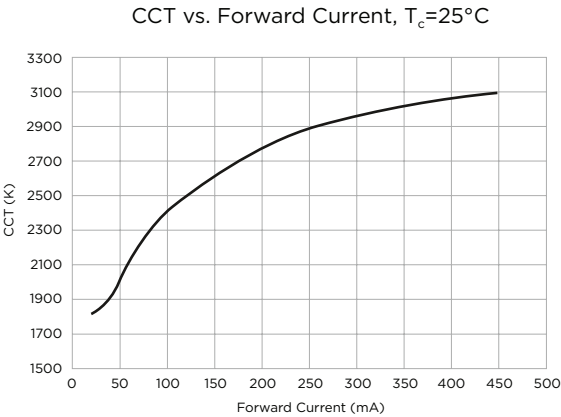


SATIN
NICKEL



WHITE
(PAINTABLE)

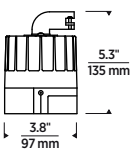
WARM DIM CURVE



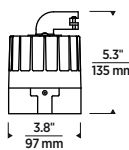
HOUSING



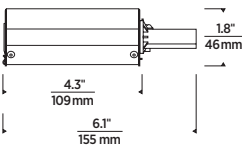
ROUND REMODEL HOUSING
NON-IC



SQUARE REMODEL HOUSING
NON-IC



J-BOX / DRIVERS



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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

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

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

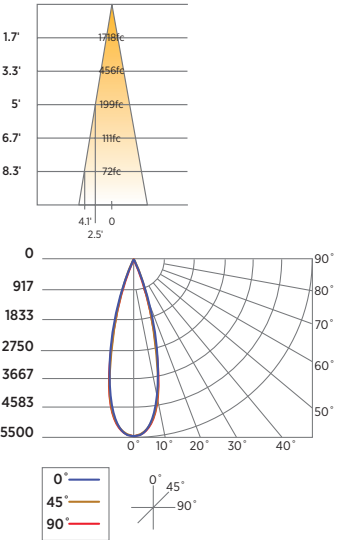
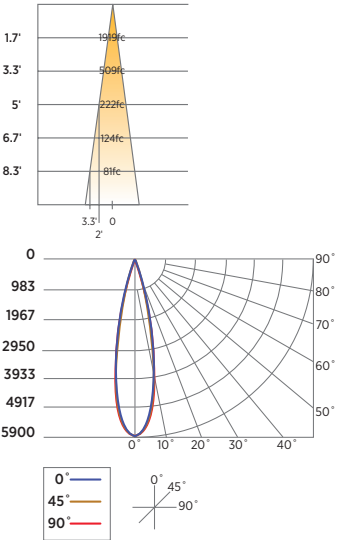
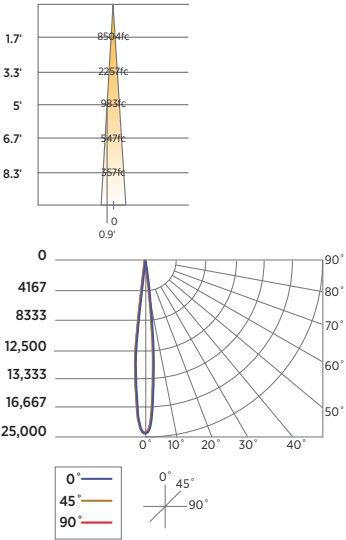
Absolute Luminous Flux (Lumens):1421

Lumen Efficacy (Lumens per Watt):89.9

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



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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

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

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

Input Power:15.7W

Input Power Factor:0.98

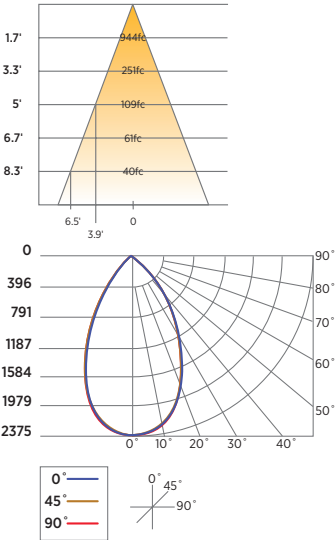
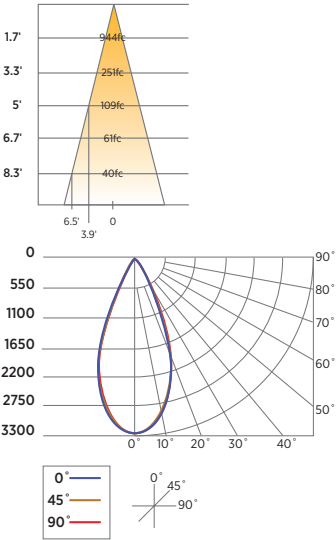
Absolute Luminous
Flux (Lumens):1343

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



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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES