

ELEMENT™ 3" LED

DUAL ADJUSTABLE DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

The ELEMENT 3" LED Dual Adjustable Downlight provides high performance and beautiful architectural appearance when design requirements for task or accent lighting require two closely spaced downlights with independent aiming capability. Designed with the same trims as the ELEMENT 3" platform (two per housing) for a coordinating aesthetic. Fixtures are independently adjustable allowing for lockable, hot aiming with 0°-40° tilt and 361° rotation and include a variety of options such as output, beam spread, static white and warm dim, and flangeless wood ceiling application to meet a broad range of requirements.

- Lockable, hot aiming with 0°-40° tilt and 361° rotation (both light modules)
- Dual apertures 10-1/4" on center
- Trims match the ELEMENT 3" platform
- Lensed and shower aperture includes Solite Soft Focus lens
- Standard dimming down to 1%

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	LOW OUTPUT	HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	3394/2880	2606/2212	2450	1882
WATTS	32	24	32	24
EFFICACY	106/90	109/92	77	78
CRI	80+/90+	80+/90+	90+	
CBCP	Per aperture: 10° - 24,575 18° - 5,639 25° - 5,033 40° - 2,739 60° - 1,699		Per aperture: 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 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	
ADJUSTABILITY	Lockable, hot aiming, 0-40° tilt, 361° rotation			
CEILING APPEARANCE	Flanged, flangeless, or flangeless in wood ceiling			
CEILING THICKNESS	Flanged: Up to 2-1/2" Flangeless: No ceiling thickness limitations Flangeless in wood ceiling: 1/2" to 1-1/2" Note: Thicker ceilings impact light cutoff			
CEILING APERTURE	Two 3-7/8" ceiling cutouts with 10-1/4" on-center spacing between apertures			
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation. Sauna/steam-room use available only with combination of H shower trim, LO low output housing, and I IC housing rating.			
CONSTRUCTION	Housing: Heavy-gauge, cold-rolled steel Trim: Die-cast aluminum			
FINISH	Housing: Black powder coat Trim: Antique Bronze, Black, Satin Nickel, or White (paintable)			
GENERAL LISTINGS	ETL Listed, Damp Location, Shower version Wet Listed.			
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2019 Title 24 Part 6 (JA8-2016, JA8-2019) (for 90 CRI versions).			
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.

Accepts two optical controls and an optional trim-mounted lens.

¹See visualcomfort.com for dimmer compatibility. Consult Quotes Dept. for alternate or custom driver selections.

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

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DUAL ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER
E3R ELEMENT 3" ROUND	L FLANGELESS	-LH HIGH OUTPUT, 32W ²	827 80 CRI, 2700K, 1-STEP	0 10° ⁴	DA DUAL ADJUSTABLE	I IC AIRTIGHT	INTEGRATED DRIVERS 120V/277V UNIVERSAL PHASE/0-10V 1% (LEAVE BLANK) ⁵
E3S ELEMENT 3" SQUARE	F FLANGED	-LO LOW OUTPUT, 24W ³	830 80 CRI, 3000K 1-STEP	1 18°			
	WC WOOD CEILING ¹		835 80 CRI, 3500K 1-STEP	2 25°			
			927 90 CRI, 2700K 1-STEP	4 40°			
			930 90 CRI, 3000K 1-STEP	6 60°			
			935 90 CRI, 3500K 1-STEP				
			WD 90 CRI, 3000-1800K, WARM DIM, 2-STEP				

Trims are required and must be ordered separately, two per housing.

For dimming details, refer to dimmer compatibility chart.

¹WC - Wood ceiling option accommodates flangeless trims only.

²LH - High output available for Wet Rated. Not rated for sauna/steam-room.

³LO - Sauna/steam-room use available only with combination of H shower trim, LO low output housing, and I IC housing rating.

⁴0 - 10° optic has a unique LED module not available with warm dim. Changing optics to 18°, 25°, 40°, or 60° will require a new LED module.

⁵Universal 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	L FLANGELESS	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
E3S ELEMENT 3" SQUARE	F FLANGED	F FLAT	-H SHOWER ¹	B BLACK
	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			

Two trims are required per housing.

Wood ceiling option accommodates flangeless trims only.

¹H - Sauna/steam-room use available only with combination of H shower trim, LO low output housing, and I IC housing rating.

Shower lens includes a gasket.

PLASTER PLATES

PRODUCT	
150E3RPPLT-2	3" PLASTER PLATE ROUND DIE-CAST METAL ¹
150E3SPPLT-2	3" PLASTER PLATE SQUARE DIE-CAST METAL ¹
150E3RTPPLT-W	3" PLASTER PLATE ROUND SHEET METAL ²
150E3STPPLT-W	3" PLASTER PLATE SQUARE SHEET METAL ²

Plaster plates are used to convert flanged housings into flangeless housings.

¹Ships standard with flangeless housings. Round not compatible with Lutron Hi-lume or eldoLED drivers.

²Optional, thinner, meshed sheet metal mud plates available for minimized plaster feathering to meet installer preference. Round not compatible with Lutron Hi-lume or eldoLED drivers. Square not compatible with eldoLED drivers.

LENSES/LOUVERS

PRODUCT ¹	
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.

REPLACEMENT OPTICS

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

353E4LEDCOPT

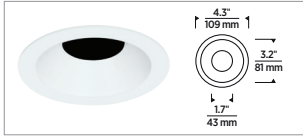


ELEMENT™ 3" LED

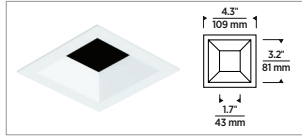
DUAL ADJUSTABLE DOWNLIGHT

TRIMS

FLANGED

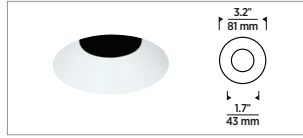


ROUND BEVEL

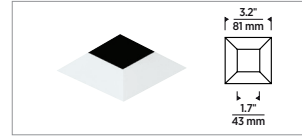


SQUARE BEVEL

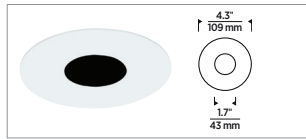
FLANGELESS



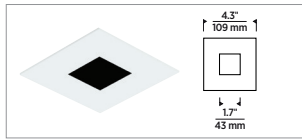
ROUND FLANGELESS



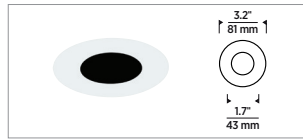
SQUARE FLANGELESS



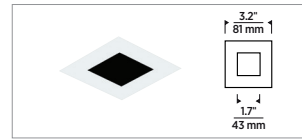
ROUND FLAT



SQUARE FLAT



ROUND FLANGELESS



SQUARE FLANGELESS

FINISH



ANTIQU
BRONZE



BLACK



SATIN
NICKEL

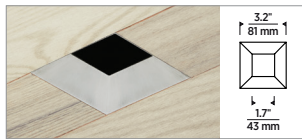


WHITE
(PAINTABLE)

FLANGELESS IN WOOD CEILING



ROUND BEVEL (ANTIQU
BRONZE)



SQUARE BEVEL (SATIN
NICKEL)



ROUND FLAT (ANTIQU
BRONZE)

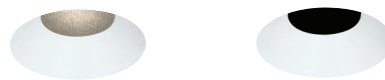


SQUARE FLAT (SATIN
NICKEL)

LENS OPTION



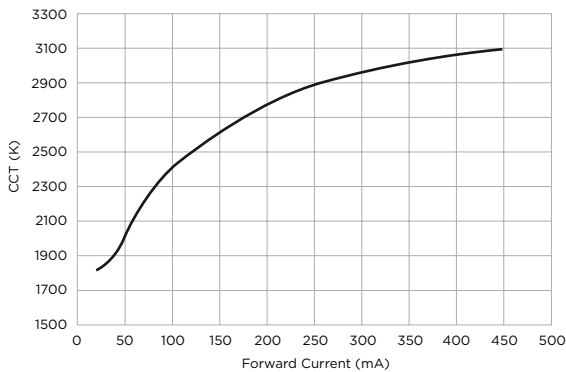
SHOWN WITH AND WITHOUT A LENS (SQUARE FLANGED BEVEL)



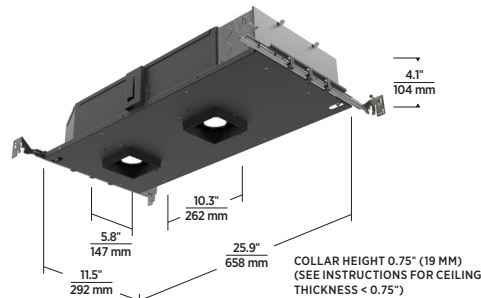
SHOWN WITH AND WITHOUT A LENS (ROUND FLANGELESS BEVEL)

WARM DIM CURVE

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



HOUSING

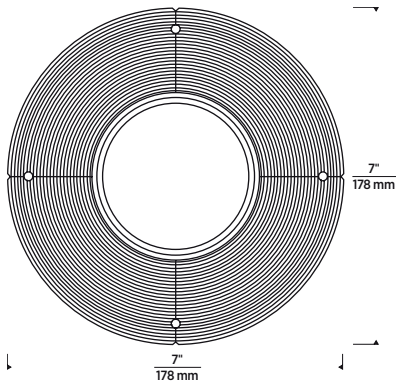


IC AIRTIGHT / NON-IC AIRTIGHT / CHICAGO PLENUM

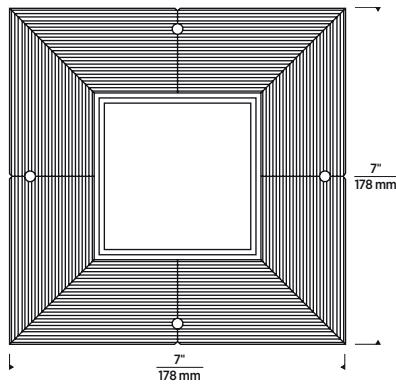


ELEMENT™ 3" LED DUAL ADJUSTABLE DOWNLIGHT

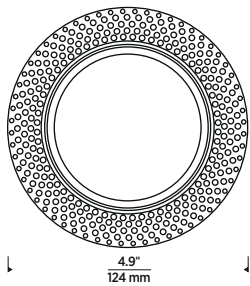
PLASTER PLATES



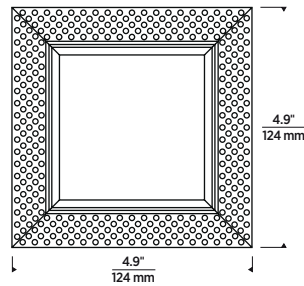
ROUND DIE-CAST MUD/PLASTER PLATE IS INCLUDED FOR FLANGELESS INSTALLATION



SQUARE DIE-CAST MUD/PLASTER PLATE IS INCLUDED FOR FLANGELESS INSTALLATION

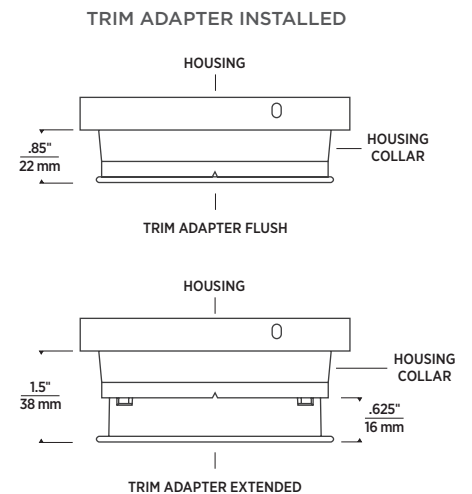
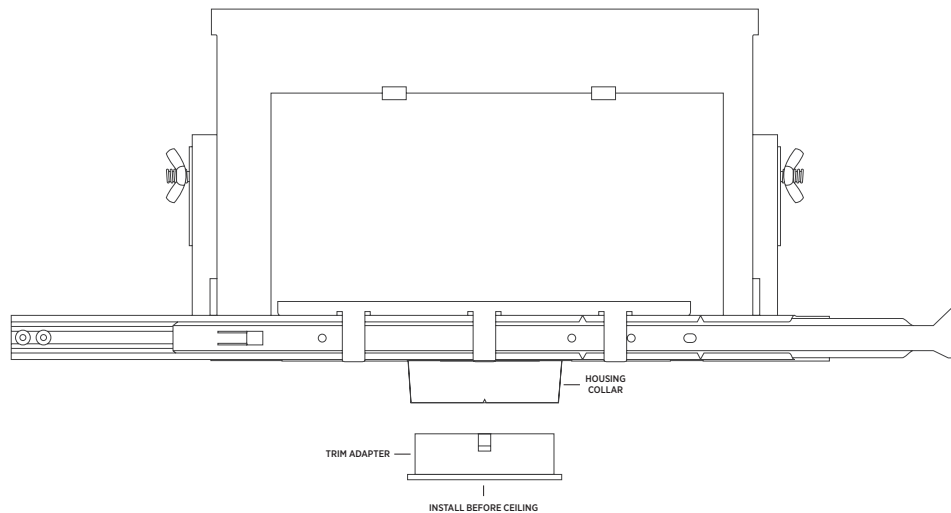


ROUND SHEET METAL MUD/PLASTER PLATE IS OPTIONAL FOR FLANGELESS INSTALLATION



SQUARE SHEET METAL MUD/PLASTER PLATE IS OPTIONAL FOR FLANGELESS INSTALLATION

FLANGELESS IN WOOD CEILING TRIM ADAPTER



Wood ceiling housings ("WC" designation in the ordering grid) ship with an adjustable trim adapter that inserts into the housing aperture and allows standard ELEMENT 3" flangeless trims to achieve a truly flangeless, flush ceiling appearance in special applications such as wood or stone installation. Consult installation instructions regarding plenum requirements and ceiling thickness ratios.

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PHOTOMETRICS

Description: 3" LED Module
10° Beam - 0° Tilt,
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 - 0° Tilt,
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 - 0° Tilt,
90 CRI, 3000K

Input Power: 15.8W

Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1421

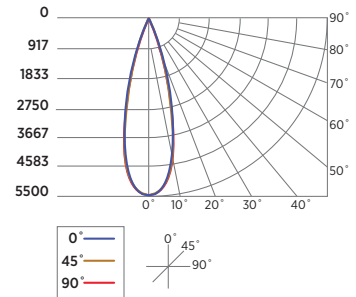
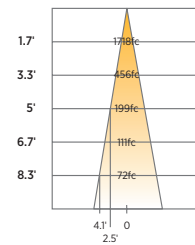
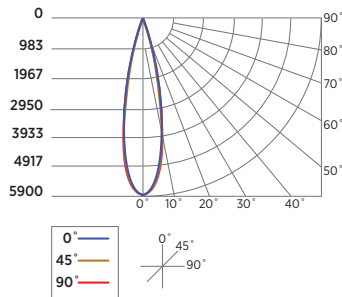
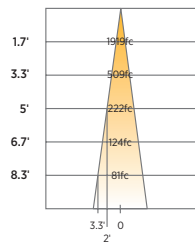
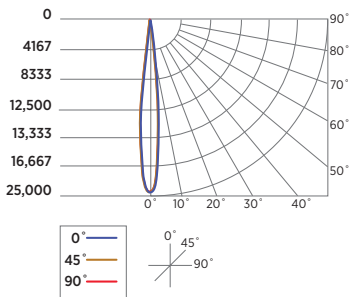
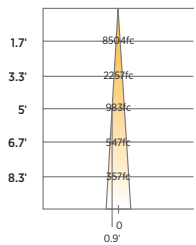
Lumen Efficacy (Lumens per Watt): 89.9

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

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PHOTOMETRICS

Description: 3" LED Module
40° Beam - 0° Tilt,
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 - 0° Tilt,
90 CRI, 3000K

Input Power: 15.7W

Input Power Factor: 0.98

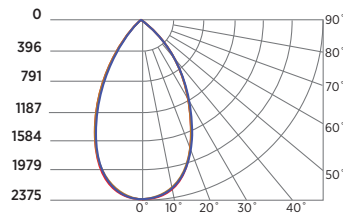
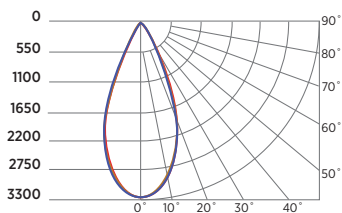
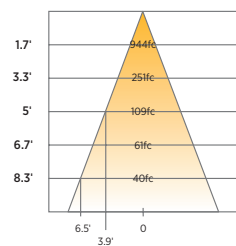
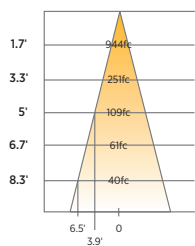
Absolute Luminous Flux (Lumens): 1343

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
