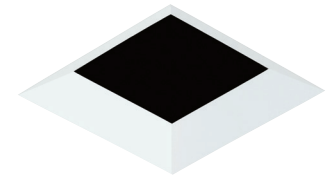


ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

This specification grade, low-profile, adjustable LED downlight delivers high performance for ultra-shallow ceiling plenum installations while maintaining a beautiful architectural ceiling appearance.

- Lockable, hot aiming with 0°-40° tilt and 361° rotation
- Lensed and shower aperture includes Solite Soft Focus lens
- Incorporates integral gunsights for positioning with laser level or string
- 45° adjustable collar rotation after installation assures square trims are perfectly aligned
- Flangeless Wood Ceiling option

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	2900	2465	1800	1450	2374	1300
WATTS	29	29	17	17	31	17
EFFICACY	100	85	106	85	76	76
CRI	80+	90+	80+	90+	90+	
CBCP	10° - 19,414 (low output) 18° - 8,192 25° - 6,907 40° - 4,517 60° - 3,209					
CCT OPTIONS	2700K, 3000K, or 3500K				3000K - 1800K ³	
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% ¹) Lutron Hi-lume EcoSystem (down to 0.1%) Lutron Hi-lume 2-wire (down to 1%) eldoLED 0-10V or Dali (down to 0.1%)					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field changeable: 10°, 18°, 25°, 40°, or 60° TIR					
ADJUSTABILITY	Lockable, hot aiming, 0-40° tilt, 361° rotation, 45° collar 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 2" Note: Thicker ceilings impact light cutoff					
CEILING APERTURE	4-1/2" ceiling cutout					
HOUSING	Non-IC Airtight, Chicago Plenum					
CONSTRUCTION	Housing: Heavy-Gauge, Cold-Rolled Steel Trim: Die-Cast Aluminum					
FINISH	Housing: Black Powder Coat Trim: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTINGS	ETL listed. Damp listed. 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/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 ELEMENT-Lighting.com for dimmer compatibility.

²Visit ELEMENT-Lighting.com for specific warranty limitations and details.

³Warm color dimming not available with 10° optics.

ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	LAMP	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E4R ELEMENT 4" ROUND	L FLANGELESS	-LH HIGH OUTPUT, 29W	827 80 CRI, 2700K, 2-STEP	10 10° ²	A ADJUSTABLE	S LOW-PROFILE NON-IC AIRTIGHT	INTEGRATED DRIVERS 120V/277V	120 VOLT (LEAVE BLANK)
E4S ELEMENT 4" SQUARE	F FLANGED	-LO LOW OUTPUT, 17W	830 80 CRI, 3000K, 2-STEP	18 18°		CS LOW-PROFILE CHICAGO PLENUM	UNIVERSAL PHASE/0-10V 1% (LEAVE BLANK) ³	-277 277 VOLT
	WC WOOD CEILING ¹		835 80 CRI, 3500K, 2-STEP	25 25°				
			927 90 CRI, 2700K, 2-STEP	40 40°				
			930 90 CRI, 3000K, 2-STEP	60 60°				
			935 90 CRI, 3500K, 2-STEP					
			WD 90 CRI, 3000-1800K, WARM DIM, 3-STEP					

A

Trims are required and must be ordered separately.

See dimmer compatibility chart.

¹WC - Wood Ceiling option accommodates Flangeless trims only.

²IO - Available LO Low Output only. 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.

³Universal dimming is reverse-phase, forward-phase, and TRIAC.

TRIM

PRODUCT	CEILING APPEARANCE	STYLE	APERTURE	FINISH
E4R ELEMENT 4" ROUND	L FLANGELESS	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
E4S ELEMENT 4" SQUARE	F FLANGED UP TO 1" CEILING THICKNESS	F FLAT	-H SHOWER	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			

REPLACEMENT OPTICS

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

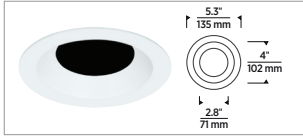
353E4LEDCOPT

ELEMENT™ 4" LED

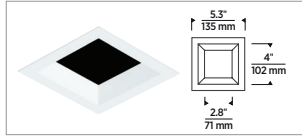
LOW-PROFILE ADJUSTABLE DOWNLIGHT

TRIMS

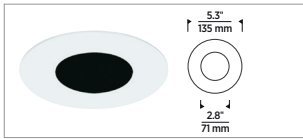
FLANGED



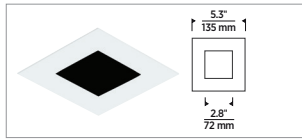
ROUND BEVEL



SQUARE BEVEL

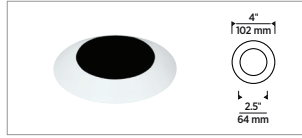


ROUND FLAT

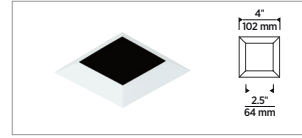


SQUARE FLAT

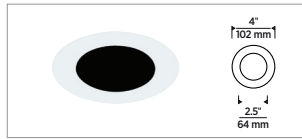
FLANGELESS



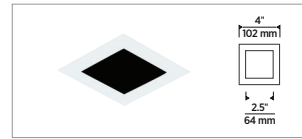
ROUND BEVEL



SQUARE BEVEL



ROUND FLAT



SQUARE FLAT

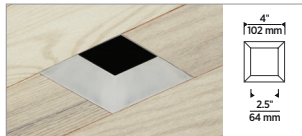
FINISH



FLANGELESS IN WOOD CEILING



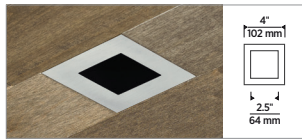
ROUND BEVEL (ANTIQUE BRONZE)



SQUARE BEVEL (SATIN NICKEL)



ROUND FLAT (ANTIQUE BRONZE)



SQUARE FLAT (SATIN NICKEL)

LENS OPTION



SHOWN WITH AND WITHOUT A LENS (SQUARE FLANGED BEVEL)

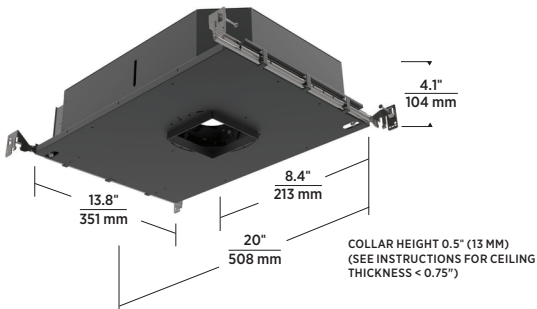


SHOWN WITH AND WITHOUT A LENS (ROUND FLANGELESS BEVEL)

See installation instruction sheet on techlighting.com.

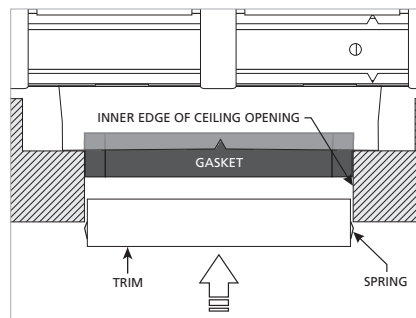
HOUSING

Max ceiling thickness for flanged: 2.5"



NON-IC AIRTIGHT / CHICAGO PLENUM

Flangeless in Wood Ceiling Installation


















ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT

ELEMENT Specular Reflectors reduce glare while creating a clean, quiet ceiling appearance. Available finishes include Anodized Gold for a decorative accent, or Anodized Black for a truly silent ceiling look. These beautiful trim accessories have been specifically designed to minimize any effect on light performance, color, and output. Specular Reflectors are available for both Adjustable and Fixed downlights, and are compatible with ELEMENT 4" trims and housings.

- Can be easily installed or removed
- Mounts to existing trim
- Compatible with Fixed and Adjustable Housings
- Finish Options: Anodized Gold (G) or Anodized Black (B)

SPECIFICATIONS

COMPATIBLE TRIMS	NON-SLOTTED (FOR FIXED ¹)	SLOTTED (FOR ADJUSTABLE)
 4" round, flanged, bevel	 E4TREFNS2 (B, G)	 E4TREFS5 (B, G)
 4" round, flanged, flat	 E4TREFNS1 (B, G)	 E4TREFS3 (B, G)
 4" round, flangeless, bevel	 E4TREFNS2 (B, G)	 E4TREFS5 (B, G)
 4" round, flangeless, flat	 E4TREFNS1 (B, G)	 E4TREFS3 (B, G)
 4" square, flanged, bevel	 E4TREFNS6 (B, G)	 E4TREFS2 (B, G)

Only compatible with ELEMENT 4" LED series.
 May require lamp to be placed in High position.
 Not available for ELEMENT 4" Square Flat trims or Square Flangeless Bevel trims.
 Not compatible with lensed trims.
¹Non-slotted Reflectors may be used in Adjustable Housings with the lamp assembly placed in the 0° tilt position.

ORDERING GRID

E4 TRIM MOUNTED REFLECTORS¹

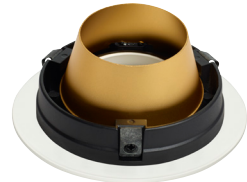
PRODUCT	STYLE	FINISH
E4TREF	NS1 NON-SLOTTED	B ANODIZED BLACK
	NS2 NON-SLOTTED	G ANODIZED GOLD
	NS6 NON-SLOTTED	
	S2 SLOTTED	
	S3 SLOTTED	
	S5 SLOTTED	

E4TREF

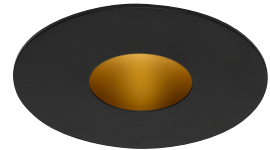
¹Not compatible with lensed trims.



SHOWN IN ANODIZED BLACK (REFLECTOR ONLY)



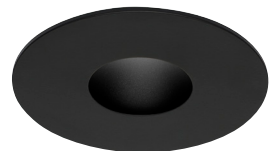
SHOWN IN ANODIZED GOLD (TRIM MOUNTED)



SHOWN IN ANODIZED GOLD (BELOW CEILING VIEW)



SHOWN IN ANODIZED GOLD (BELOW CEILING VIEW)



SHOWN IN ANODIZED BLACK (BELOW CEILING VIEW)

ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT

PHOTOMETRICS

Description: 4" LED Module
18° Beam - 0° Tilt,
90 CRI, 3000K

Model: E4 Citizen LED

Input Power (Watts): 32.9
Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 2494

Lumen Efficacy (Lumens per Watt): 76

Description: 4" LED Module
25° Beam - 0° Tilt,
90 CRI, 3000K

Model: E4 Citizen LED

Input Power (Watts): 32.7
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2456

Lumen Efficacy (Lumens per Watt): 75

Description: 4" LED Module
40° Beam - 0° Tilt,
90 CRI, 3000K

Model: E4 Citizen LED

Input Power (Watts): 32.8
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 2584

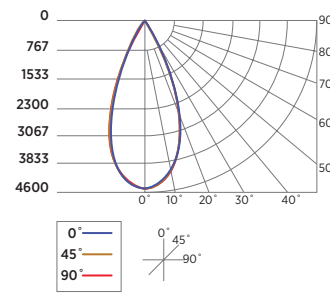
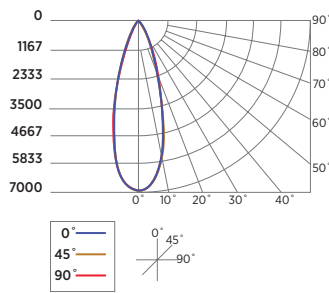
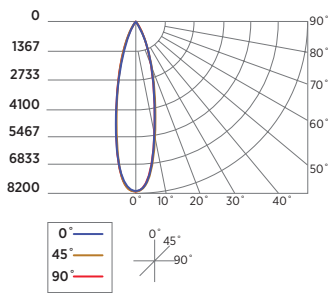
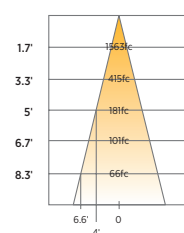
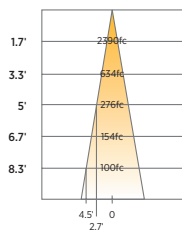
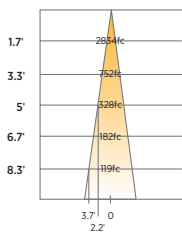
Lumen Efficacy (Lumens per Watt): 79

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

ANGLE	0°	45°	90°
0°	8192	8192	8192
5°	7438	7514	7532
10°	5277	5300	5297
15°	3190	3214	3209
20°	1898	1908	1900
25°	1066	1077	1064
30°	610	626	608
35°	319	386	325
40°	161	249	162
45°	94	145	94
50°	62	77	63
55°	37	49	37
60°	25	30	25
65°	12	16	13
70°	1	7	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	6907	6907	6907
5°	6578	6568	6565
10°	5455	5476	5467
15°	3575	3584	3595
20°	1856	1910	1947
25°	997	1040	1057
30°	623	654	660
35°	330	433	358
40°	153	276	165
45°	88	149	96
50°	57	73	61
55°	32	44	35
60°	19	25	21
65°	8	12	9
70°	0	4	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	4517	4517	4517
5°	4385	4393	4402
10°	4053	4071	4076
15°	3498	3518	3534
20°	2595	2648	2698
25°	1635	1620	1598
30°	860	850	804
35°	374	429	396
40°	179	224	190
45°	101	123	107
50°	60	75	64
55°	31	47	32
60°	19	26	20
65°	7	12	8
70°	1	3	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT

PHOTOMETRICS

Description: 4" LED Module
60° Beam - 0° Tilt,
80 CRI, 3000K

Model: E4 Citizen LED

Input Power (Watts): 30.7

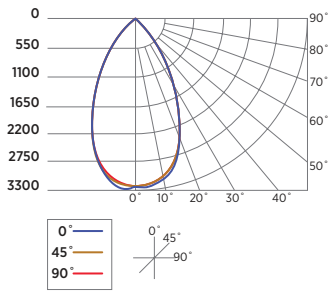
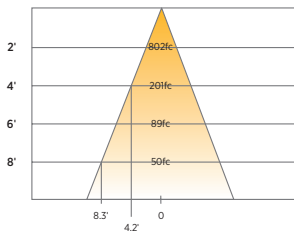
Input Power Factor: 0.98

Absolute Luminous
Flux (Lumens): 3178

Lumen Efficacy
(Lumens per Watt): 103.4

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

ANGLE	0°	45°	90°
0°	3209	3209	3209
5°	3215	3152	3158
10°	3103	3067	3068
15°	2869	2852	2881
20°	2428	2393	2468
25°	1881	1814	1930
30°	1398	1324	1441
35°	982	939	1038
40°	597	603	681
45°	334	359	393
50°	186	202	210
55°	89	118	98
60°	46	74	50
65°	25	38	27
70°	6	15	7
75°	4	4	4
80°	3	3	3
85°	1	1	1
90°	0	0	0



ELEMENT™ 4" LED

LOW-PROFILE ADJUSTABLE DOWNLIGHT

PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES

