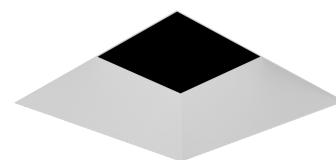


ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

The ELEMENT 3" Next Generation Adjustable recessed downlight features full adjustability with lockable, tool-free, hot aiming. ELEMENT's patented high/low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher in the ceiling to minimize glare and flash on the trim. Options include premium warm dimming, tunable white, Xicato and Xicato Artist Series LED modules. Trim options include flanged or flangeless and flangeless in wood ceiling.

- Housing reduced by 60%
- Tool-free aiming/locking: 0–40° tilt, 361° rotation
- Patented high/low lamp positioning
- 1-step for static white 2700K, 3000K, and 3500K; and 2-step for all other configurations
- Standard dimming down to 1%
- Trims reflector options
- Solite Soft Focus lens option

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		XICATO		WARM DIM		TUNABLE WHITE	
	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES	HIGH OUTPUT	LOW OUTPUT	5000K-2700K (3000K)	4000K-1800K (3000K)
DELIVERED LUMENS	1697/1440	1303/1106	1129	945	1225	941	1174	1209
WATTS	16	12	15	15	16	12	15	15
EFFICACY	106/90	109/92	75	63	77	78	78	81
CRI	80+/90+		80+	95+	90+			
CBCP	10° - 24,575 18° - 5,639 25° - 5,033 40° - 2,739 60° - 1,699		21° - 3,184 43° - 2,733 60° - 1,014 (Values at 80 CRI)		18° - 4,793 25° - 4,221 40° - 2,328 60° - 1,444		18° - 5,019 25° - 4,220 40° - 2,438 60° - 1,512	
CCT	2700K, 3000K, or 3500K		2700K, 3000K, or 3500K ³		3000K-1800K		5000K-2700K	4000K-1800K
COLOR CONSISTENCY	1-step (2-step for 2200K, 2400K)		1 X 2-step		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% Lutron Hi-lume EcoSystem down to 0.1%						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: 10°, 18°, 25°, 40°, or 60° TIR		Field changeable: 21°, 43°, or 60° reflector		Field changeable: 18°, 25°, 40°, or 60° TIR			
ADJUSTABILITY	Lockable, hot-aiming 0-40° tilt, 361° rotation, high/low lamp positioning, 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 1-1/2" Note: Thicker ceilings impact light cutoff							
CEILING APERTURE	3-7/8" ceiling cutout							
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.

¹See visualcomfort.com for dimmer compatibility.

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

³3500K Xicato module not available for Artist series.



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UPDATED 9/2/25

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER
E3R ELEMENT 3" ROUND	LF FLANGELESS	-LH HIGH	827 80 CRI, 2700K, 1-STEP	0 10° ⁵	A ADJUSTABLE	I IC AIRTIGHT	INTEGRATED DRIVERS 120V/277V
	FF FLANGED	OUTPUT, 16W ²	830 80 CRI, 3000K, 1-STEP	1 18°		N NON-IC AIRTIGHT	
E3S ELEMENT 3" SQUARE	WC WOOD CEILING ¹	-LO LOW	835 80 CRI, 3500K, 1-STEP	2 25°		C CHICAGO PLENUM	(LEAVE BLANK) ⁶
		OUTPUT, 12W ³	922 90 CRI, 2200K, 2-STEP	4 40°		E EMERGENCY	
			924 90 CRI, 2400K, 2-STEP	6 60°		BATTERY (NON-IC / CHICAGO PLENUM)	-ELDO ELDOLED 0.1% 0-10V LINEAR
			927 90 CRI, 2700K, 1-STEP				-ELDOA ELDOLED 0.1% 0-10V LOGARITHMIC
			930 90 CRI, 3000K, 1-STEP				-ELDD ELDOLED 0.1% DALI-2
			935 90 CRI, 3500K, 1-STEP				-ELTO ELDOLED TUNABLE WHITE 0.1% 0-10V LINEAR ^{4,7}
			WD 90 CRI, 3000-1800K, WARM DIM, 2-STEP				-ELTD ELDOLED TUNABLE WHITE 0.1% DALI-2 ^{4,7}
			TW52 90 CRI, 5000K-2700K, TUNABLE WHITE, 2-STEP ⁴				-HLECO LUTRON HI-LUME 0.1% ECOSYSTEM
			TW41 90 CRI, 4000K-1800K, TUNABLE WHITE, 2-STEP ⁴				
		-X XICATO, HIGH OUTPUT, 14W ⁸	I27 80 CRI, 2700K, 1X2-STEP, XICATO	21 21° XICATO			
			I30 80 CRI, 3000K, 1X2-STEP, XICATO	43 43° XICATO			
			I35 80 CRI, 3500K, 1X2-STEP, XICATO	60 60° XICATO			
			A27 95 CRI, 2700K, 1X2-STEP, XICATO ARTIST				
			A30 95 CRI, 3000K, 1X2-STEP, XICATO ARTIST				
		-			A		

Trims are required and must be ordered separately.
For dimming details, refer to dimmer compatibility chart.
¹WC - Wood ceiling option accommodates flangeless trims only.
²LH - High output available for wet applications. 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.
⁴TW52/TW41/ELTO/ELTD - Tunable white only available in high output, only available with ELTO (0-10V, linear), or ELTD (DALI-2). For 0-10V logarithmic dimming consult Quotes Department.
⁵0 - 10° optic has a unique LED module not available with warm dim or tunable white. Changing optics to 18°, 25°, 40° or 60°, will require a new LED module.
⁶Universal dimming is reverse-phase, forward-phase, TRIAC and 0-10V. 277V is only compatible with 0-10V dimming.
⁷ELTO/ELTD - eldoLED tunable white drivers are not compatible with round flangeless (E3RLF) or round wood ceiling (E3RWC) housings.
⁸X - Xicato housings utilize dedicated standard phase, 0-10V, 120V and 277V drivers. If ordering Xicato with standard drivers (non-Lutron or eldoLED), at the end of the item number please specify:
-010 for 0-10V 120V, -277 for Phase 277V or -010-277 for 0-10V 277. For example: E3RLF-XA2743DI-010 or E3RLF-XA2743DI-277 or E3RLF-XA2743DI-010-277. Due to the size of some of the Xicato Reflectors, it may not be feasible to tilt the fixture in the 'low' position. It is still tiltable in the 'high' position.

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 UP TO 1" CEILING THICKNESS	F FLAT	-H SHOWER ^{1,2}	B BLACK
	F15 FLANGED 1.1"-1.5" CEILING THICKNESS		-L LENSED ²	S SATIN NICKEL
	F20 FLANGED 1.6"-2.0" CEILING THICKNESS			W WHITE
	F25 FLANGED 2.1"-2.5" CEILING THICKNESS			
			-	

Wood ceiling option accommodates flangeless trims only.
¹H - Sauna/steam-room use available only with combination of H shower trim, LO output housing, and I IC housing rating. Shower lens includes a gasket.
²H, L - Lensed products come with Solite Soft Focus lens.

WALL WASH TRIM

PRODUCT ¹	CEILING APPEARANCE	STYLE	FINISH	LED
E3R ELEMENT 3" ROUND	L FLANGELESS	W WALL WASH	-Z ANTIQUE BRONZE	-LED
E3S ELEMENT 3" SQUARE	F FLANGED		-B BLACK	
			-S SATIN NICKEL	
			-W WHITE	
		W	-	-LED

¹Wall wash trims may be used to convert the ELEMENT Adjustable housing to a wall wash. For dedicated wall wash housings, refer to the ELEMENT 3" Wall Wash specification sheet.

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

FROSTED BOROSILICATE LENS KIT

PRODUCT
240E3SBLSP-B BOROSILICATE LENS KIT ELEMENT 3" SQUARE BEVEL TRIM
240E3SQLSP-B BOROSILICATE LENS KIT ELEMENT 3" SQUARE FLAT TRIM
240E3RBLSP-B BOROSILICATE LENS KIT ELEMENT 3" ROUND BEVEL TRIM
240E3RDLSP-B BOROSILICATE LENS KIT ELEMENT 3" ROUND FLAT TRIM

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

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

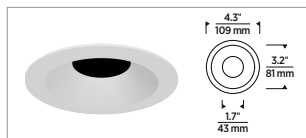
REPLACEMENT OPTICS		REPLACEMENT REFLECTORS		PREMIUM LENS HOLDER		PLASTER PLATES
PRODUCT	BEAM SPREAD	PRODUCT ¹	BEAM SPREAD	PRODUCT	LENSES	PRODUCT ¹
353E4LEDCOPT	18 18°	352LEDXREF	21 21°	240E3LENSHLDR	1 ONE LENS	150E3RPPLT-2 3" PLASTER PLATE ROUND DIE-CAST METAL ¹
	25 25°		43 43°		2 TWO LENSES	150E3SPPLT-2 3" PLASTER PLATE SQUARE DIE-CAST METAL ¹
	40 40°		60 60°	240E3LENSHLDR		150E3RTPPLT-W 3" PLASTER PLATE ROUND SHEET METAL ²
	60 60°					150E3STPPLT-W 3" PLASTER PLATE SQUARE SHEET METAL ²
353E4LEDCOPT		352LEDXREF				
		¹ For use with Xicato modules only.		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.		Used to convert flanged housings into flangeless housings. ¹ Ships standard with flangeless housings. Round not compatible with Lutron Hi-lume or eldoLED drivers. ² Optional, 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.

ELEMENT™ 3" LED

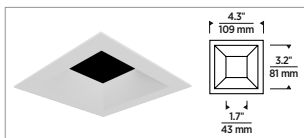
ADJUSTABLE DOWNLIGHT

TRIMS

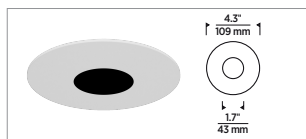
FLANGED



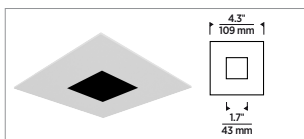
ROUND BEVEL



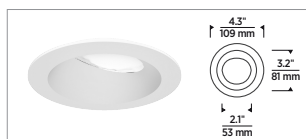
SQUARE BEVEL



ROUND FLAT



SQUARE FLAT

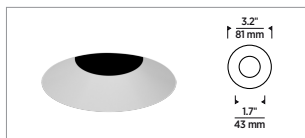


ROUND WALL WASH

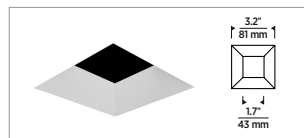


SQUARE WALL WASH

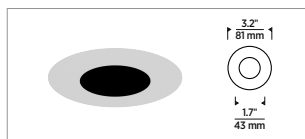
FLANGELESS



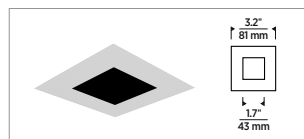
ROUND BEVEL



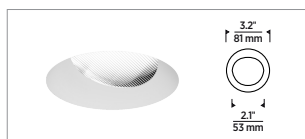
SQUARE BEVEL



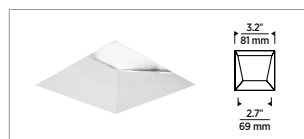
ROUND FLAT



SQUARE FLAT



ROUND WALL WASH



SQUARE WALL WASH

FINISH



ANTIQUE BRONZE



BLACK



SATIN NICKEL



WHITE (PAINTABLE)

FLANGELESS IN WOOD CEILING



SHOWN IN ANTIQUE BRONZE



See installation instruction sheet on visualcomfort.com.

LENS OPTION

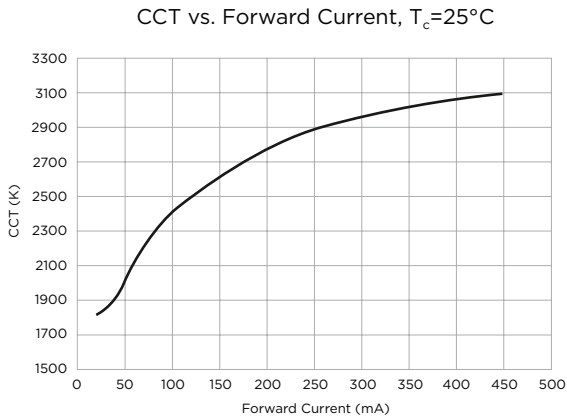


SHOWN WITH AND WITHOUT A LENS

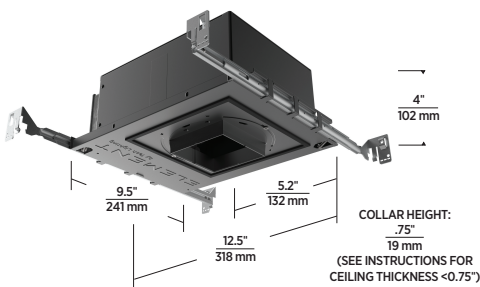
ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

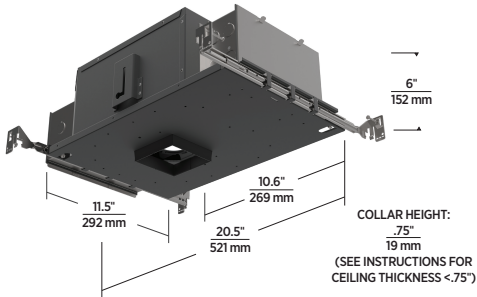
WARM DIM CURVE



HOUSING



IC AIRTIGHT / NON-IC AIRTIGHT / CHICAGO PLENUM



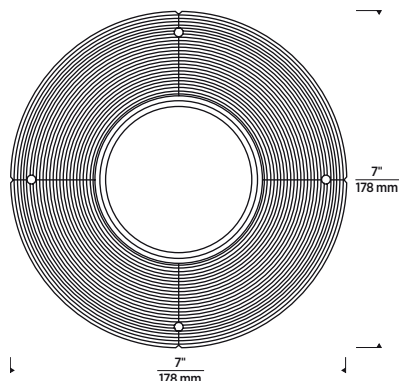
EMERGENCY BATTERY (NON-IC AIRTIGHT / CHICAGO PLENUM)

ELEMENT™ 3" LED

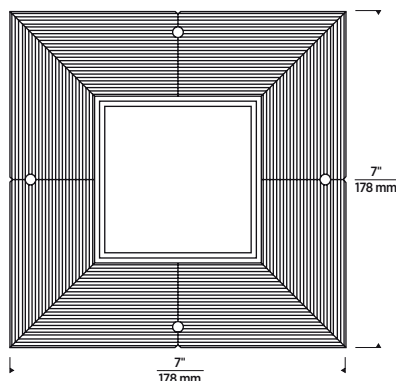
ADJUSTABLE DOWNLIGHT

PLASTER PLATES

INCLUDED DIE-CAST

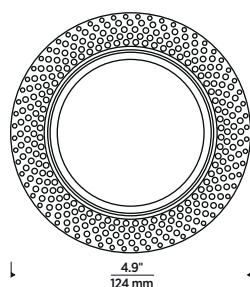


ROUND DIE-CAST (INCLUDED FOR FLANGELESS INSTALLATION)

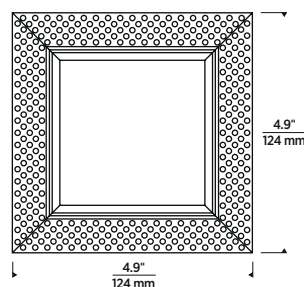


SQUARE DIE-CAST (INCLUDED FOR FLANGELESS INSTALLATION)

OPTIONAL SHEET METAL

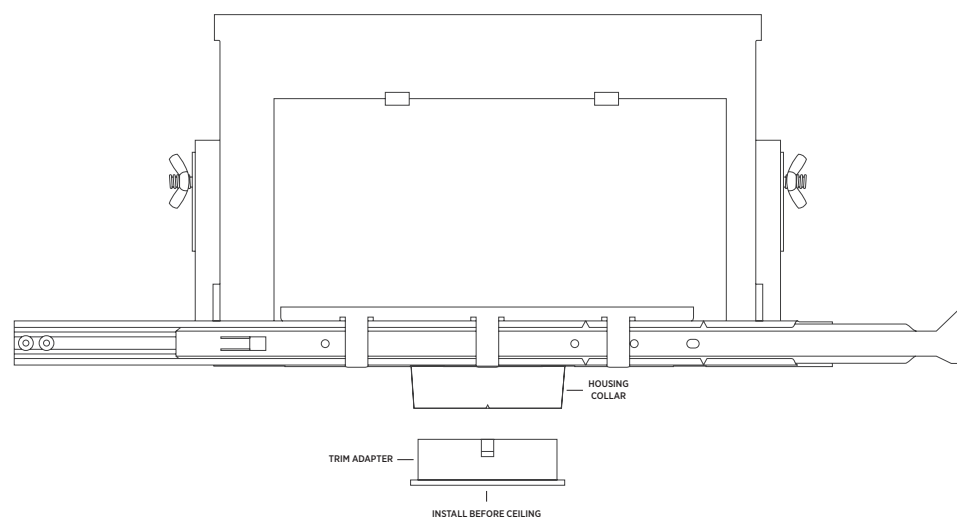


ROUND SHEET METAL (OPTIONAL FOR FLANGELESS INSTALLATION)

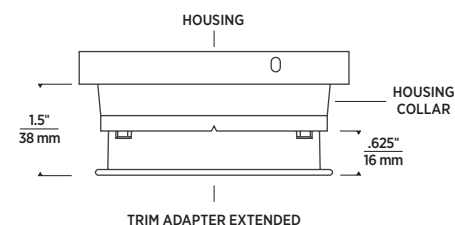
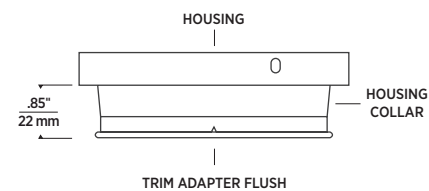


SQUARE SHEET METAL (OPTIONAL FOR FLANGELESS INSTALLATION)

FLANGELESS IN WOOD CEILING TRIM ADAPTER



TRIM ADAPTER INSTALLED



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. For use in new construction. Consult installation instructions regarding plenum requirements and ceiling thickness ratios.

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

TRIM-MOUNTED REFLECTORS

ELEMENT Specular Reflectors reduce glare while creating a clean, quiet ceiling appearance. Available finishes include Anodized Gold and Silver for a decorative accent or Anodized Black for an ultimate quiet ceiling aesthetic. 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 3" trims and housings.

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

SPECIFICATIONS

COMPATIBLE TRIMS		NON-SLOTTED (FOR FIXED¹)		SLOTTED (FOR ADJUSTABLE)	
	3" round, flanged, bevel		E3TREFNS1 (B OR S)		E3TREFS4 (B OR S)
	3" square, flanged, bevel		E3TREFNS5 (B OR S)		E3TREFS1 (B OR S)
	3" round, flanged, flat		E3TREFNS1 (B OR S)		E3TREFS4 (B OR S)
	3" square, flanged, flat		E3TREFNS3 (B OR S)		E3TREFS2 (B OR S)
	3" round, flangeless, bevel		E3TREFNS2 (B OR S)		E3TREFS6 (B OR S)
	3" square, flangeless, bevel		E3TREFNS6 (B OR S)		E3TREFS5 (B OR S)
	3" round, flangeless, flat		E3TREFNS4 (B OR S)		E3TREFS3 (B OR S)
	3" square, flangeless, flat		E3TREFNS3 (B OR S)		E3TREFS2 (B OR S)

May require lamp to be placed in high position.
Not compatible with lensed trims.
¹Non-slotted reflectors may be used in adjustable housings with the lamp assembly placed in the 0° tilt position.

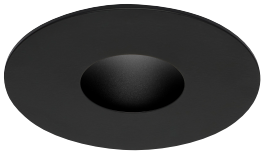
ORDERING GRID

E3 TRIM-MOUNTED REFLECTORS

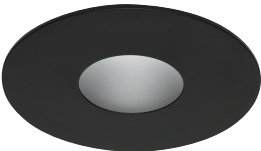
PRODUCT	STYLE	FINISH
E3TREF	NS1 NON-SLOTTED	B ANODIZED BLACK
	NS2 NON-SLOTTED	S ANODIZED SILVER
	NS3 NON-SLOTTED	
	NS4 NON-SLOTTED	
	NS5 NON-SLOTTED	
	NS6 NON-SLOTTED	
	S1 SLOTTED	
	S2 SLOTTED	
	S3 SLOTTED	
	S4 SLOTTED	
	S5 SLOTTED	
	S6 SLOTTED	

E3TREF

Reflectors are placed on top of the inside of the trim or affixed via screws (only if provided).



SHOWN IN ANODIZED BLACK
(BELOW CEILING VIEW)



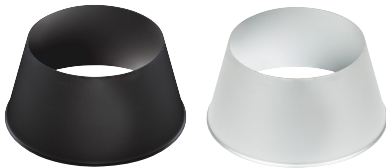
SHOWN IN ANODIZED SILVER
(BELOW CEILING VIEW)



SHOWN IN ANODIZED SILVER
(BELOW CEILING VIEW)



SHOWN IN ANODIZED BLACK
(TRIM MOUNTED)



SHOWN IN ANODIZED BLACK AND
SILVER (REFLECTOR ONLY)

ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

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

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

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

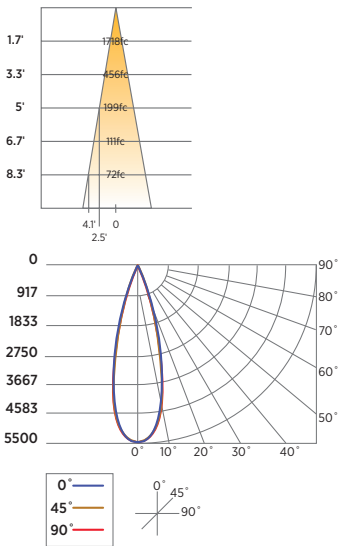
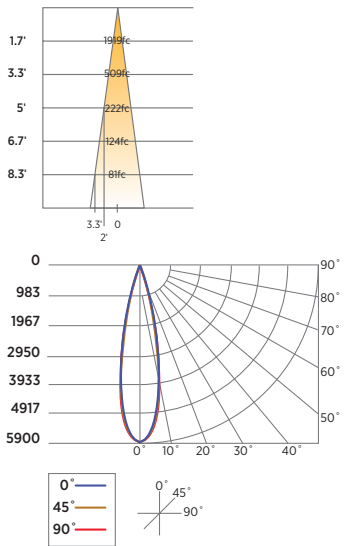
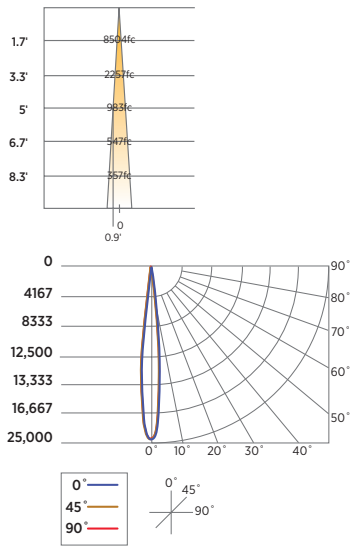
Absolute Luminous Flux (Lumens):1421

Lumen Efficacy (Lumens per Watt):89.9

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

ADJUSTABLE DOWNLIGHT

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

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

Description:3" LED Module
60° Beam, 0° Tilt
90 CRI, 3000K

Input Power:15.7W

Input Power Factor:0.98

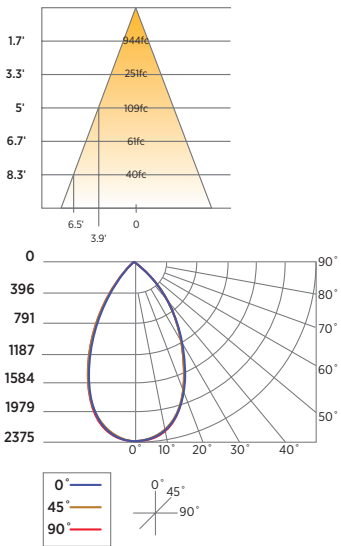
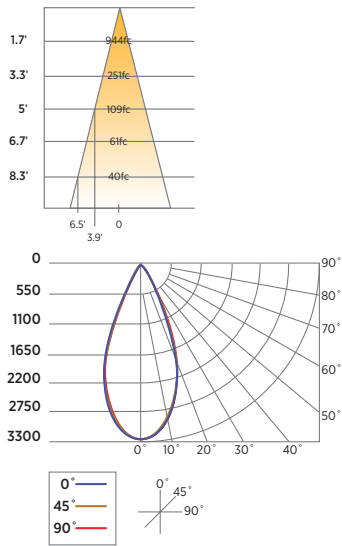
Absolute Luminous
Flux (Lumens):1343

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



ELEMENT™ 3" LED

ADJUSTABLE DOWNLIGHT

PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES