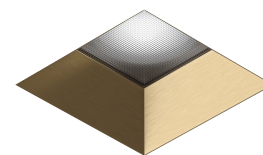


ELEMENT™ 3" LED MARINE GRADE

COASTAL RATED FIXED DOWNLIGHT, IP65

The ELEMENT 3" Marine Grade Fixed Downlight combines premium architectural aesthetics, exceptional performance, and materials specifically chosen for coastal environments. Corrosion-resistant solid brass trims form a wet-rated seal around the LED module, ensuring durability and long-lasting quality. ELEMENT 3" Marine Grade is the ideal lighting solution for coastal homes, waterfront properties, and seaside establishments.

- Corrosion-resistant solid brass trims ensure long-lasting durability
- 1-step for static white 2700K, 3000K, and 3500K; and 2-step for all other configurations
- Delivers up to 1400 lumens for premium LED performance
- Offers flanged, flangeless, and flangeless in wood ceiling die-cast trims
- Available in IC Airtight
- Natatorium compliant when installed 12 feet above water surface



SHOWN IN FLANGELESS BEVEL SQUARE

LUMEN/CBCP MULTIPLIERS

CCT	90 CRI MULTIPLIER
2200K	0.60
2400K	0.83
2700K	0.90
3000K	1.00
3500K	1.10

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

SPECIFICATIONS

	STATIC WHITE		WARM DIM
	HIGH OUTPUT	LOW OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1400	1000	900
WATTS	16	12	12
EFFICACY	88	83	75
CRI	90+		
CBCP	40° - 2633	NA	40° - 1736
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%		
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency		
OPTICS	18°, 25°, 40°, or 60°		
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 Marine Grade		
CONSTRUCTION	Housing: Galvanized steel Trims: Die-cast brass		
FINISH	Housing: Black powder coat Trim: Black Brass, Natural Brass, or White Brass		
GENERAL LISTINGS	ETL Listed. Wet Location. IP65 per IEC 60598-1		
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2019 Title 24 Part 6 (JA8-2016, JA8-2019).		
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.

ELEMENT™ 3" LED MARINE GRADE

COASTAL RATED FIXED DOWNLIGHT, IP65

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	OUTPUT	HOUSING RATING	DRIVER
E3R ELEMENT 3" ROUND	F FLANGED	-LH HIGH OUTPUT, 16W	IM IC AIRTIGHT MARINE GRADE	INTEGRATED DRIVERS 120V/277V
E3S ELEMENT 3" SQUARE	L FLANGELESS	-LO LOW OUTPUT, 12W ²		UNV UNIVERSAL PHASE/0-10V 1% ³
	WC FLANGELESS WOOD CEILING ¹			
		-	IM	UNV

Trims are required and must be ordered separately.
For dimming details, refer to dimmer compatibility chart.
¹WC - Wood ceiling option accommodates flangeless trims only.
²LO - Low Output housing required for 9WD Warm Dim.
³UNV - Universal dimming is reverse-phase, forward-phase, TRIAC and 0-10V. 277V is only compatible with 0-10V dimming.

TRIM

PRODUCT	CEILING APPEARANCE	STYLE	FUNCTION	LED	BEAM SPREAD	FINISH
E3R ELEMENT 3" ROUND MARINE	L FLANGELESS	B BEVEL	D FIXED DOWNLIGHT	922 90 CRI, 2200K, 2-STEP	18 18°	-BM BLACK BRASS
E3S ELEMENT 3" SQUARE MARINE	F FLANGED UP TO 1" CEILING THICKNESS			924 90 CRI, 2400K, 2-STEP	25 25°	-NBM NATURAL BRASS
	F15 FLANGED 1.1"-1.5" CEILING THICKNESS			927 90 CRI, 2700K, 1-STEP	40 40°	-WM WHITE BRASS
	F20 FLANGED 1.6"-2.0" CEILING THICKNESS			930 90 CRI, 3000K, 1-STEP	60 60°	
	F25 FLANGED 2.1"-2.5" CEILING THICKNESS			935 90 CRI, 3500K, 1-STEP		
				9WD 90 CRI, 3000K-1800K, WARM DIM, 2-STEP ¹		
		B	D			-

WC - Wood ceiling option accommodates flangeless trims only.
¹9WD - Warm Dim requires LO Low Output housing.

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.
²Optional, thinner, meshed sheet-metal mud plates available for minimized plaster feathering to meet installer preference.

REPLACEMENT OPTICS

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

18°, 25°, 40°, and 60° optics are field-interchangeable.

ELEMENT™ 3" LED MARINE GRADE

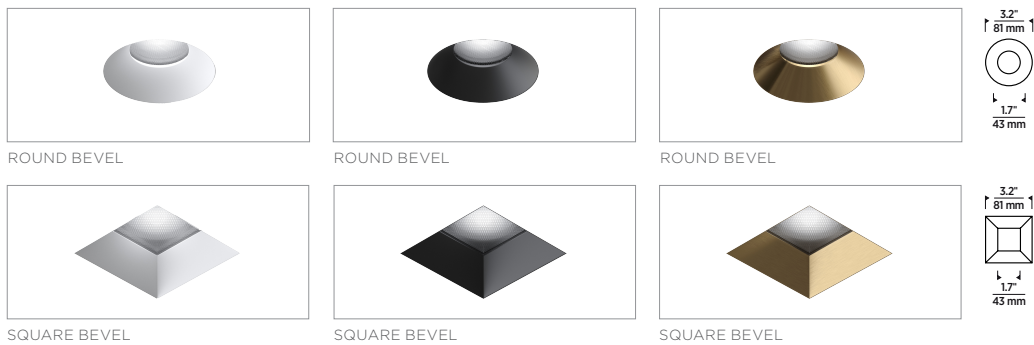
COASTAL RATED FIXED DOWNLIGHT, IP65

TRIMS

FLANGED



FLANGELESS



FLANGELESS IN WOOD CEILING

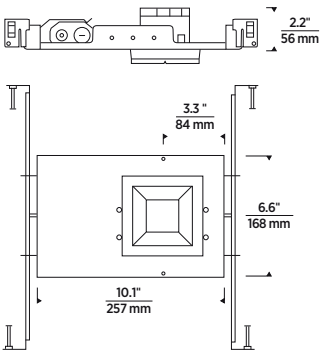
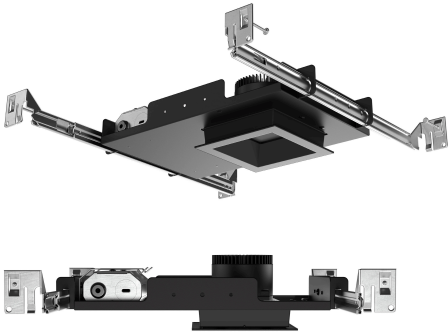


ELEMENT™ 3" LED MARINE GRADE
 COASTAL RATED FIXED DOWNLIGHT, IP65

HOUSING

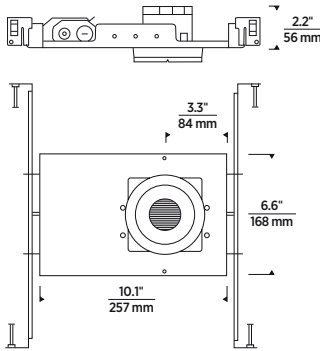
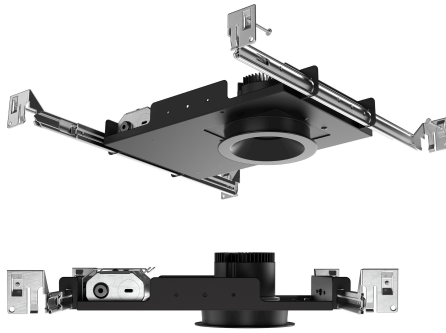
SQUARE

IC AIRTIGHT MARINE GRADE

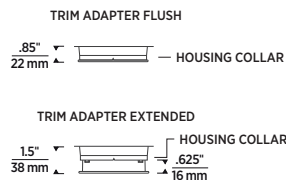
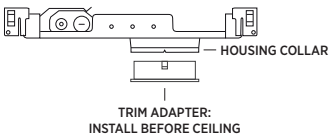


ROUND

IC AIRTIGHT MARINE GRADE



FLANGELESS IN WOOD CEILING TRIM ADAPTER



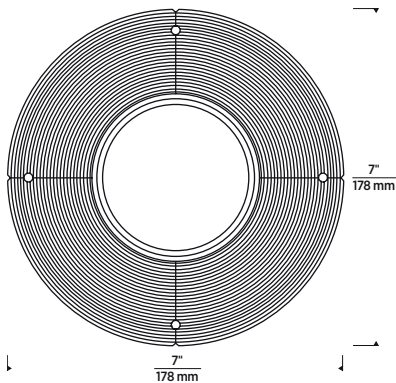
Wood ceiling housings ("WC" designation in the ordering grid) ship with an adjustable trim adapter that inserts into the housing aperture and allows standard ELEMENT 3" flangeless trims to achieve a truly flangeless, flush ceiling appearance in special applications such as wood or stone installation.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

ELEMENT™ 3" LED MARINE GRADE

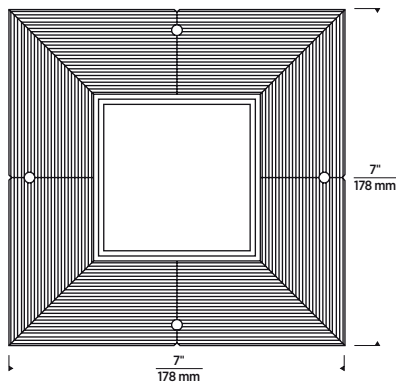
COASTAL RATED FIXED DOWNLIGHT, IP65

PLASTER PLATES

INCLUDED DIE-CAST

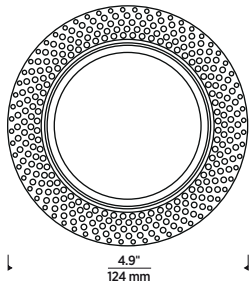


ROUND DIE-CAST (INCLUDED FOR FLANGELESS INSTALLATION)

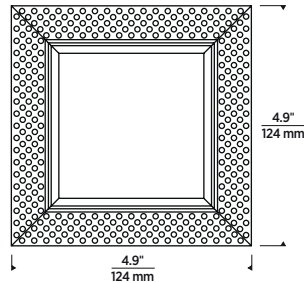


SQUARE DIE-CAST (INCLUDED FOR FLANGELESS INSTALLATION)

OPTIONAL SHEET METAL



ROUND SHEET METAL (OPTIONAL FOR FLANGELESS INSTALLATION)



SQUARE SHEET METAL (OPTIONAL FOR FLANGELESS INSTALLATION)

ELEMENT™ 3" LED MARINE GRADE
 COASTAL RATED FIXED DOWNLIGHT, IP65

PHOTOMETRICS

Description:	3" LED Module 18° Beam 90 CRI, 3000K
Input Power:	16.2W
Input Power Factor:	0.99
Absolute Luminous Flux (Lumens):	1215
Lumen Efficacy (Lumens per Watt):	75
Output difference between CCTs - 5%, CRIs - 15%.	

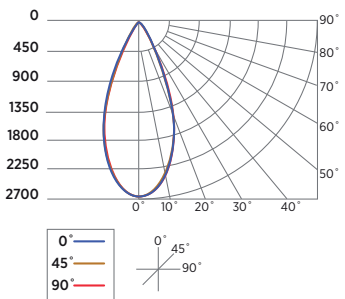
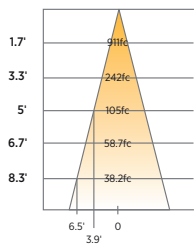
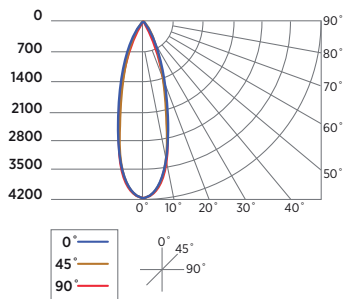
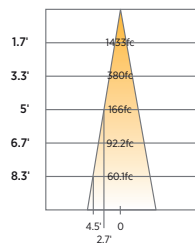
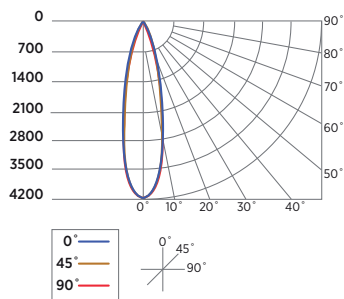
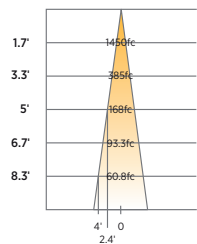
Description:	3" LED Module 25° Beam 90 CRI, 3000K
Input Power:	16.2W
Input Power Factor:	0.99
Absolute Luminous Flux (Lumens):	1350
Lumen Efficacy (Lumens per Watt):	83
Output difference between CCTs - 5%, CRIs - 15%.	

Description:	3" LED Module 40° Beam 90 CRI, 3000K
Input Power:	16.2W
Input Power Factor:	0.99
Absolute Luminous Flux (Lumens):	1425
Lumen Efficacy (Lumens per Watt):	88
Output difference between CCTs - 5%, CRIs - 15%.	

ANGLE	0°	45°	90°
0°	4190	4190	4190
5°	3907	3837	3785
10°	3009	2872	2772
15°	1928	1818	1703
20°	1081	1034	925
25°	547	554	465
30°	266	278	226
35°	133	136	116
40°	74	71	67
45°	46	43	41
50°	27	29	23
55°	15	20	13
60°	9	12	9
65°	6	7	6
70°	5	4	4
75°	1	2	1
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	4140	4140	4140
5°	3913	3872	3860
10°	3193	3190	3064
15°	2224	2120	2040
20°	1310	1239	1130
25°	679	651	558
30°	338	329	265
35°	171	163	133
40°	91	84	72
45°	52	48	42
50°	28	30	22
55°	13	20	11
60°	8	11	7
65°	5	6	5
70°	4	3	3
75°	1	2	1
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	2633	2633	2633
5°	2587	2565	2570
10°	2387	2349	2366
15°	2041	1980	1987
20°	1570	1495	1467
25°	1049	977	912
30°	599	544	480
35°	298	264	226
40°	145	124	108
45°	74	64	56
50°	35	37	25
55°	16	22	12
60°	8	10	6
65°	4	5	4
70°	3	3	3
75°	1	1	1
80°	0	0	0
85°	0	0	0
90°	0	0	0



ELEMENT™ 3" LED MARINE GRADE

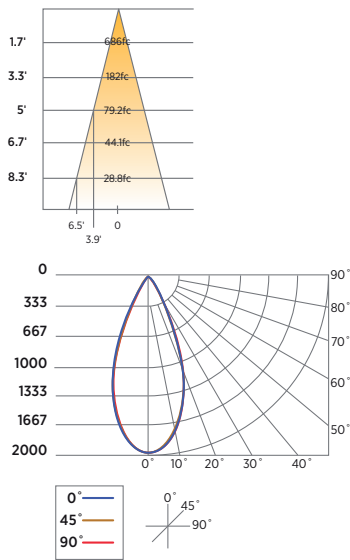
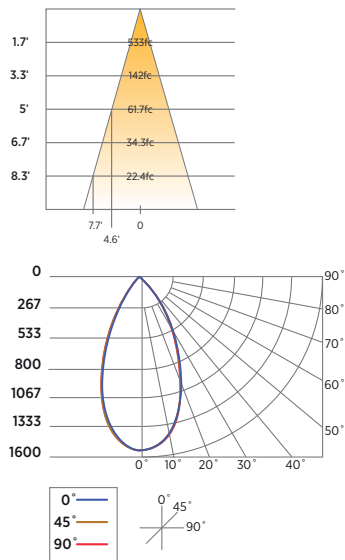
COASTAL RATED FIXED DOWNLIGHT, IP65

PHOTOMETRICS

Description:	3" LED Module	Description:	3" LED Module
	60° Beam		40° Beam
	90 CRI, 3000K		90 CRI, 3000K
Input Power:	16.2W	Input Power:	12W
Input Power Factor:	0.99	Input Power Factor:	0.98
Absolute Luminous Flux (Lumens):	1235	Absolute Luminous Flux (Lumens):	1085
Lumen Efficacy (Lumens per Watt):	76	Lumen Efficacy (Lumens per Watt):	90

ANGLE	0°	45°	90°
0°	1542	1542	1542
5°	1509	1510	1508
10°	1396	1403	1413
15°	1231	1234	1255
20°	1028	1025	1032
25°	796	797	782
30°	573	589	550
35°	390	411	357
40°	258	270	222
45°	164	166	132
50°	97	95	70
55°	53	53	37
60°	27	27	16
65°	6	13	6
70°	5	4	4
75°	2	2	1
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	1981	1981	1981
5°	1954	1935	1925
10°	1832	1778	1750
15°	1575	1504	1464
20°	1201	1138	1098
25°	777	743	710
30°	419	415	401
35°	200	202	202
40°	95	97	99
45°	48	51	50
50°	22	29	23
55°	10	17	10
60°	5	8	5
65°	3	4	3
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



ELEMENT™ 3" LED MARINE GRADE

COASTAL RATED FIXED DOWNLIGHT, IP65

PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES