

ENTRA™ CL 2" LED

ADJUSTABLE, FIXED, AND WALL WASH DOWNLIGHTS

The ENTRA CL 2" LED Adjustable, Fixed, and Wall Wash Downlights offer a cost-effective, small aperture, choice that delivers architectural-grade aesthetics and quality for residential, multi-family, and hospitality applications. Engineered for high-performance and reliability, ENTRA CL 2" is easy to configure with a feature set that offers flexibility without an overwhelming list of options. Modules are available with three static white CCT options, 3000K - 1800K warm color dimming, and four field interchangeable optics (20°, 30°, 40°, and 60°). Trim options include flanged or flangeless (mud plate included) and round or square in Satin Silver, Champagne, Black, or White finish. The white finish is field-paintable.

- Adjustable (35° tilt, 360° rotation), fixed, or wall wash options
- 2700, 3000K, 3500K, or warm dim 3000K - 1800K
- Multiple lumen output options
- Includes 40° optic; Field-changeable 20°, 30°, and 60° optics can be ordered separately
- Flanged or flangeless ceiling appearance
- Airtight IC and Chicago Plenum rated



ADJUSTABLE



FIXED



WALL WASH

LUMEN MULTIPLIER (CRI/CCT)

CCT	90 CRI MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.05

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

SPECIFICATIONS

	ADJUSTABLE & FIXED				WALL WASH			
	STATIC WHITE		WARM DIM		STATIC WHITE		WARM DIM	
DELIVERED LUMENS	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
8W	700	90	600	75	480	61	415	52
12W	1100	94	800	67	730	61	530	44
CRI	90+							
CCT	2700K, 3000K, or 3500K		3000K - 1800K		2700K, 3000K, or 3500K		3000K - 1800K	
COLOR CONSISTENCY	2-step							
VOLTAGE	120V or 277V							
DIMMING¹	Standard reverse-phase, forward-phase, TRIAC, and 0-10V dimming (down to 5%)							
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency							
OPTICS	Field changeable: Includes 40° optic; 20°, 30°, and 60° optics can be ordered separately.				Asymmetric Wall Wash			
ADJUSTABILITY	Adjustable Module: 35° Tilt, 360° Rotation				N/A			
CEILING APPEARANCE	Flanged and Flangeless up to 2" ceiling thickness. Note: Tilt may be restricted in thicker ceilings							
CEILING APERTURE	2-3/4" ceiling cutout							
HOUSING	IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation							
CONSTRUCTION	Housing: Galvanized Steel Trims and Reflectors: Die-Cast Aluminum							
FINISH	Reflector: White, Black, Champagne, Satin Silver (low-glare) Flange: White, Black Select finish options for Reflector and Flange separately							
GENERAL LISTINGS	ETL Listed. Fixed and Wall Wash Wet Listed. Adjustable Damp Location Listed.							
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							
WARRANTY²	5 years							

Data in chart reflects 3000K/90CRI values unless noted.

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	OUTPUT	HOUSING RATING
ENCL2R ENTRA CL 2" ROUND	L FLANGELESS	-L08 8W (700 LMS)	I IC AIRTIGHT
ENCL2S ENTRA CL 2" SQUARE	F FLANGED	-L12 12W (1100 LMS)	C CHICAGO PLENUM

Includes an LED driver with universal input 120V or 277V, dimmable by standard reverse-phase, forward-phase, TRIAC, or 0-10V controls (down to 5%). 277V is only compatible with 0-10V dimming. See dimmer compatibility chart. Trims are required and must be ordered separately.

TRIM / LIGHT MODULE

PRODUCT	CEILING APPEARANCE	FUNCTION	CRI/CCT	REFLECTOR FINISH	FLANGE FINISH
ENCL2R ENTRA CL 2" ROUND	L FLANGELESS	A ADJUSTABLE	-927 90 CRI, 2700K, 2-STEP	W WHITE	FLANGELESS ONLY
ENCL2S ENTRA CL 2" SQUARE	F FLANGED	D DOWNLIGHT	-930 90 CRI, 3000K, 2-STEP	B BLACK	(LEAVE BLANK)
		W WALL WASH	-935 90 CRI, 3500K, 2-STEP	S SATIN SILVER (LOW-GLARE)	-W WHITE
			-WD31 90 CRI, 3000K-1800K, WARM DIM, 2-STEP	C CHAMPAGNE	-B BLACK

Includes 40° optic. 20°, 30°, and 60° optics can be ordered separately.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
353LEDGATOPT	20 20°
	30 30°
	40 40°
	60 60°

353LEDGATOPT

LENSES/LOUVERS¹

PRODUCT	TYPE
MOC	GG PLAIN GLASS
	SF SOFT FOCUS
	LL LINEAR SPREAD
	EC EGGCRATE LOUVER

MOC

¹Lenses/louvers mounted to lamp assembly only (max 1).

PLASTER PLATES

PRODUCT	
AA5866	ROUND PLASTIC PLASTER PLATE ¹
AA5867	SQUARE PLASTIC PLASTER PLATE ¹

Plaster plates are used to convert flanged housings into flangeless housings. Ships standard with flangeless housings.

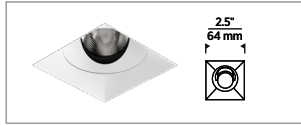


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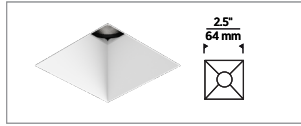
TRIMS

ADJUSTABLE



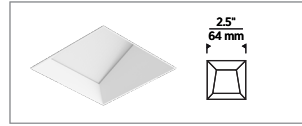
SQUARE FLANGELESS

FIXED

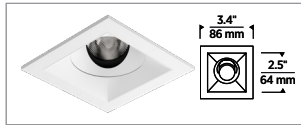


SQUARE FLANGELESS

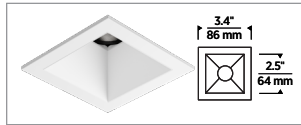
WALL WASH



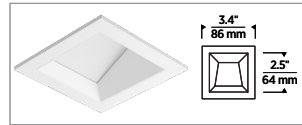
SQUARE FLANGELESS



SQUARE FLANGED



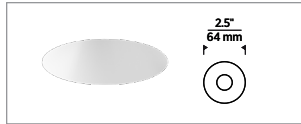
SQUARE FLANGED



SQUARE FLANGED



ROUND FLANGELESS



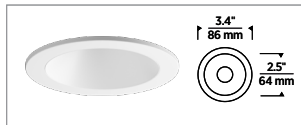
ROUND FLANGELESS



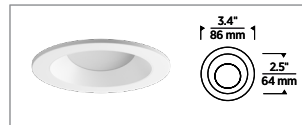
ROUND FLANGELESS



ROUND FLANGED



ROUND FLANGED



ROUND FLANGED

FINISH OPTIONS (ALL SHOWN AS ROUND, FLANGED, FIXED. REFLECTORS ARE DIE CAST.)

WHITE TRIM

BLACK TRIM



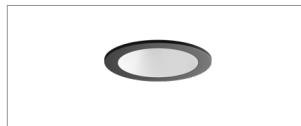
WHITE TRIM, BLACK REFLECTOR



BLACK TRIM, BLACK REFLECTOR



WHITE TRIM, WHITE REFLECTOR



BLACK TRIM, WHITE REFLECTOR



WHITE TRIM, CHAMPAGNE REFLECTOR



BLACK TRIM, CHAMPAGNE REFLECTOR



WHITE TRIM, SILVER REFLECTOR

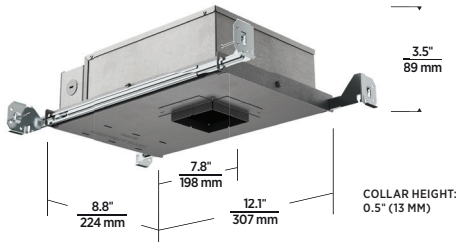


BLACK TRIM, SILVER REFLECTOR

ENTRA™ CL 2" LED

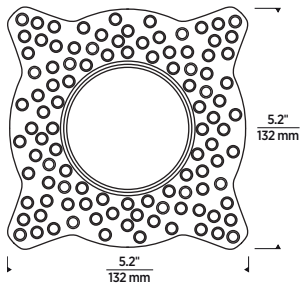
ADJUSTABLE, FIXED, AND WALL WASH DOWNLIGHTS

HOUSING

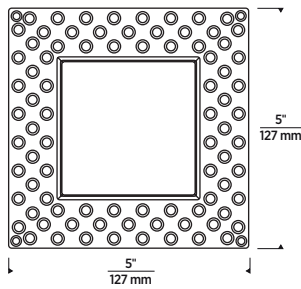


IC AIRTIGHT / CHICAGO PLENUM

PLASTER PLATES



ROUND PLASTIC
(INCLUDED FOR FLANGELESS INSTALLATION)



SQUARE PLASTIC
(INCLUDED FOR FLANGELESS INSTALLATION)

ENTRA™ CL 2" LED

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PHOTOMETRICS

Description: 2" LED Module
20° Beam, 0° Tilt, 3000K

Model: Entra CL 2" Fixed
20°, 12W Output

Input Power (Watts): 11.69
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 964
Lumen Efficacy (Lumens per Watt): 82.4

Description: 2" LED Module
30° Beam, 0° Tilt, 3000K

Model: Entra CL 2" Fixed
30°, 12W Output

Input Power (Watts): 11.7
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1097
Lumen Efficacy (Lumens per Watt): 93.8

Description: 2" LED Module
40° Beam, 0° Tilt, 3000K

Model: Entra CL 2" Fixed
40°, 12W Output

Input Power (Watts): 11.7
Input Power Factor: 0.98

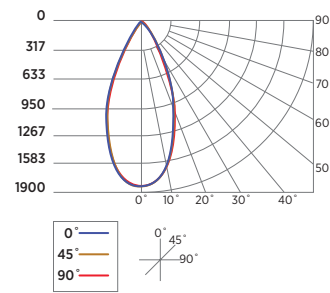
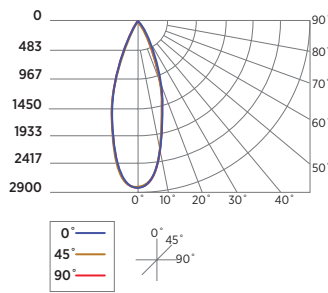
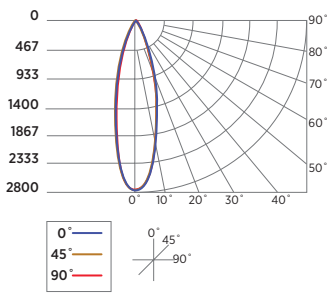
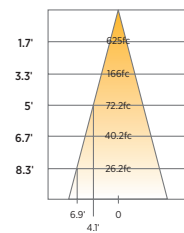
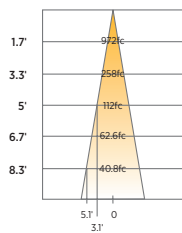
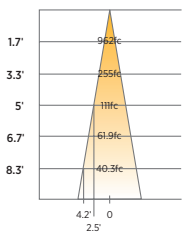
Absolute Luminous Flux (Lumens): 1036
Lumen Efficacy (Lumens per Watt): 88.6

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

ANGLE	0°	45°	90°
0°	2779	2779	2779
5°	2577	2502	2535
10°	1980	1892	1932
15°	1333	1260	1302
20°	857	805	838
25°	534	494	518
30°	316	287	305
35°	180	166	172
40°	72	62	68
45°	31	28	30
50°	9	8	8
55°	6	6	6
60°	4	4	4
65°	3	3	3
70°	2	2	2
75°	1	1	1
80°	1	1	1
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	2809	2809	2809
5°	2694	2633	2678
10°	2285	2208	2291
15°	1656	1578	1675
20°	1042	981	1063
25°	580	536	591
30°	305	272	301
35°	157	136	149
40°	62	52	61
45°	26	20	22
50°	7	6	7
55°	4	4	4
60°	3	3	3
65°	2	2	2
70°	2	2	2
75°	1	1	1
80°	1	1	1
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	1806	1806	1806
5°	1765	1738	1753
10°	1627	1603	1624
15°	1395	1370	1400
20°	1078	1046	1074
25°	734	681	711
30°	423	383	401
35°	229	196	207
40°	96	80	83
45°	36	29	30
50°	11	9	9
55°	5	4	5
60°	3	3	3
65°	2	2	2
70°	2	2	2
75°	1	1	1
80°	1	1	1
85°	0	0	0
90°	0	0	0



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PHOTOMETRICS

Description: 2" LED Module
60° Beam, 0° Tilt, 3000K

Model: Entra CL 2" Fixed
60°, 12W Output

Input Power (Watts): 11.7
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 1101
Lumen Efficacy (Lumens per Watt): 94.2

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

Description: 2" LED Module
Wall Wash, 3000K

Model: Entra CL 2" Wall Wash
12W Output

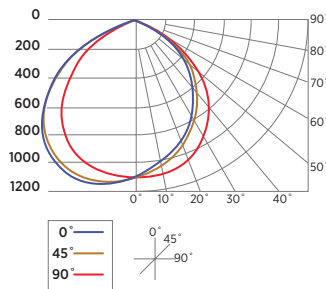
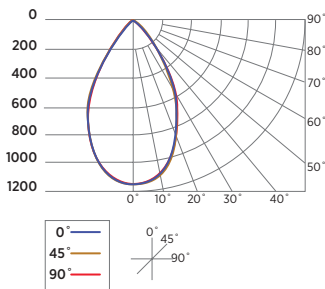
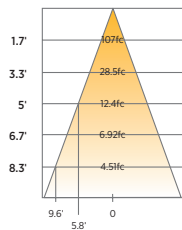
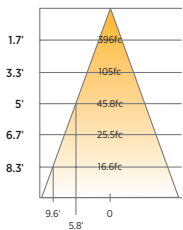
Input Power (Watts): 11.7
Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 730
Lumen Efficacy (Lumens per Watt): 62

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

ANGLE	0°	45°	90°
0°	1144	1144	1144
5°	1137	1125	1124
10°	1093	1078	1080
15°	1011	996	1006
20°	900	879	902
25°	763	738	755
30°	605	574	585
35°	445	406	418
40°	287	251	263
45°	149	130	136
50°	81	71	71
55°	11	15	20
60°	8	8	8
65°	6	6	6
70°	5	4	5
75°	3	3	3
80°	2	2	2
85°	1	1	1
90°	0	0	0

ANGLE	0°	45°	90°
0°	311	311	311
5°	297	302	311
10°	285	292	309
15°	268	278	302
20°	250	262	291
25°	230	243	277
30°	211	224	260
35°	190	203	239
40°	168	181	212
45°	144	157	180
50°	116	130	147
55°	87	102	115
60°	59	72	82
65°	35	44	52
70°	21	22	28
75°	14	12	12
80°	9	7	5
85°	4	3	2
90°	0	0	0



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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES
