

ENTRA™ CL 2" LED

ADJUSTABLE, FIXED, AND WALL WASH DOWNLIGHTS

The ENTRA CL 2" Adjustable, Fixed, and Wall Wash Downlights offer a cost-effective, small aperture choice for residential, multi-family, and hospitality applications. Engineered for high performance and reliability, ENTRA CL 2" is easily configurable with a feature set that offers flexibility without an overwhelming list of options. The ENTRA CL 2" Adjustable, Fixed, and Wall Wash Downlights offer LED options with Static White and Warm Dim.

- SDCM: 2-step static white and warm dim
- Hot aiming (0-35° tilt + 360° rotation)
- Interchangeable optics: 20°, 30°, 40°, 60°
- Flanged/flangeless die-cast trims



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	650	87	500	64	450	60	350	44
12W	950	85	750	63	610	57	480	42
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 1% or 5% depending on wattage							
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, or Satin Silver (low-glare) Flange: White or 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 (650 LMS) ¹	I IC AIRTIGHT
ENCL2S ENTRA CL 2" SQUARE	F FLANGED	-L12 12W (950 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 1% or 5% depending on wattage. 277V is only compatible with 0-10V dimming. See dimmer compatibility chart.

Trims are required and must be ordered separately.

¹L08 - Dimming performance with standard reverse-phase, forward-phase, TRIAC, and 0-10V driver is 5%. L12 is 1%.

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 (LEAVE BLANK)
ENCL2S ENTRA CL 2" SQUARE	F FLANGED	D DOWNLIGHT	-930 90 CRI, 3000K, 2-STEP	B BLACK	
		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 ¹	C CHAMPAGNE	-B BLACK

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

¹WD31 - Warm dim includes a sandblasted lens; no additional lenses/louvers can be added.

REPLACEMENT OPTICS

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

353LEDGATOPT

LENSES/LOUVERS

PRODUCT ¹	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 DIE-CAST PLASTER PLATE
AA5867	SQUARE DIE-CAST PLASTER PLATE

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

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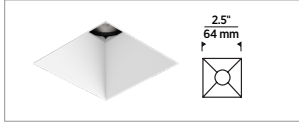
TRIMS

ADJUSTABLE



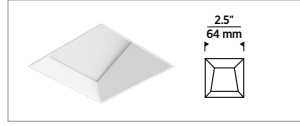
SQUARE FLANGELESS

FIXED

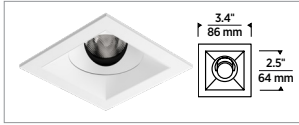


SQUARE FLANGELESS

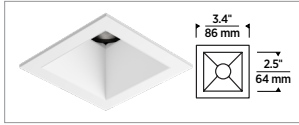
WALL WASH



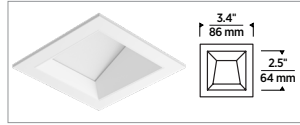
SQUARE FLANGELESS



SQUARE FLANGED



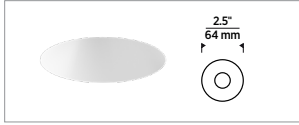
SQUARE FLANGED



SQUARE FLANGED



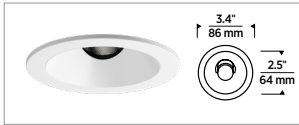
ROUND FLANGELESS



ROUND FLANGELESS



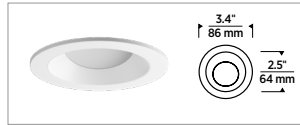
ROUND FLANGELESS



ROUND FLANGED



ROUND FLANGED



ROUND FLANGED

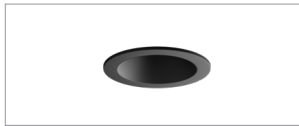
FINISH OPTIONS (ALL SHOWN AS ROUND, FLANGED, FIXED. REFLECTORS ARE DIE CAST.)

WHITE TRIM



WHITE TRIM, BLACK REFLECTOR

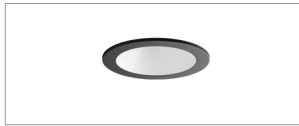
BLACK TRIM



BLACK TRIM, BLACK REFLECTOR



WHITE TRIM, WHITE REFLECTOR



BLACK TRIM, WHITE REFLECTOR



WHITE TRIM, CHAMPAGNE REFLECTOR



BLACK TRIM, CHAMPAGNE REFLECTOR



WHITE TRIM, SILVER REFLECTOR



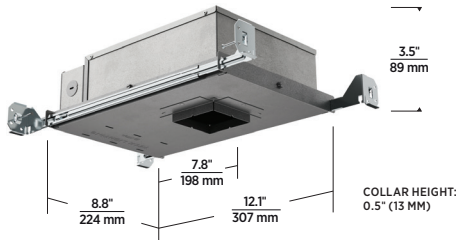
BLACK TRIM, SILVER REFLECTOR



ENTRA™ CL 2" LED

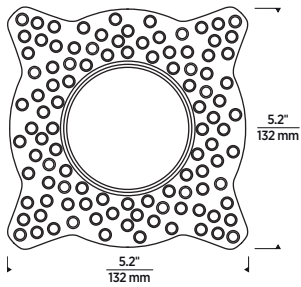
ADJUSTABLE, FIXED, AND WALL WASH DOWNLIGHTS

HOUSING

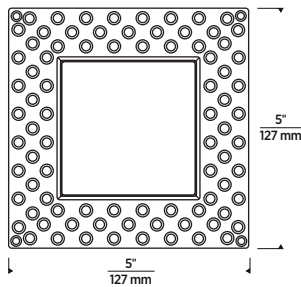


IC AIRTIGHT / CHICAGO PLENUM

PLASTER PLATES



ROUND DIE-CAST
(INCLUDED FOR FLANGELESS INSTALLATION)



SQUARE DIE-CAST
(INCLUDED FOR FLANGELESS INSTALLATION)

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PHOTOMETRICS

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

Input Power (Watts): 10.9
Input Power Factor: 0.98
Absolute Luminous Flux (Lumens): 849
Lumen Efficacy (Lumens per Watt): 77.9

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

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

Input Power (Watts): 10.9
Input Power Factor: 0.98
Absolute Luminous Flux (Lumens): 984
Lumen Efficacy (Lumens per Watt): 90.3

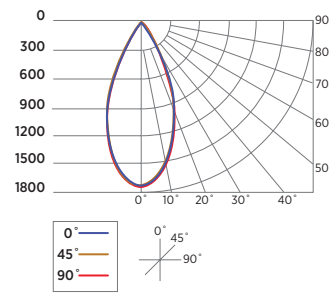
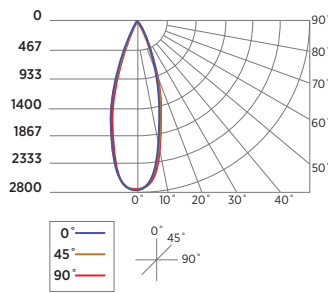
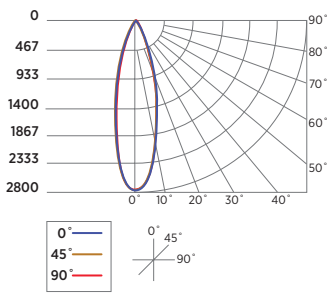
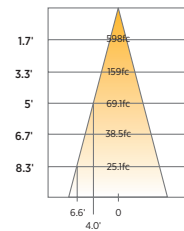
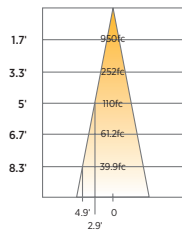
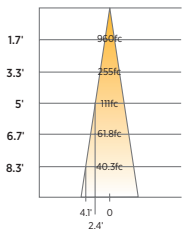
Description: 2" LED Module
40° Beam, 0° Tilt, 3000K

Input Power (Watts): 10.9
Input Power Factor: 0.98
Absolute Luminous Flux (Lumens): 922
Lumen Efficacy (Lumens per Watt): 84.6

ANGLE	0°	45°	90°
0°	2773	2773	2773
5°	2487	2491	2504
10°	1830	1841	1857
15°	1185	1179	1233
20°	709	719	763
25°	414	429	436
30°	152	250	174
35°	43	146	56
40°	20	46	22
45°	5	22	6
50°	3	7	4
55°	2	2	2
60°	0	0	0
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°	2746	2746	2746
5°	2531	2579	2617
10°	2049	2124	2202
15°	1406	1468	1571
20°	835	880	982
25°	436	473	524
30°	174	242	226
35°	55	122	73
40°	16	40	21
45°	5	22	5
50°	2	4	2
55°	1	1	1
60°	0	0	0
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°	1728	1728	1728
5°	1650	1660	1667
10°	1506	1504	1518
15°	1278	1277	1284
20°	966	972	974
25°	634	644	638
30°	334	364	322
35°	136	192	130
40°	49	83	43
45°	15	33	13
50°	4	10	3
55°	1	2	1
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



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PHOTOMETRICS

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

Input Power (Watts): 10.8
Input Power Factor: 0.98

Absolute Luminous Flux (Lumens): 942
Lumen Efficacy (Lumens per Watt): 87.2

Description: 2" LED Module
Wall Wash, 3000K

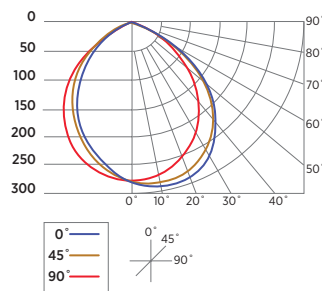
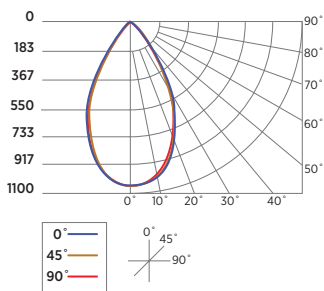
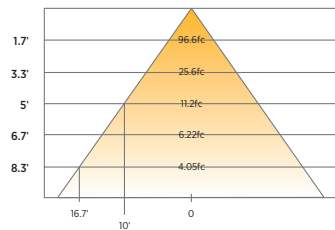
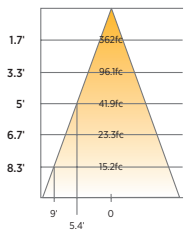
Input Power (Watts): 10.8
Input Power Factor: 0.99

Absolute Luminous Flux (Lumens): 612
Lumen Efficacy (Lumens per Watt): 56.7

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

ANGLE	0°	45°	90°
0°	1046	1046	1046
5°	1041	1038	1026
10°	1009	997	976
15°	951	929	900
20°	857	833	788
25°	715	704	641
30°	533	544	467
35°	278	383	258
40°	169	247	153
45°	78	122	82
50°	12	65	14
55°	10	14	12
60°	8	8	9
65°	5	6	7
70°	3	4	4
75°	1	2	2
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	279	279	279
5°	288	284	277
10°	293	287	272
15°	294	285	263
20°	291	279	253
25°	283	270	240
30°	269	256	221
35°	251	240	202
40°	226	219	180
45°	196	196	151
50°	165	165	122
55°	135	130	93
60°	102	96	66
65°	72	65	41
70°	45	38	21
75°	21	17	9
80°	3	5	3
85°	1	1	1
90°	0	0	0



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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES
