

ENTRA 2" NICHE

LED FIXED DOWNLIGHT

Entra 2" LED Fixed Niche Lights bring versatile and easy-to-install accent lighting to interior and exterior spaces. Available in both 12V and 120V versions, these units offer multiple color temperatures, and include both a 30° and 60° lens. Entra 2" LED Niche Lights are ideal for alcoves or built-in shelving, drawing attention to architectural details and improving overall illumination.

- Easy spring-action installation
- Round or Square Ceiling Appearance
- 30° and 60° interchangeable optics (all included)
- 12V or 120V (line-voltage)

SPECIFICATIONS

DELIVERED LUMENS	480 lms
WATTS	12V: 7.5W 120V: 6W
EFFICACY	12V: 64 lms/W 120V: 80 lms/W
CRI	90
CBCP	60°: 484
CCT OPTIONS	2700K, 3000K, 3500K
COLOR CONSISTENCY	3-Step
VOLTAGE	12V ¹ or 120V
DIMMING ²	12V (ELV only) Down to 5% 120V (ELV/Triac) Down to 5%
POWER SUPPLY	Constant current driver with $\geq .9$ power factor and $>80\%$ efficiency
OPTICS	30°, 60° (Both included)
CEILING APPEARANCE	Flanged (Accommodates 1/2" to 1" ceiling thickness)
CEILING APERTURE	2-3/8" ceiling cutout
HOUSING	IC Airtight
CONSTRUCTION	Steel/Aluminum
FINISH	Antique Bronze, White
GENERAL LISTING	ETL listed. 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 120V/90 CRI versions).
LED LIFETIME	L70: 50,000 hours
WARRANTY ³	5 years

¹Must order 12V transformer (sold separately).

²Entra LED Niche Lights perform best with electronic transformers and electronic low-voltage (ELV) dimmers.

³Visit techlighting.com for specific warranty limitations and details.



shown in round fixed white 12V



shown in square fixed antique bronze 120V

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GRIDS

HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING	VOLTAGE	FINISH
ENN2R ENTRA NICHE 2" ROUND	-LO LED	9 90 CRI	27 2700K	A 30°, 60° ¹	D FIXED	I IC AIRTIGHT	12 12V ²	W WHITE
ENN2S ENTRA NICHE 2" SQUARE			30 3000K 35 3500K				120 120V	Z ANTIQUE BRONZE
	-LO	9		A	D	I		

¹ENTRA LED NICHE LIGHT SHIPS WITH 30° OPTIC INSTALLED. INCLUDES 60° OPTIC AS WELL.

²ENTRA 12V LED NICHE LIGHTS PERFORM BEST WITH ELECTRONIC TRANSFORMERS AND ELV DIMMERS. PLEASE ORDER THE ENTRA REMOTE TRANSFORMER TO PAIR WITH YOUR 12V NICHE LIGHT SYSTEM.

TRANSFORMERS¹ (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
700AT060EL		

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT.

¹CONSULT SPEC SHEET FOR DIMENSIONS.

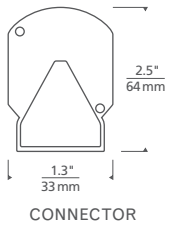
CONNECTOR CAP

PRODUCT SERIES
ENNCONCP MC CONNECTOR CAP ¹
ENNCONCP

¹ACCESS ABOVE CEILING IS REQUIRED TO USE CONNECTOR CAP

ACCESSORY

CONNECTOR CAP (ENNCONCP)



Use in lieu of existing cap on top of Entra Niche lights for Romex and MC connectors. Access above ceiling is required to use connector cap.

PROJECT INFO

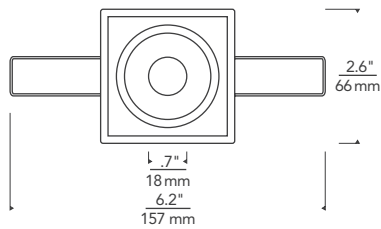
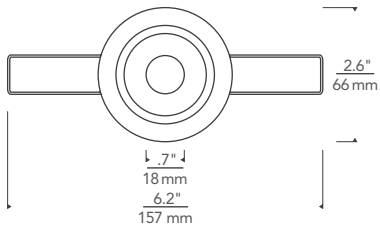
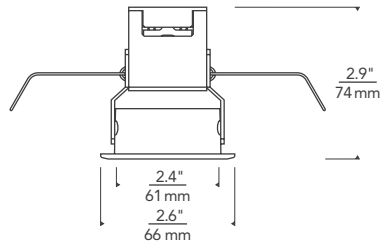
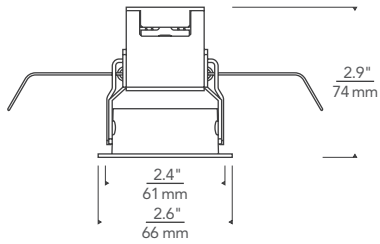
FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



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LED FIXED DOWNLIGHT

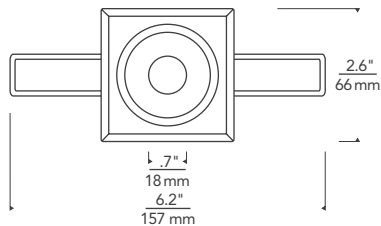
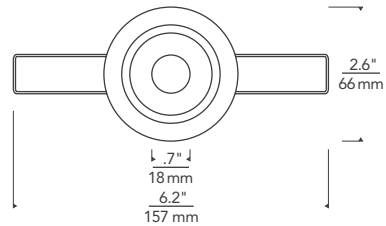
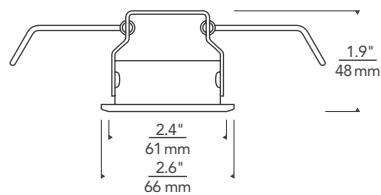
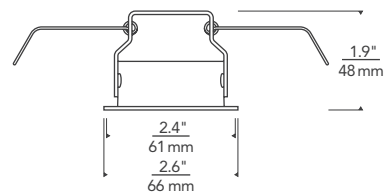
HOUSING - 12V



FIXED ROUND

FIXED SQUARE

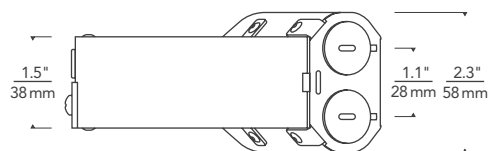
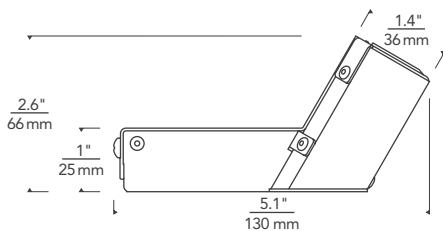
HOUSING - 120V



FIXED ROUND

FIXED SQUARE

JUNCTION BOX - 120V ONLY (INCLUDED)



ENTRA 2" NICHE

LED FIXED DOWNLIGHT

PHOTOMETRICS: ENTRA NICHE LED FIXED DOWNLIGHT

DESCRIPTION: ENTRA LED Niche Lights
60° Beam, 3000K
MODEL: ENTRA LED Niche

INPUT POWER (WATTS): 5.9
INPUT POWER FACTOR: 0.63
ABSOLUTE LUMINOUS FLUX (LUMENS): 483.4
LUMEN EFFICACY (LUMENS PER WATT): 82

DESCRIPTION: ENTRA LED Niche Lights
30° Beam, 3000K
MODEL: ENTRA LED Niche

INPUT POWER (WATTS): 5.8
INPUT POWER FACTOR: 0.63
ABSOLUTE LUMINOUS FLUX (LUMENS): 431
LUMEN EFFICACY (LUMENS PER WATT): 74

ANGLE	0°	45°	90°
0°	484	484	484
5°	478	480	478
10°	464	463	459
15°	436	435	457
20°	397	392	384
25°	343	332	325
30°	270	254	251
35°	185	171	170
40°	106	98	97
45°	55	50	50
50°	30	28	28
55°	19	17	17
60°	10	9	9
65°	4	4	4
70°	2	1	1
75°	1	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

ANGLE	0°	45°	90°
0°	882	882	882
5°	840	832	836
10°	684	665	675
15°	486	467	477
20°	331	317	324
25°	218	207	211
30°	143	134	138
35°	96	92	95
40°	70	68	69
45°	52	50	52
50°	37	36	37
55°	24	22	23
60°	10	9	9
65°	6	6	5
70°	4	3	3
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0

