

# 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 <sup>1</sup> or 120V
DIMMING <sup>2</sup>	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 <sup>3</sup>	5 years

<sup>1</sup>Must order 12V transformer (sold separately).

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

<sup>3</sup>Visit [techlighting.com](http://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° <sup>1</sup>	D FIXED	I IC AIRTIGHT	12 12V <sup>2</sup>	W WHITE
ENN2S ENTRA NICHE 2" SQUARE			30 3000K 35 3500K				120 120V	Z ANTIQUE BRONZE
	-LO	9		A	D	I		

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

<sup>2</sup>ENTRA 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.

### TRANSFORMERS<sup>1</sup> (ORDERED SEPARATELY)

ITEM	DESCRIPTION	DIMMING
700AT060EL	ELECTRONIC, 60W, 120V	ELV
<b>700AT060EL</b>		

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

<sup>1</sup>CONSULT SPEC SHEET FOR DIMENSIONS.

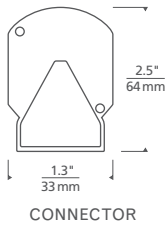
### CONNECTOR CAP

PRODUCT SERIES
ENNCONCP MC CONNECTOR CAP <sup>1</sup>
<b>ENNCONCP</b>

<sup>1</sup>ACCESS 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

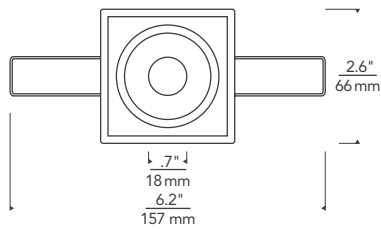
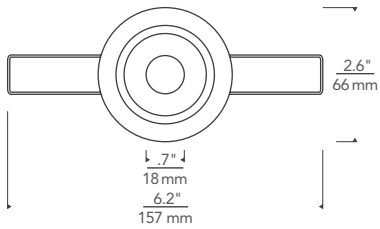
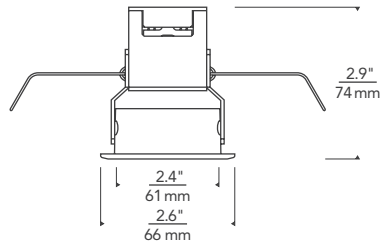
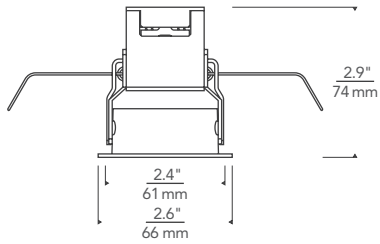
NOTES




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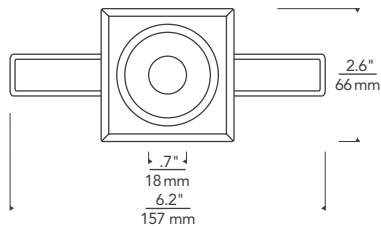
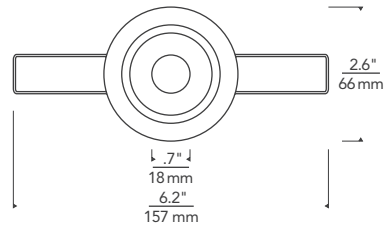
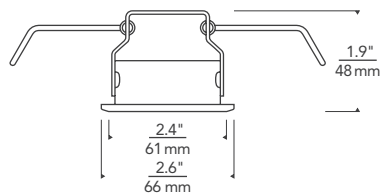
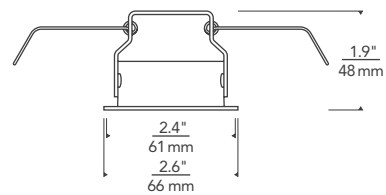
## HOUSING - 12V



FIXED ROUND

FIXED SQUARE

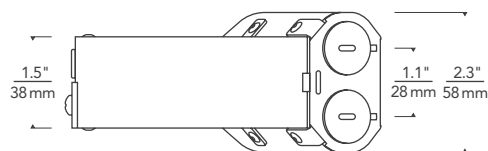
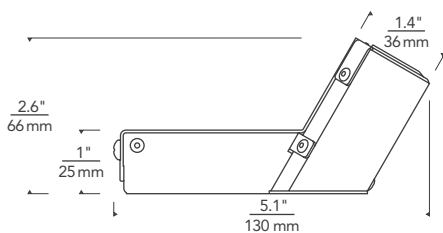
## HOUSING - 120V



FIXED ROUND

FIXED SQUARE

## JUNCTION BOX - 120V ONLY (INCLUDED)



# ENTRA 2" NICHE

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## 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

