

# ENTRA 2" NICHE

LED ADJUSTABLE DOWNLIGHT

Entra 2" LED Adjustable 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 adjustable aiming (35° tilt, 359° rotation) in 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
- Tool-free Hot-aiming (35° tilt; 359° rotation)
- 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 ≥.9 power factor and >80% efficiency
OPTICS	30°, 60° (both included)
ADJUSTABILITY	35° tilt; 359° rotation
CEILING APPEARANCE	Flanged (Accommodates 1/2" to 1" ceiling thickness)
CEILING APERTURE	2-3/8" ceiling cut-out
HOUSING	IC Airtight
CONSTRUCTION	Steel/Aluminum
FINISH	Antique Bronze, White
GENERAL LISTING	ETL listed. Damp listed.
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6.
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 adjustable antique bronze 12V



shown in square adjustable white 120V

## 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>	A ADJUSTABLE	I IC AIRTIGHT	12 12V <sup>2</sup>	W WHITE
ENN2S ENTRA NICHE 2" SQUARE			30 3000K				120 120V	Z ANTIQUE BRONZE
			35 3500K					
	-LO	9		A	A	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 SHEETS FOR DIMENSIONS.

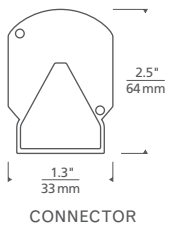
## CONNECTOR CAP

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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**TECH LIGHTING**  
VISUAL COMFORT & CO.

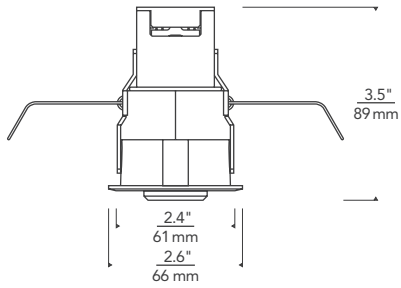
7400 Linder Avenue, Skokie, Illinois 60077

T 847.410.4400 F 847.410.4500

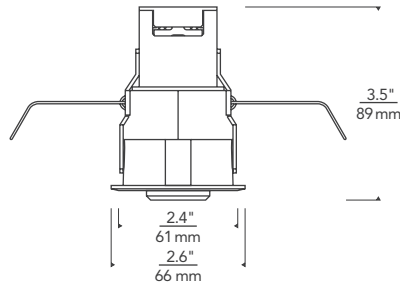
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## HOUSING - 12V

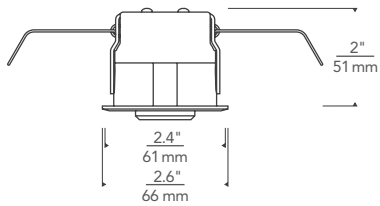


ADJUSTABLE ROUND

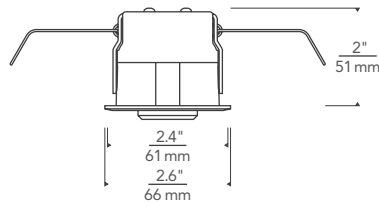


ADJUSTABLE SQUARE

## HOUSING - 120V

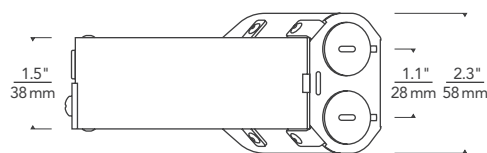
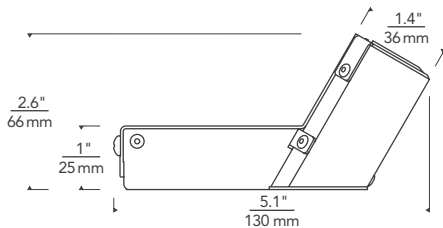


ADJUSTABLE ROUND



ADJUSTABLE SQUARE

## JUNCTION BOX - 120V ONLY (INCLUDED)



# ENTRA 2" NICHE

LED ADJUSTABLE DOWNLIGHT

## PHOTOMETRICS: ENTRA NICHE LED ADJUSTABLE DOWNLIGHT

DESCRIPTION: ENTRA LED Niche Lights  
60° Beam, 0° Tilt, 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, 0° Tilt, 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

