



Entra LED Performance Downlights by Tech Lighting offer an alternative to meet residential and commercial specifications on budget-sensitive projects. Custom engineered for high performance and reliability, Entra is easy to configure with a feature set that offers flexibility without an overwhelming list of options.

Entra Performance Downlights are built on two core principles:

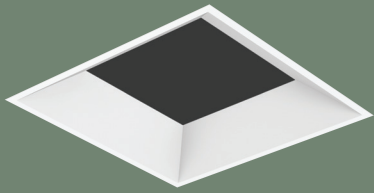
- Offer cost-effective solutions without compromising quality
- Reduce order complexity with a simplified specification process

Entra Performance Downlights are offered in two platforms and sizes:

- 3" Adjustable Downlights for New Construction and Remodel
- 2" Adjustable or Fixed Niche Lights



Interior Design: Clare Kennedy Interior Design
Photography: Liz Kennedy Photography



3" ENTRA

LED Adjustable New Construction and Remodel Downlights



The Entra 3" Adjustable LED Downlights are available for new construction or remodel applications in commercial or residential environments. Entra 3" downlights are easy to configure with a feature set that includes two output options and housing sizes; flanged or flangeless ceiling appearance; and a range of CCTs and optics.

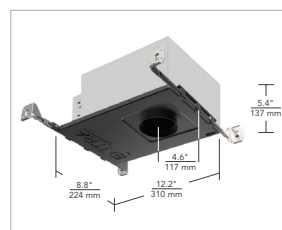
- Hot-aiming: 0-30° tilt, 359° rotation
- High or Low Output
- Two Housing Sizes
- Die-cast, aluminum trims (white finish is field-paintable)
- 90+ CRI, Energy Star
- Color temperatures: 2700K, 3000K, 3500K, 4000K, or Warm Color Dimming (3000K - 1800K)
- Durable powder coat matte black inner housing finish for a quiet ceiling appearance
- Accepts 2 optical controls & optional trim-mounted lens
- Can be used to comply with California CEC 2016 Title 24 Part 6

Simplified Specification

- Adjustable model is priced as a fixed downlight eliminating the need for two separate housings and different prices
- All housings ship with an optional plaster plate for flangeless applications
- UNV 120-277V input driver compatible with Triac, ELV & 0-10V Dimming
- All housings ship with 20°, 40° & 65° optics

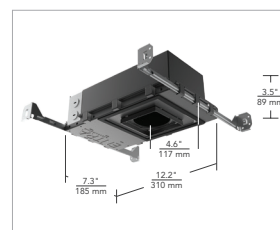


HIGH OUTPUT



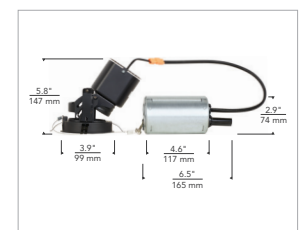
IC AIRTIGHT

LOW OUTPUT



IC AIRTIGHT

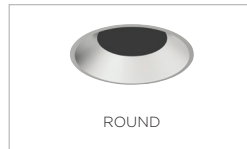
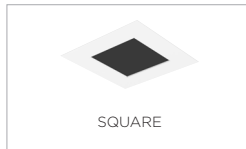
REMODEL ADJUSTABLE



NON-IC

TRIM OPTIONS

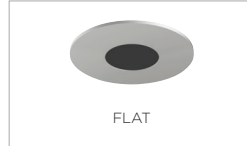
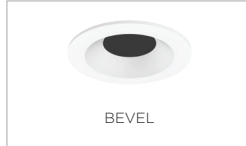
SHAPE



CEILING APPEARANCE



STYLE



FINISH



WALL WASH



SPECIFICATIONS

	HIGH OUTPUT	LOW OUTPUT
DELIVERED LUMENS	1311 lms	980 lms
WATTS	18W	12W
EFFICACY	73 lms/W	82 lms/W
CRI	90	
CBCP (AT 3000K)	20° - 4994 40° - 2544 65° - 1091	
CCT OPTIONS	2700K, 3000K, 3500K, 4000K, Warm Color Dimming (3000K-1800K)	
COLOR CONSISTENCY	3-step	
VOLTAGE	Universal 120V - 277V	
DIMMING¹	Triac, ELV or 0-10V (all standard, down to 5%)	
POWER SUPPLY	Constant current driver with ≥.9 power factor and >87% efficiency	
OPTICS	20°, 40°, 65° (all included)	
ADJUSTABILITY	0-30° tilt, 359° rotation	
CEILING APPEARANCE	Flanged or Flangeless (Both accommodate 1/2" to 1" ceiling thickness)	
CEILING APERTURE	4" ceiling cut-out	
HOUSING	New Construction: IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation. Remodel: Non-IC	
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die cast aluminum	
FINISH	Housing: Black powder coat Trims: Silver, White (paintable)	
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed. Energy Star.	
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	
WARRANTY²	5 years	

Accepts two optical controls and an optional trim-mounted lens.

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

¹Adjust to 30° tilt for Wall Wash application.

²LED module ships with 40° optic installed. Includes 20° and 65° optics as well.

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

ORDERING GRIDS

ADJUSTABLE HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING
EN3R ENTRA 3" ROUND	-LH HIGH OUTPUT	9 90 CRI	27 2700K	A 20°-40°-65° ²	A ADJUSTABLE ¹	I IC AIRTIGHT C CHICAGO PLENUM
EN3S ENTRA 3" SQUARE	-LO LOW OUTPUT		30 3000K			
			35 3500K			
			40 4000K			
			WD WARM DIM (3000K-1800K)			

Includes an LED driver with universal input 120V-277V, dimmable by Triac, ELV or 0-10V controls. Housing ships with plaster-plate for use on flangeless installation.

Do not use plaster plate for flanged installs. Trims are required and must be ordered separately.

¹Adjust to 30° tilt for Wall Wash application.

²LED module ships with 40° optic installed. Includes 20° and 65° optics as well.

REMODEL ADJUSTABLE HOUSING

PRODUCT SERIES	LAMP	CRI	TEMPERATURE	BEAM	FUNCTION	HOUSING RATING	VOLTAGE
EN3RR ENTRA 3" ROUND REMODEL	-LH HIGH OUTPUT	9 90 CRI	27 2700K	A 20°-40°-65° ²	A ADJUSTABLE ¹	N NON-IC	120 VOLT (LEAVE BLANK)
EN3SR ENTRA 3" SQUARE REMODEL	-LO LOW OUTPUT		30 3000K				
			35 3500K				
			40 4000K				
			WD WARM DIM (3000K-1800K)				

Includes an LED driver that is dimmable by Triac, ELV or 0-10V controls. Housing ships with plaster-plate for use on flangeless installation. Do not use plate for flanged installs.

Trims are required and must be ordered separately.

¹Adjust to 30° tilt for Wall Wash application.

²LED module ships with 40° optic installed. Includes 20° and 65° optics as well.

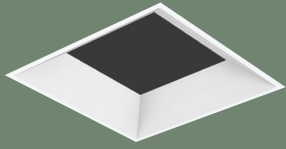
TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
EN3R ENTRA 3" ROUND	L FLANGELESS	B BEVEL	-O NO LENS	S SILVER
EN3S ENTRA 3" SQUARE	F FLANGED	F FLAT	-H SHOWER (CLEAR LENSED) ¹	W WHITE
	F1 FLANGED 0.75"-1" CEILING THICKNESS ³	W WALL WASH	-S SHOWER (SOLITE LENSED) ¹	
			-W WALL WASH (LENSED) ²	

¹Shower (clear lensed or Solite lensed) aperture (-H and -S) requires bevel trim (B).

²Wall Wash style trim (W) requires Wall Wash lensed aperture (-W).

³New Construction Adjustable Housing only.



2" ENTRA

LED Niche Lights
Adjustable and Fixed

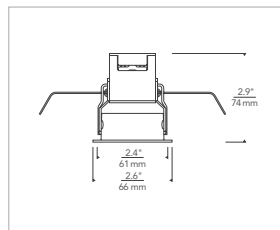
LED **5 YEAR**
WARRANTY

Entra 2" LED Niche Lights bring versatile and easy-to-install lighting to interior and exterior spaces. Engineered with a simple spring-mount installation and ultra-small in size, Entra 2" LED Niche Lights are ideal for illuminating alcoves, bookshelves and cabinets and are also great for ceiling applications such as bathrooms and showers. Entra 2" LED Niche Lights are offered in a variety of options to meet any installation needs.

- Easy spring-mount installation
- Fixed or Adjustable light aiming
- Tool-free Aiming: 0-35° tilt, 359° rotation (offered in adjustable only)
- 30° and 60° optics included
- Color Temperatures: 2700K, 3000K, 35000K
- 12V or 120V (line-voltage)
- Wet listed (fixed downlight only)
- Can be used to comply with California CEC 2016 Title 24 Part 6

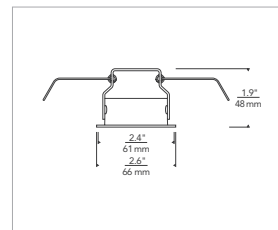


FIXED 12V



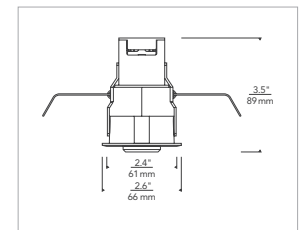
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FIXED 120V



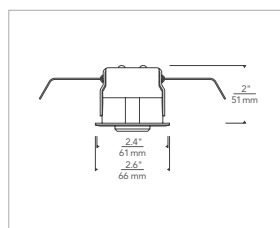
IC AIRTIGHT

ADJUSTABLE 12V



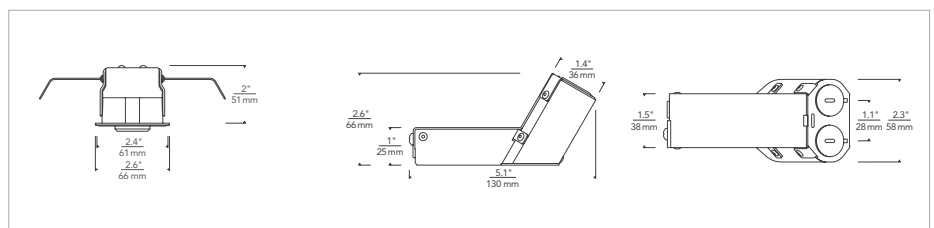
IC AIRTIGHT

ADJUSTABLE 120V



IC AIRTIGHT

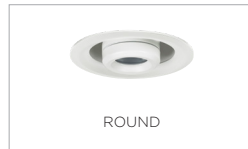
JUNCTION BOX (120V)



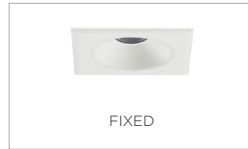
IC AIRTIGHT

TRIM OPTIONS

SHAPE



FUNCTION



FINISH



VOLTAGE



SPECIFICATIONS

DELIVERED LUMENS	480 lms
WATTS	12V: 7.5W 120V: 6W
EFFICACY	12V: 64 lms/W 120V: 80 lms/W
CRI	90
CBCP (AT 3000K)	60°: 484
CCT OPTIONS	2700K, 3000K, 3500K
COLOR CONSISTENCY	3-step
VOLTAGE	12V ¹ or 120V
DIMMING²	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)
ADJUSTABILITY	35° tilt, 359° rotation (adjustable only)
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 (adjustable only). Wet listed (fixed only)
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
WARRANTY³	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.

ORDERING GRIDS

REMODEL ADJUSTABLE 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	A ADJUSTABLE	I IC AIRTIGHT	12 12V ²	W WHITE
ENN2S ENTRA NICHE 2" SQUARE			30 3000K		D FIXED		120 120V	Z ANTIQUE BRONZE
			35 3500K					

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

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
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¹Access above ceiling is required to use connector cap.



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