



ECO 3" SHALLOW PLENUM

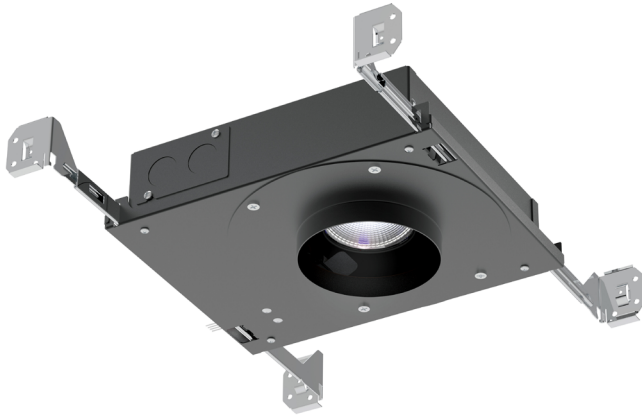
PROJECT: _____

TYPE: _____

NOTE: _____

SPEC-00272 NEW ECO, 3" SP, V-1.0, UPDATED 07/11/2022

ED3S3NIC



- The Overachiever, recessed downlight system
- Silent Vu™ Optic Technology provides exceptional light performance with minimal glare
- Installs in low plenum spaces

ECO FULL SERVICE RECESSED DOWNLIGHT SOLUTIONS

ED3S - Shallow Plenum

Up to 1319 Delivered Lumens

Universal Dimming Driver

LED LIGHT ENGINE

RATED WATTAGE	13.4W
DELIVERED LUMENS	Up to 1319 lm
EFFICACY	Up to 98 LPW
CCT @ 90CRI	2700K, 3000K, 3500K, 4000K, Warm Dim
COLOR QUALITY	90+ CRI, 2-Step SDCM
LED LIFETIME	55,000 hours @ L90

DELIVERED LUMENS MATRIX

ED3S3NIC (13.4W)	10° Optic	30° Optic	50° Optic	80° Optic
2700K (90CRI)	1312 lm	1269 lm	1158 lm	819 lm
3000K (90CRI)	1343 lm	1371 lm	1252 lm	885 lm
3500K (90CRI)	1382 lm	1403 lm	1281 lm	905 lm
4000K (90CRI)	868 lm	1445 lm	1319 lm	932 lm
Warm Dim (98 CRI, R9>90)	423 lm	938 lm	846 lm	604 lm

SILENT VU™ OPTICS TECHNOLOGY

OPTICS	50° Installed, 10°, 30°, 80° available
MEDIA	Clear, Solite, Frosted, Linear Spread

POWER SUPPLY

INPUT VOLTAGE	120/277V, 50/60Hz
DIMMING	TRIAC, ELV, 0-10V, dims to 1%
SERVICABILITY	Below Ceiling Access

TRIM OPTIONS

- Round or Square
- Standard or Trimless
- Wall Wash
- Wet Location

TRIM COLORS

- White
- Black
- Champagne
- Champagne w/ White Flange
- Black w/ White Flange
- Silver w/ White Flange

HOUSING INSTALLATION

- New Construction includes (2) galvanized steel adjustable hanger bars
- 5/8" – 2" ceiling thickness
- Min Plenum Height: 2½" Shallow
- Ceiling Material: Drywall, T-bar grid
- Steel junction box with up to (4) ½" knockouts
- Air Tight
- CCEA compliant.

(Note: polycell spray-in foam insulation must be kept 3" from housing)

LISTINGS AND WARRANTY

cULus Listed	ASTM E283 Certified Airtight
UL Listed for Damp Location	UL Listed for Wet Location (Wet Location Trim Style)
IC Rated	CCEA (Chicago Plenum) Approved
Five (5) years limited warranty	CA Title 24-JA8 Compliant





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ED3SNIC

ORDER MATRIX

ED3S

ECO 3" SHALLOW PLENUM HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED3SNIC-309050-15S)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED3S ECO 3" Shallow Plenum	NIC ¹ (New Construction, IC, CCEA)	-27 (2700K) -30 (3000K) -35 (3500K) -40 (4000K)	90 (90 CRI)	50 (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-15 (13.4W)	S Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)
ED3S ECO 3" Shallow Plenum Warm Dim	NIC ¹ (New Construction, IC, CCEA)	-WD ² (1800K-3000K) Warm Dim	98 (98 CRI) Warm Dim	50 (50° Flood) Installed	-15 (13.4W)	S Universal Dimming Driver

1. Trimless Style available, order associated Trimless Mudplate/Housing Collar from Trim Accessories. 2. Requires Optical Media Accessory.

TRIM

ECO 3" DOWNLIGHT TRIM ORDER MATRIX (Example: ED3-RFSTWT)

FAMILY APERTURE	TRIM SHAPE	POSITION	TRIM STYLE	TRIM FINISH	
ED3- ECO 3"	R (Round) S (Square)	F (Fixed)	ST (Standard) WW ¹ (Wall Wash) WL (Wet Location) TL ² (Standard Trimless)	WT (White) BK (Black) CN (Champagne)	BW ³ (Black w/ White Flange) SW ³ (Silver w/ White Flange) CW ³ (Champagne w/ White Flange)

1. WW (Wall Wash) Style Trim ships with recommended 80° optic. 2. Must order associated Mudplate from Trim Accessories. 3. Color option available in ST (Standard) Style only.

TRIM ACCESSORIES

ECO 3" TRIM ACCESSORIES ORDER MATRIX (Example: ED3-R-TL)

SIZE	STYLE		
ED3- ECO 3"	R-TL (Round Trimless Mudplate/Housing Collar)	R-FMA (Round Flush Mount Adapter)	TC1 (Thick Ceiling Adapter for ceilings 1 ¹ / ₁₆ " to 1 ¹ / ₄ ")
	S-TL (Square Trimless Mudplate/Housing Collar)	S-FMA (Square Flush Mount Adapter)	TC2 (Thick Ceiling Adapter for ceilings 1 ⁵ / ₁₆ " to 2")

ACCESSORIES

ECO 3" ACCESSORIES

ADDITIONAL OPTICS	OPTICAL MEDIA	EMERGENCY OPTIONS
ED3-10-OPTIC ¹ (10° Spot)	ED3-CL (Clear Lens)	EM-1000 (25W Remote Inverter)
ED3-30-OPTIC ¹ (30° Narrow Flood)	ED3-MP ¹ (Solite Lens)	EM-1002 (10W Remote Inverter)
ED3-50-OPTIC ¹ (50° Flood)	ED3-FR ² (Frosted Lens)	EM-1003 (35W Remote Inverter)
ED3-80-OPTIC ² (80° Wide Flood)	ED3-LS (Linear Spread Lens)	EM-1003-CA (35W Remote Inverter) Title 20
	ED3-MHLDR ³ (Media Holder)	EM-1004 (50W Remote Inverter)
		EM-1006 (25W Remote Inverter) Title 20

1. WD with 10°, 30°, 50° Optic requires MP (Solite Lens).
2. WD with 80° Optic requires FR (Frosted Lens).

3. MHLDR required when ordering any optical media.



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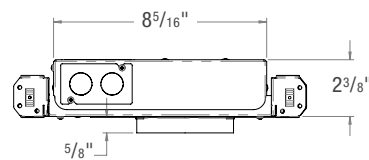
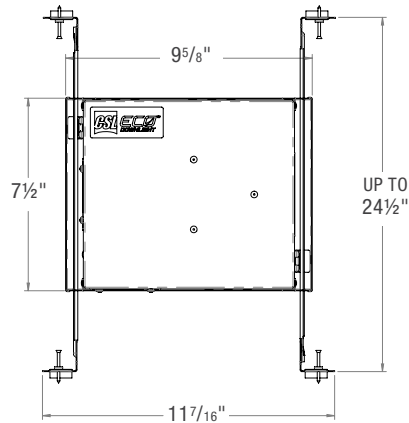
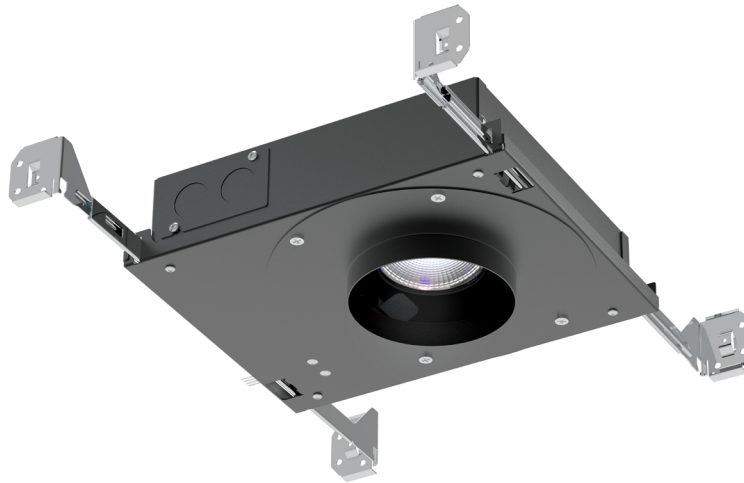
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ED3SNIC

HOUSING AND LIGHT ENGINE LINE DRAWINGS

ED3SNIC
ECO 3" SHALLOW PLENUM





**ECO 3"
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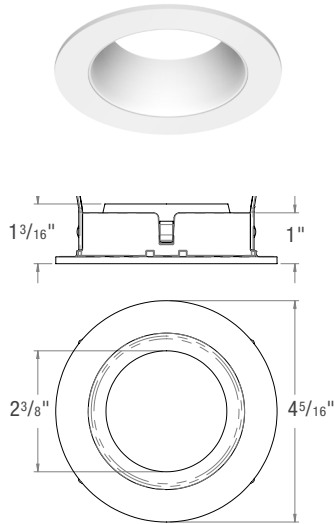
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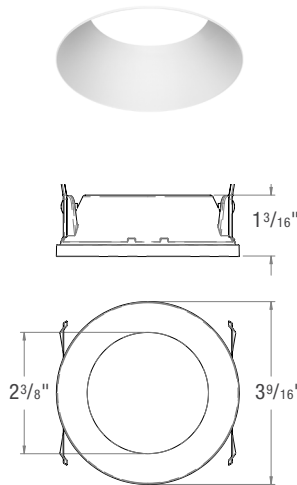
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ED3SNIC

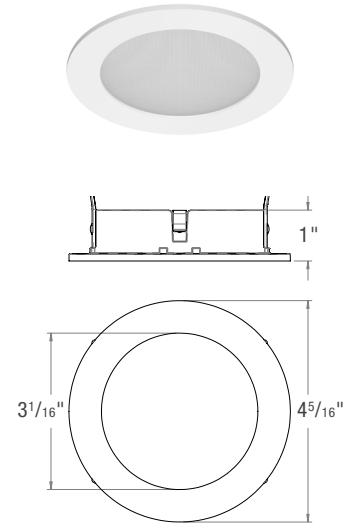
TRIM STYLES



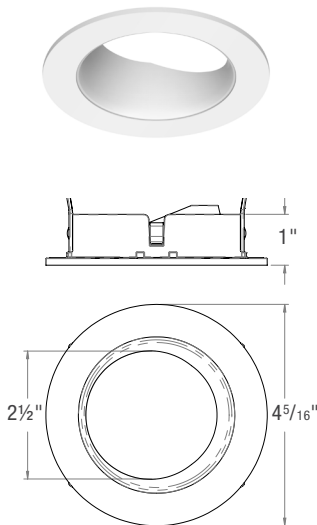
ED3-RFST
Round Fixed Standard



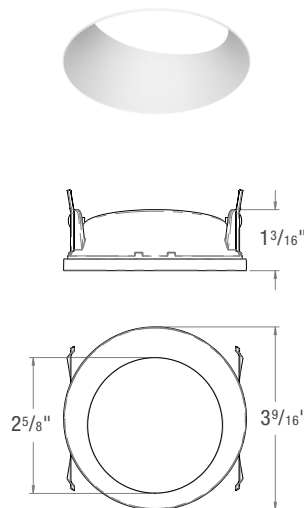
ED3-RFTL
Round Fixed Trimless
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



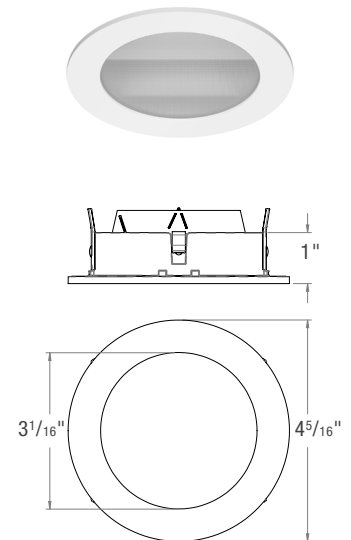
ED3-RFWL
Round Fixed Wet Location



ED3-RAST
Round Adjustable Standard
Adjustable trim styles for use
with adjustable AIC and ANC models only.



ED3-RATL
Round Adjustable Trimless
Adjustable trim styles for use with adjustable AIC
and ANC models only.
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED3-RFWW
Round Fixed Wall Wash



**ECO 3"
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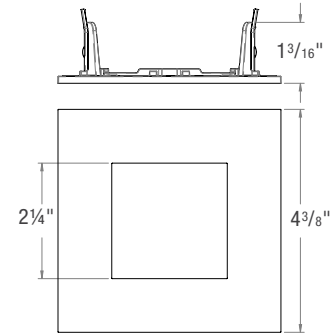
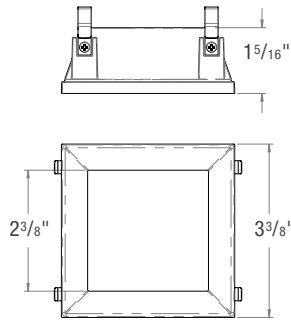
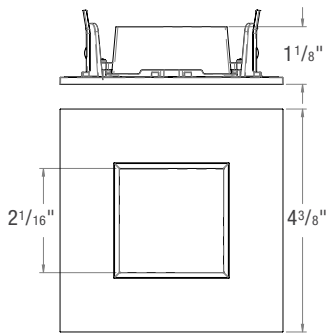
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ED3SNIC

TRIM STYLES



ED3-SFST

Square Fixed Standard

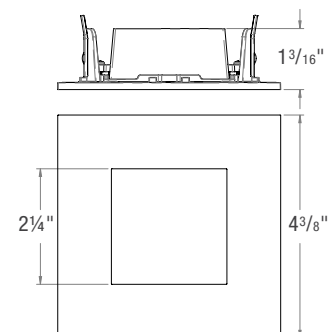
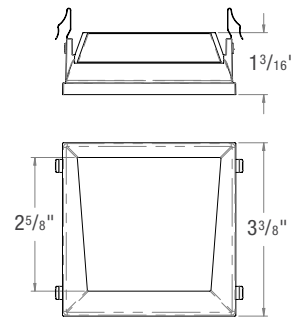
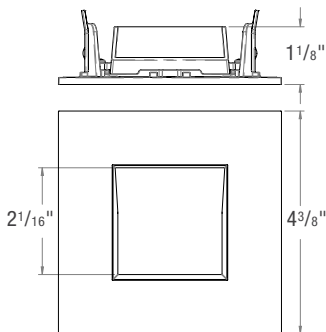
ED3-SFTL

Square Fixed Trimless

Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.

ED3-SFWL

Square Fixed Wet Location



ED3-SAST

Square Adjustable Standard
Adjustable trim styles for use
with adjustable AIC and ANC models only.

ED3-SATL

Square Adjustable Trimless
Adjustable trim styles for use with adjustable
AIC and ANC models only.
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.

ED3-SFWW

Square Fixed Wall Wash



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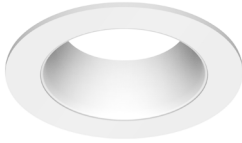
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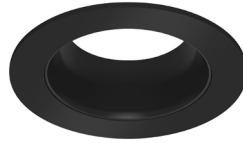
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ED3SNIC

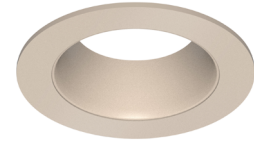
TRIM FINISHES



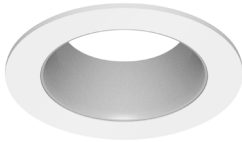
ED3-RFSTWT
WT (White Reflector with White Trim)



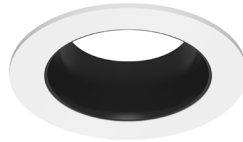
ED3-RFSTBK
BK (Black Reflector with Black Trim)



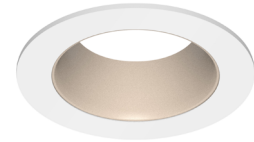
ED3-RFSTCN
CN (Champagne Reflector with Champagne Trim)



ED3-RFSTSW
SW (Silver Reflector with White Trim)



ED3-RFSTBW
BW (Black Reflector with White Trim)



ED3-RFSTCW
CW (Champagne Reflector with White Trim)



ED3-SFSTWT
WT (White Reflector with White Trim)



ED3-SFSTBK
BK (Black Reflector with Black Trim)



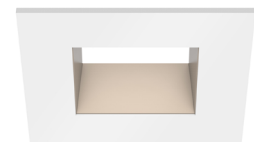
ED3-SFSTCN
CN (Champagne Reflector with Champagne Trim)



ED3-SFSTSW
SW (Silver Reflector with White Trim)



ED3-SFSTBW
BW (Black Reflector with White Trim)



ED3-SFSTCW
CW (Champagne Reflector with White Trim)



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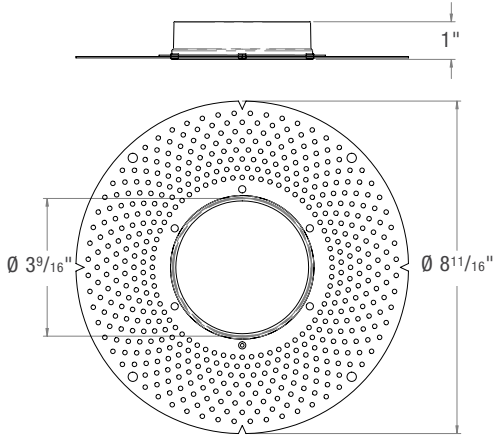
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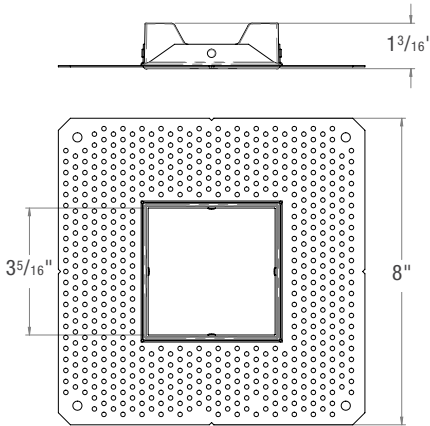
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ED3SNIC

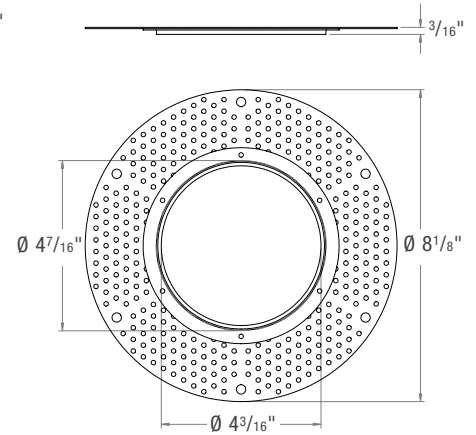
TRIM ACCESSORIES



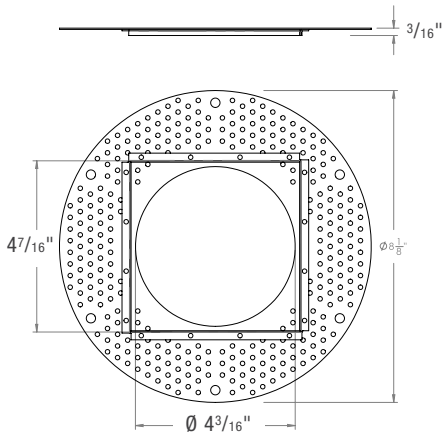
ED3-R-TL
Round Trimless Mudplate



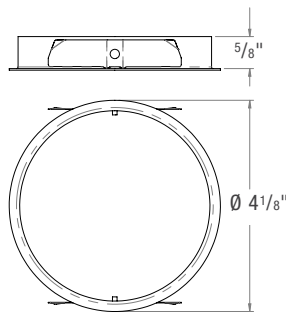
ED3-S-TL
Square Trimless Mudplate



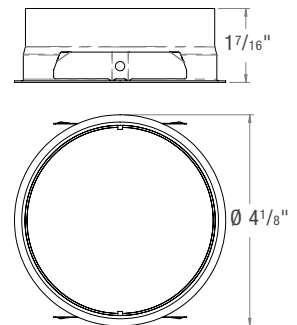
ED3-R-FMA
Round Flush Mount Adapter



ED3-S-FMA
Square Flush Mount Adapter



ED3-TC1
Thick Ceiling Adapter
for ceilings 1 1/16" to 1 1/4"



ED3-TC2
Thick Ceiling Adapter
for ceilings 1 5/16" to 2"



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ED3SNIC

DIMMER GUIDE

FOR DRIVER TYPE "S"

Universal Dimming Driver, ED3S

Compatible Phase Control Dimmers			
MFG	Model	MFG	Model
Lutron	LGCL-153PL	Leviton	VPE06
Lutron	DVRP-253P	Leviton	DW1KD-1BZ
Lutron	RRD-6CL	Leviton	IPE04
Lutron	NTELV-600P	Leviton	IPL06
Lutron	DVELV-303P	Cooper	SAL06P
Lutron	MAELV-600		
Lutron	PD-6WCL		
Lutron	SELV-300P		
Lutron	DVCL-153P		

Compatible dimmer information provided by the dimming driver manufacturer

Compatible 0-10VDC Dimmers	
MFG	Model
Lutron	NFTV
Lutron	DTVT
Lutron	DVSTV
Leviton	IP710-LFZ
Lightolier	SR1200ZTUNV
Cooper	SF10P-W
Leviton	IP710-DL

Compatible dimmer information provided by the dimming driver manufacturer