



ECO 1" SHALLOW PLENUM

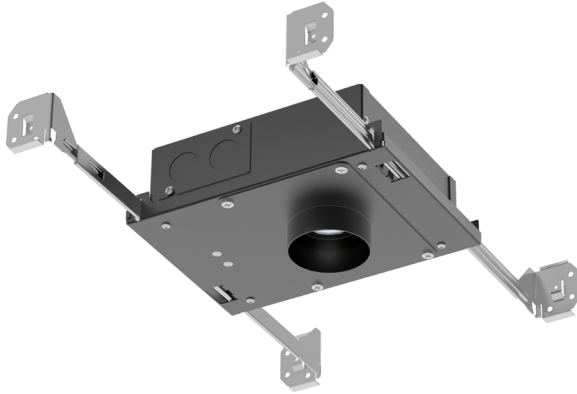
PROJECT: _____

TYPE: _____

NOTE: _____

SPEC-00271 NEW ECO, 1" SP, V-1.0, UPDATED 07/11/2022

ED1SNIC



- 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

ED1S - Shallow Plenum

Up to 1134 Delivered Lumens

Phase Control Dimming Driver

LED LIGHT ENGINE

RATED WATTAGE	9.6W
DELIVERED LUMENS	Up to 1134 lm
EFFICACY	Up to 118 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

ED1SNIC (9.6W)	10° Optic	30° Optic	50° Optic	80° Optic
2700K (90CRI)	742 lm	888 lm	825 lm	641 lm
3000K (90CRI)	816 lm	977 lm	908 lm	706 lm
3500K (90CRI)	928 lm	1110 lm	1031 lm	802 lm
4000K (90CRI)	928 lm	1221 lm	1134 lm	882 lm
Warm Dim (98 CRI, R9>90)	423 lm	515 lm	516 lm	427 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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ED1SNIC

ORDER MATRIX

ED1S

ECO 1" SHALLOW PLENUM HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED1SNIC-309050-12A1)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED1S ECO 1" 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	-12 (9.6W)	A1 Phase Control Dimming Driver (5%-100% TRIAC, ELV, 120V)
ED1S ECO 1" 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	-12 (9.6W)	A1 Phase Control Dimming Driver

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

TRIM

ECO 1" DOWNLIGHT TRIM ORDER MATRIX (Example: ED1-RSTWT)

FAMILY APERTURE	TRIM SHAPE	TRIM STYLE	TRIM FINISH	
ED1- ECO 1"	R (Round) S (Square)	ST (Standard) WL (Wet Location) TL ¹ (Standard Trimless)	WT (White) BK (Black) CN (Champagne)	BW ² (Black w/ White Flange) SW ² (Silver w/ White Flange) CW ² (Champagne w/ White Flange)

1. Must order associated Mudplate from Trim Accessories. 2. Color option available in ST (Standard) Style only.

TRIM ACCESSORIES

ECO 1" TRIM ACCESSORIES ORDER MATRIX (Example: ED1-R-TL)

SIZE	STYLE		
ED1- ECO 1"	R-TL (Round Trimless Mudplate/Housing Collar) S-TL (Square Trimless Mudplate/Housing Collar)	R-FMA (Round Flush Mount Adapter) S-FMA (Square Flush Mount Adapter)	TC1 (Thick Ceiling Adapter for ceilings 1 ¹ / ₁₆ " to 1 ¹ / ₄ ") TC2 (Thick Ceiling Adapter for ceilings 1 ⁵ / ₁₆ " to 2")

ACCESSORIES

ECO 1" ACCESSORIES

ADDITIONAL OPTICS	OPTICAL MEDIA	EMERGENCY OPTIONS
ED1-10-OPTIC ¹ (10° Spot) ED1-30-OPTIC ¹ (30° Narrow Flood) ED1-50-OPTIC ¹ (50° Flood) ED1-80-OPTIC ² (80° Wide Flood)	ED1-CL (Clear Lens) ED1-MP ¹ (Solite Lens) ED1-FR ² (Frosted Lens) ED1-LS (Linear Spread Lens) ED1-MHLDR ³ (Media Holder)	EM-1000 (25W Remote Inverter) EM-1002 (10W Remote Inverter) EM-1003 (35W Remote Inverter) EM-1003-CA (35W Remote Inverter) Title 20 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.



**ECO 1"
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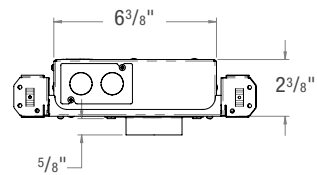
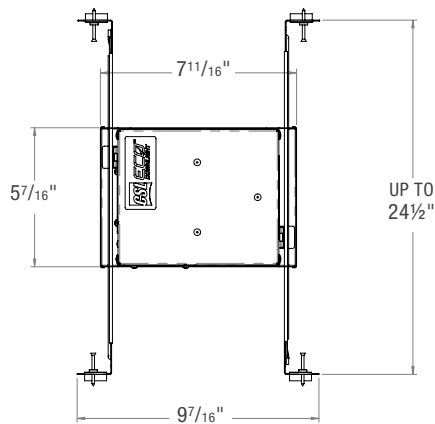
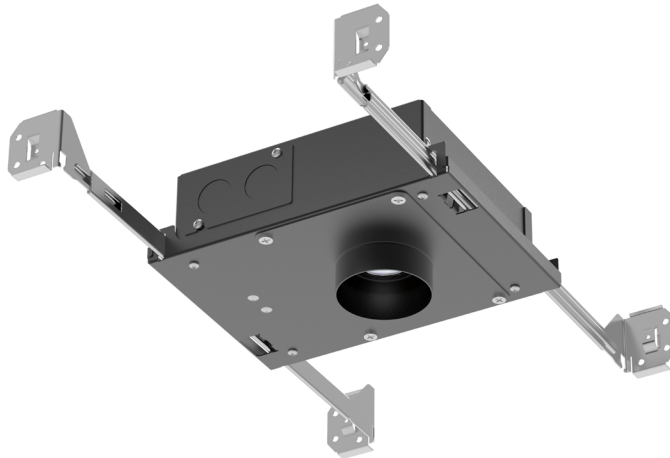
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ED1SNIC

HOUSING AND LIGHT ENGINE LINE DRAWINGS

ED1SNIC
ECO 1" SHALLOW PLENUM





**ECO 1"
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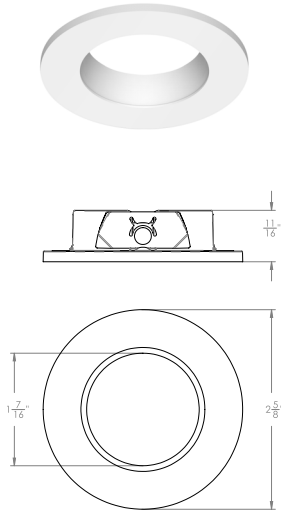
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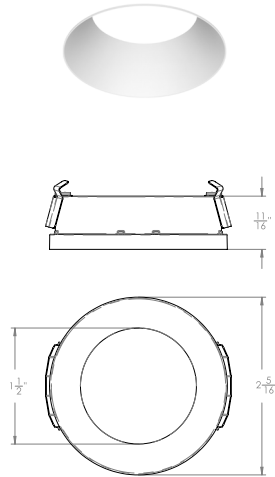
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ED1SNIC

TRIM STYLES

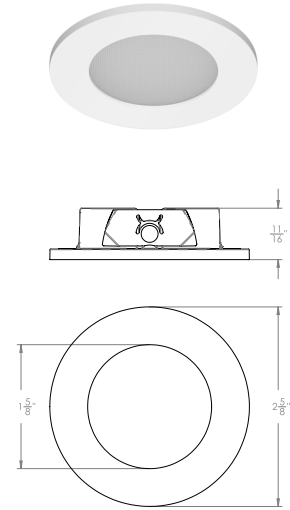


ED1-RST
Round Standard

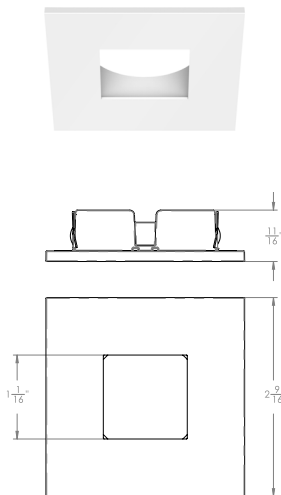


ED1-RTL
Round Trimless

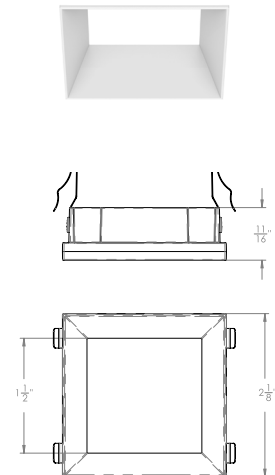
Must order associated Mudplate from Trim Accessories.
Trimless Style for use with AIC, ANC, and SNIC models only.



ED1-RWL
Round Wet Location

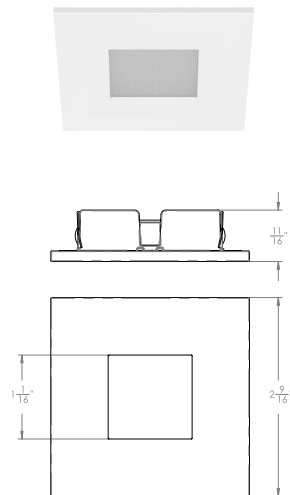


ED1-SST
Square Standard



ED1-STL
Square Trimless

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



ED1-SWL
Square Wet Location



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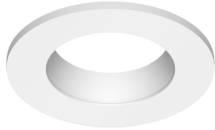
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NOTE: _____

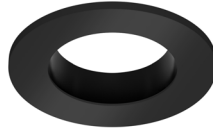
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ED1SNIC

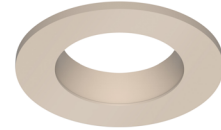
TRIM FINISHES



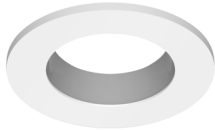
ED1-RSTWT
WT (White Reflector with White Trim)



ED1-RSTBK
BK (Black Reflector with Black Trim)



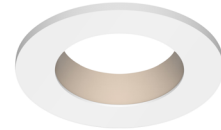
ED1-RSTCN
CN (Champagne Reflector with Champagne Trim)



ED1-RSTSW
SW (Silver Reflector with White Trim)



ED1-RSTBW
BW (Black Reflector with White Trim)



ED1-RSTCW
CW (Champagne Reflector with White Trim)



ED1-SSTWT
WT (White Reflector with White Trim)



ED1-SSTBK
BK (Black Reflector with Black Trim)



ED1-SSTCN
CN (Champagne Reflector with Champagne Trim)



ED1-SSTSW
SW (Silver Reflector with White Trim)



ED1-SSTBW
BW (Black Reflector with White Trim)



ED1-SSTCW
CW (Champagne Reflector with White Trim)



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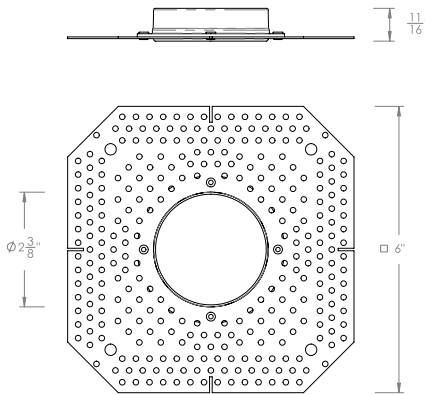
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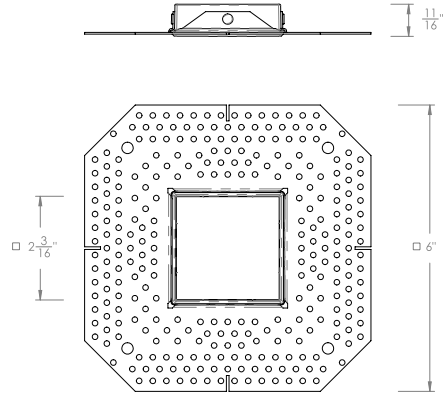
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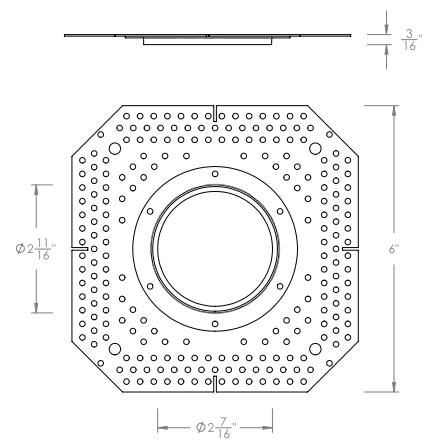
TRIM ACCESSORIES



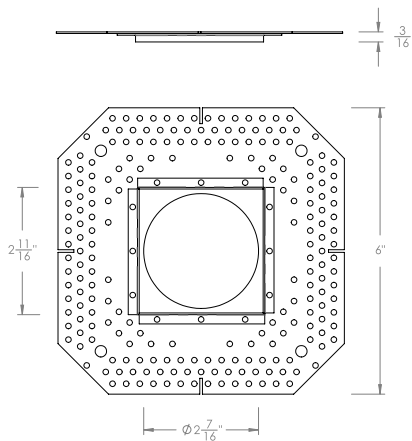
ED1-R-TL
Round Trimless Mudplate



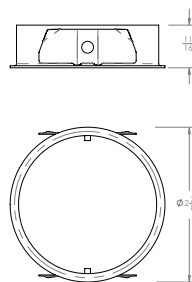
ED1-S-TL
Square Trimless Mudplate



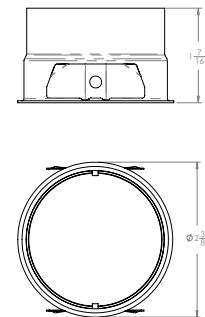
ED1-R-FMA
Round Flush Mount Adapter



ED1-S-FMA
Square Flush Mount Adapter



ED1-TC1
Thick Ceiling Adapter
for ceilings 11/16" to 11/4"



ED1-TC2
Thick Ceiling Adapter
for ceilings 1 5/16" to 2"



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DIMMER GUIDE

FOR DRIVER TYPE "A1"

Universal Dimming Driver, ED3S

Compatible Phase Control Dimmers	
MFG	Model
Leviton	6684
Leviton	RP106
Leviton	IP106
Leviton	6615
Lutron	NTLV-600
Lutron	DV-103P
Lutron	S-600P
Lutron	DVCL-153P

Compatible dimmer information provided by the dimming driver manufacturer