



ECO 1" SHALLOW PLENUM

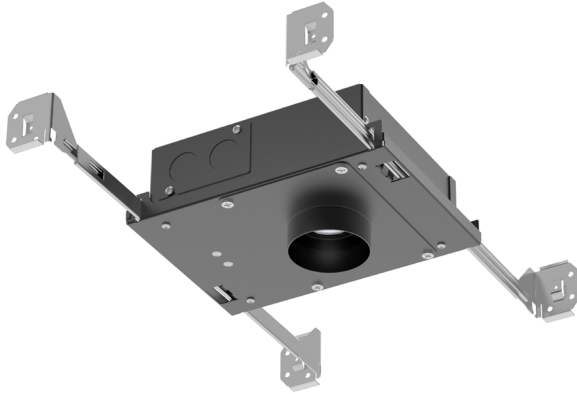
PROJECT: _____

TYPE: _____

NOTE: _____

SPEC-00271 NEW ECO, 1" SP, V-3.0, UPDATED 05/19/2023

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, 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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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 (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 (1%-100% TRIAC, ELV, 120V) |
| ED1S ECO 1" Shallow Plenum Warm Dim | NIC (New Construction, IC, CCEA) | -WD (1800K~3000K) Warm Dim | 98 (98 CRI) Warm Dim | 50 (50° Flood) Installed | -12 (9.6W) | A1 Phase Control Dimming Driver |



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ORDER MATRIX

TRIM

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

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

1. Color option available in ST (Standard) Style only.

ECO 1" DOWNLIGHT TRIMLESS ORDER MATRIX (Example: ED1-KRSTWT)

| FAMILY APERTURE | KIT | REFLECTOR SHAPE | REFLECTOR STYLE | REFLECTOR FINISH |
|----------------------|---------------------------------------|-------------------|----------------------------------|-----------------------|
| ED1- ECO 1" Trimless | K (Reflector and Mudplate Kit) | R (Round) | ST (SNIC Shallow housing) | WT (White) |
| | | S (Square) | | BK (Black) |
| | | | | CN (Champagne) |

ACCESSORIES

ECO 1" ACCESSORIES FOR ECO ED1, ED1L, ED1S

| ADDITIONAL OPTICS | OPTICAL MEDIA | EMERGENCY OPTIONS |
|--|---|--|
| ED1-10-OPTIC¹ (10° Spot) | ED1-CL (Clear Lens) | EM-1000 (25W Remote Inverter) |
| ED1-30-OPTIC¹ (30° Narrow Flood) | ED1-MP¹ (Solite Lens) | EM-1002 (10W Remote Inverter) |
| ED1-50-OPTIC¹ (50° Flood) | ED1-FR² (Frosted Lens) | EM-1003 (35W Remote Inverter) |
| ED1-80-OPTIC² (80° Wide Flood) | ED1-LS (Linear Spread Lens) | EM-1003-CA (35W Remote Inverter) Title 20 |
| | ED1-HEX³ (Hex Louver) | EM-1004 (50W Remote Inverter) |
| | ED1-MHLDR⁴ (Media Holder) | 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. Only available for AIC, LAIC, ANC, LANC, SNIC housings, media holder required.

4. MHLDR required when ordering any optical media.

TRIM ACCESSORIES

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

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





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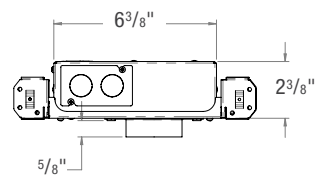
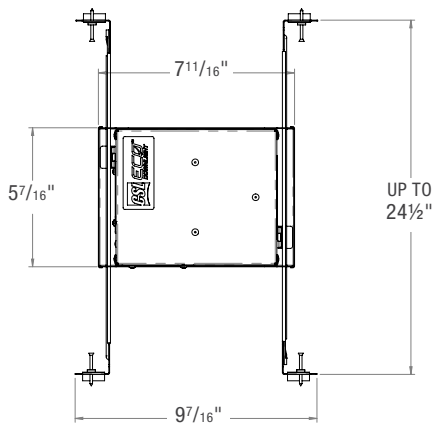
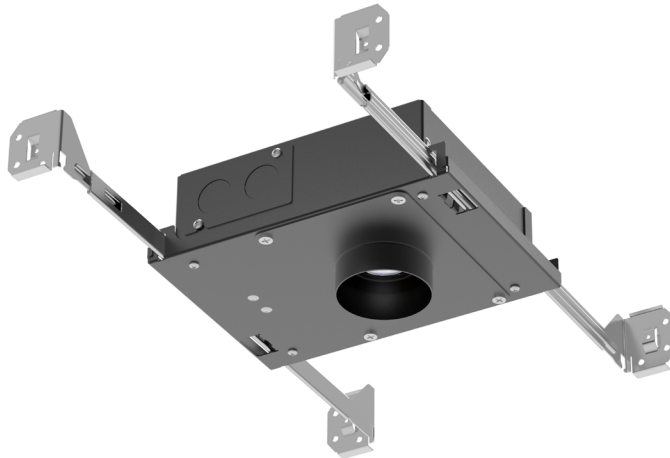
NOTE: _____

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ED1SNIC

HOUSING AND LIGHT ENGINE LINE DRAWINGS

ED1SNIC
ECO 1" SHALLOW PLENUM





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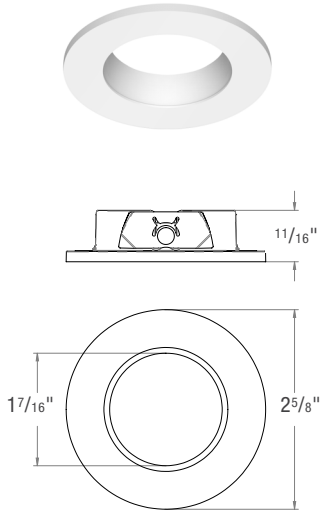
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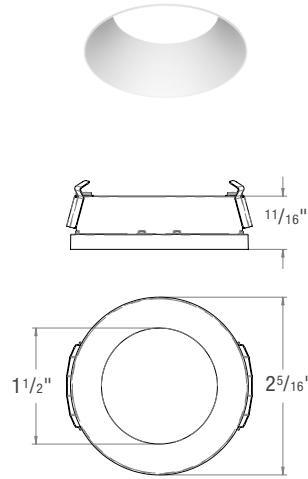
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ED1SNIC

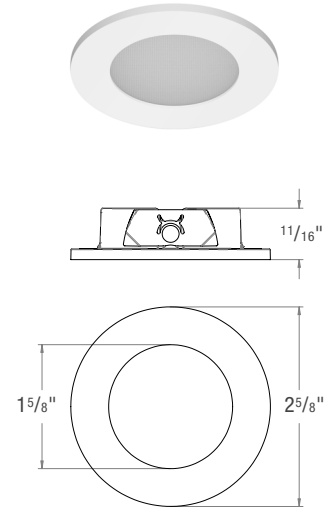
TRIM STYLES



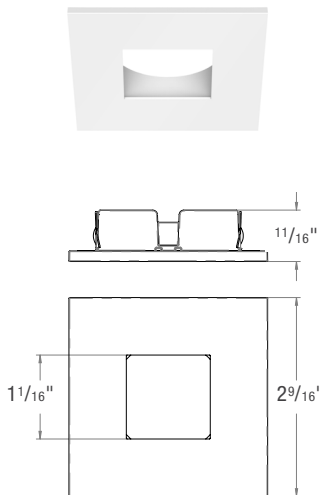
ED1-RST
Round Standard



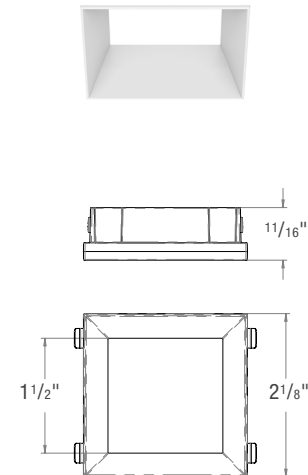
ED1-RTL
Round Trimless



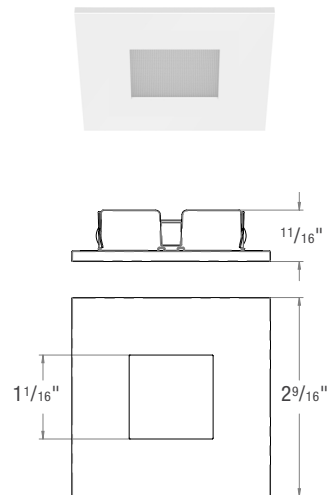
ED1-RWL
Round Wet Location



ED1-SST
Square Standard



ED1-STL
Square Trimless
Trimless Style for use with AIC, ANC, and SNIC models only.



ED1-SWL
Square Wet Location



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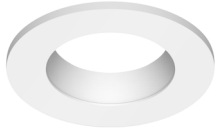
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NOTE: _____

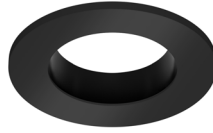
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ED1SNIC

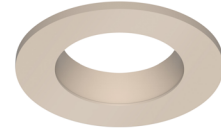
TRIM FINISHES



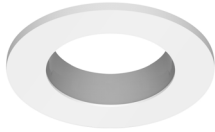
ED1-RSTWT
WT (White Reflector with White Trim)



ED1-RSTBK
BK (Black Reflector with Black Trim)



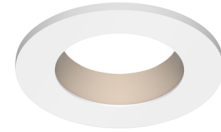
ED1-RSTCN
CN (Champagne Reflector with Champagne Trim)



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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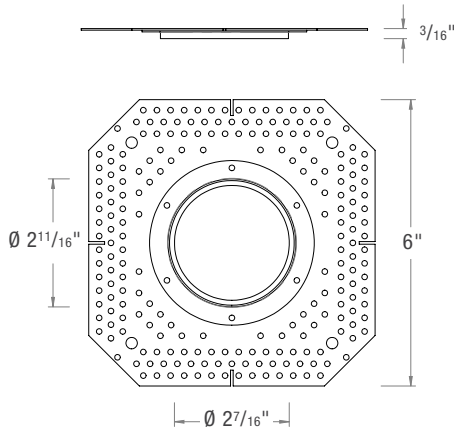
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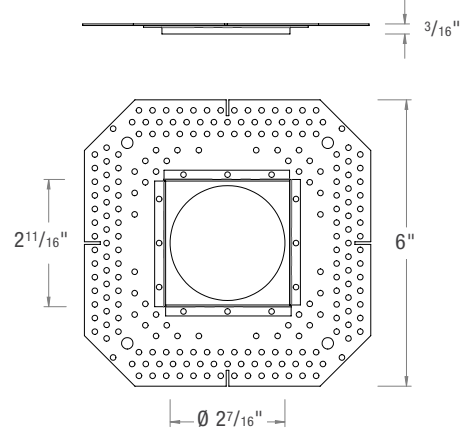
ED1SNIC

TRIM ACCESSORIES



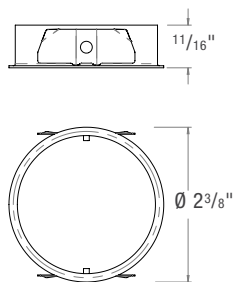
ED1-R-FMA

Round Flush Mount Adapter



ED1-S-FMA

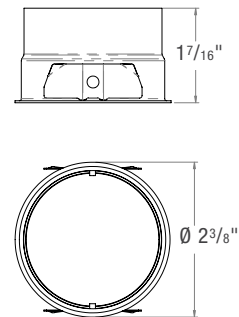
Square Flush Mount Adapter



ED1-TC1

Thick Ceiling Adapter

For ceilings 1 1/16" to 1 1/4"



ED1-TC2

Thick Ceiling Adapter

For ceilings 1 5/16" to 2"



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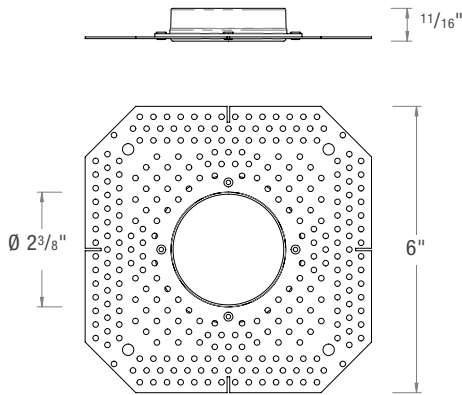
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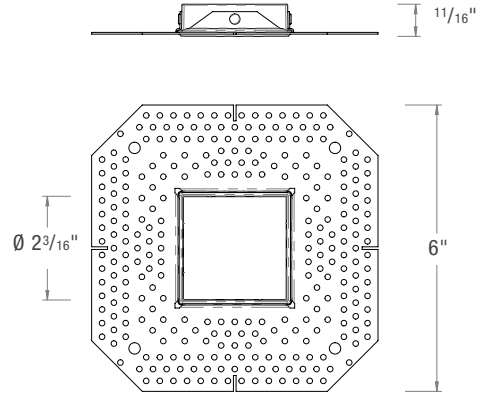
TRIMLESS ACCESSORIES



ED1-R-TL

Round Trimless Mudplate

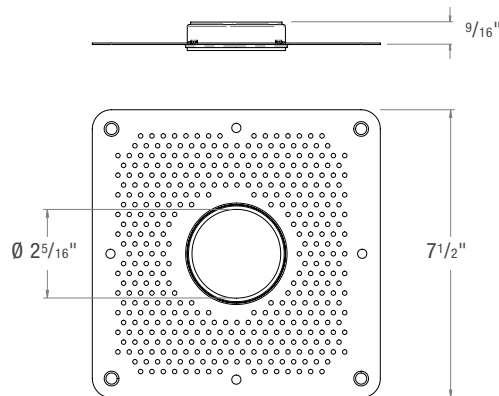
For use with AIC, ANC, SNIC housings only.



ED1-S-TL

Square Trimless Mudplate

For use with AIC, ANC, SNIC housings only.



ED1-R-RMTL

Round Trimless Mudplate

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DIMMER GUIDE

FOR DRIVER TYPE "A1"

Universal Dimming Driver, ED1S

| 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