



# ECO 5" SHALLOW PLENUM

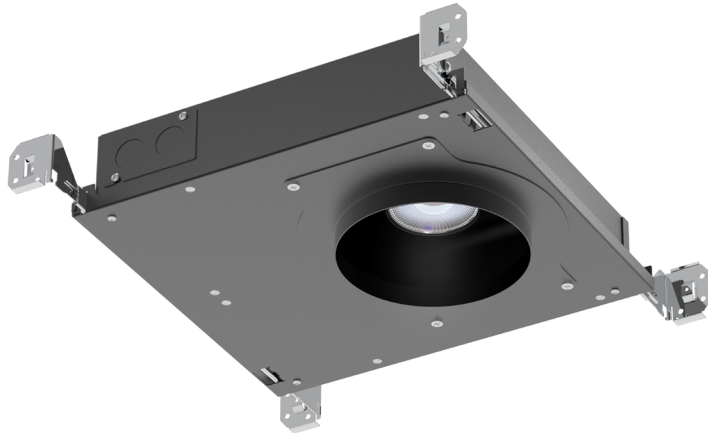
PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

NOTE: \_\_\_\_\_

SPEC-00273 NEW ECO, 5" SP, V-1.0, UPDATED 07/11/2022

ED5SNIC



- 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

ED5S - Shallow Plenum

Up to 2090 Delivered Lumens

Universal Dimming Driver

### LED LIGHT ENGINE

RATED WATTAGE	24W
DELIVERED LUMENS	Up to 2090 lm
EFFICACY	Up to 87 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

ED5SNIC (24W)	10° Optic	30° Optic	50° Optic	80° Optic
2700K (90CRI)	1953 lm	2063 lm	1836 lm	1394 lm
3000K (90CRI)	2110 lm	2229 lm	1984 lm	1507 lm
3500K (90CRI)	2160 lm	2282 lm	2031 lm	1542 lm
4000K (90CRI)	2223 lm	2348 lm	2090 lm	1587 lm
Warm Dim (98 CRI, R9>90)	1472 lm	1545 lm	1418 lm	1033 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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## ORDER MATRIX

### ED5S

ECO 5" SHALLOW PLENUM HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5SNIC-309050-25S)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
<b>ED5S</b> ECO 5" Shallow Plenum	<b>NIC</b> <sup>1</sup> (New Construction, IC, CCEA)	-27 (2700K) -30 (3000K) -35 (3500K) -40 (4000K)	<b>90</b> (90 CRI)	<b>50</b> (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	<b>-25</b> (13.4W)	<b>S</b> Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)
<b>ED5S</b> ECO 5" Shallow Plenum <b>Warm Dim</b>	<b>NIC</b> <sup>1</sup> (New Construction, IC, CCEA)	<b>-WD</b> <sup>2</sup> (1800K-3000K) <b>Warm Dim</b>	<b>98</b> (98 CRI) <b>Warm Dim</b>	<b>50</b> (50° Flood) Installed	<b>-25</b> (13.4W)	<b>S</b> Universal Dimming Driver

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

## TRIM

ECO 5" DOWNLIGHT TRIM ORDER MATRIX (Example: ED5-RFSTWT)

FAMILY APERTURE	TRIM SHAPE	POSITION	TRIM STYLE	TRIM FINISH	
<b>ED5-</b> ECO 5"	<b>R</b> (Round) <b>S</b> (Square)	<b>F</b> (Fixed)	<b>ST</b> (Standard) <b>WW</b> <sup>1</sup> (Wall Wash) <b>WL</b> (Wet Location) <b>TL</b> <sup>2</sup> (Standard Trimless)	<b>WT</b> (White) <b>BK</b> (Black) <b>CN</b> (Champagne)	<b>BW</b> <sup>3</sup> (Black w/ White Flange) <b>SW</b> <sup>3</sup> (Silver w/ White Flange) <b>CW</b> <sup>3</sup> (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 5" TRIM ACCESSORIES ORDER MATRIX (Example: ED5-R-TL)

SIZE	STYLE		
<b>ED5-</b> ECO 5"	<b>R-TL</b> (Round Trimless Mudplate/Housing Collar)	<b>R-FMA</b> (Round Flush Mount Adapter)	<b>TC1</b> (Thick Ceiling Adapter for ceilings 1 <sup>1</sup> / <sub>16</sub> " to 1 <sup>1</sup> / <sub>4</sub> ")
	<b>S-TL</b> (Square Trimless Mudplate/Housing Collar)	<b>S-FMA</b> (Square Flush Mount Adapter)	<b>TC2</b> (Thick Ceiling Adapter for ceilings 1 <sup>5</sup> / <sub>16</sub> " to 2")

## ACCESSORIES

ECO 5" ACCESSORIES

ADDITIONAL OPTICS	OPTICAL MEDIA	EMERGENCY OPTIONS
<b>ED5-10-OPTIC</b> <sup>1</sup> (10° Spot)	<b>ED5-CL</b> (Clear Lens)	<b>EM-1000</b> (25W Remote Inverter)
<b>ED5-30-OPTIC</b> <sup>1</sup> (30° Narrow Flood)	<b>ED5-MP</b> <sup>1</sup> (Solite Lens)	<b>EM-1002</b> (10W Remote Inverter)
<b>ED5-50-OPTIC</b> <sup>1</sup> (50° Flood)	<b>ED5-FR</b> <sup>2</sup> (Frosted Lens)	<b>EM-1003</b> (35W Remote Inverter)
<b>ED5-80-OPTIC</b> <sup>2</sup> (80° Wide Flood)	<b>ED5-LS</b> (Linear Spread Lens)	<b>EM-1003-CA</b> (35W Remote Inverter) Title 20
	<b>ED5-MHLDR</b> <sup>3</sup> (Media Holder)	<b>EM-1004</b> (50W Remote Inverter)
		<b>EM-1006</b> (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 5"  
SHALLOW PLENUM**

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

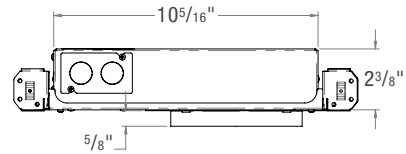
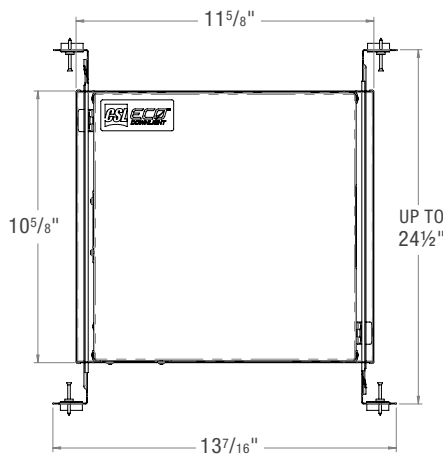
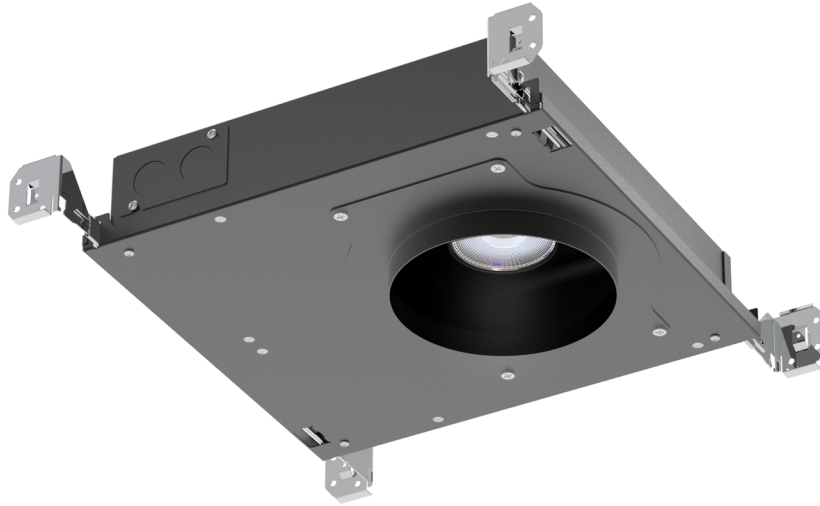
NOTE: \_\_\_\_\_

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ED5SNIC

**HOUSING AND LIGHT ENGINE LINE DRAWINGS**

ED5SNIC  
ECO 5" SHALLOW PLENUM





**ECO 5"  
SHALLOW PLENUM**

PROJECT: \_\_\_\_\_

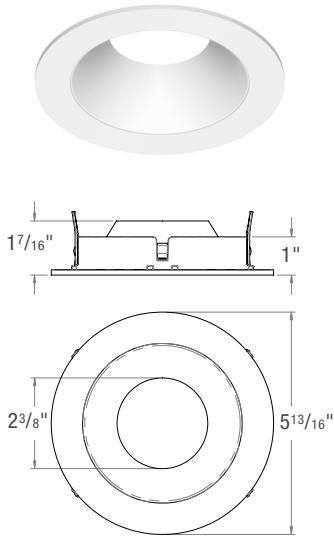
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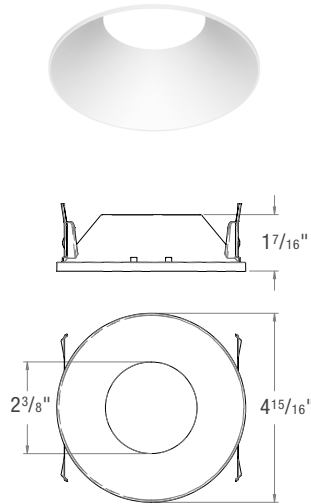
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ED5SNIC

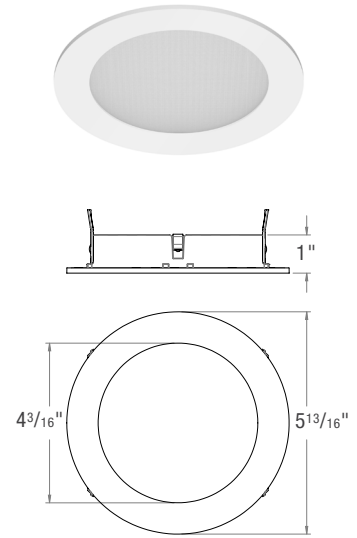
**TRIM STYLES**



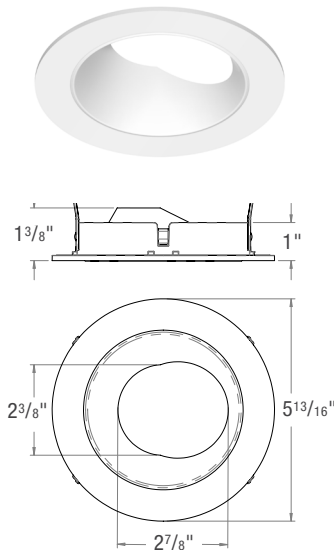
**ED5-RFST**  
Round Fixed Standard



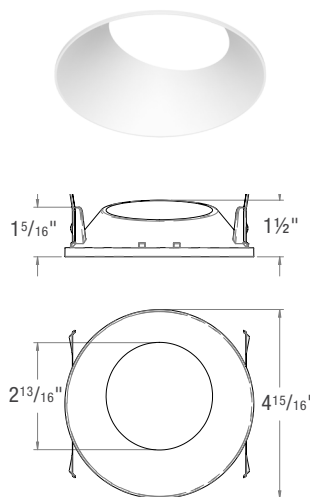
**ED5-RFTL**  
Round Fixed Trimless  
Must order associated Mudplate from Trim Accessories.  
Trimless Style for use with AIC, ANC, and SNIC models only.



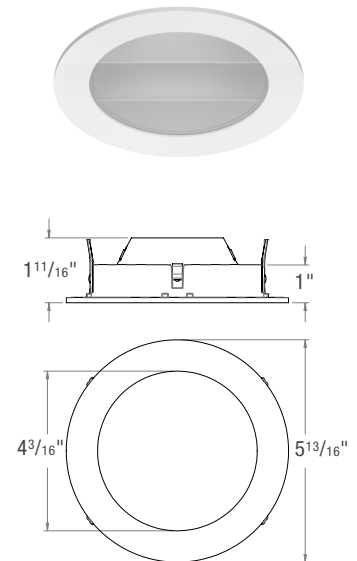
**ED5-RFWL**  
Round Wet Location



**ED5-RAST**  
Round Adjustable Standard  
Adjustable trim styles for use  
with adjustable AIC and ANC models only.



**ED5-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.



**ED5-RFWW**  
Round Wall Wash



**ECO 5"  
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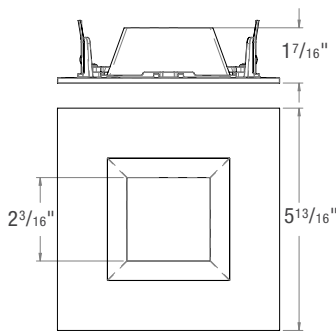
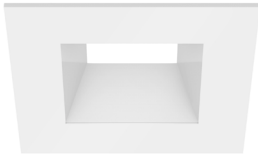
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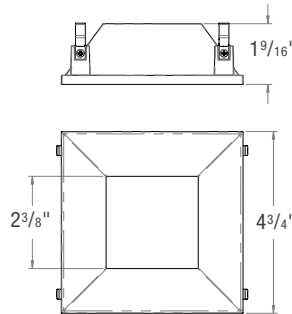
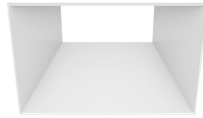
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ED5SNIC

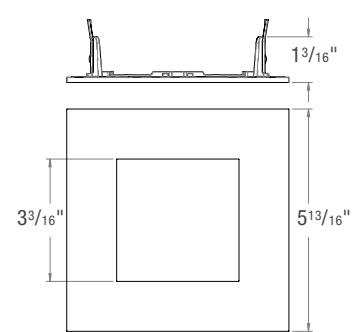
**TRIM STYLES**



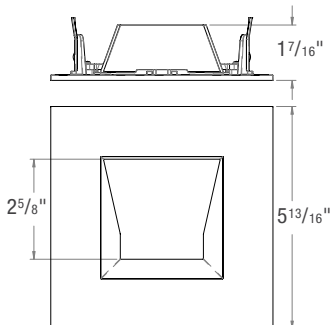
**ED5-SFST**  
Square Fixed Standard



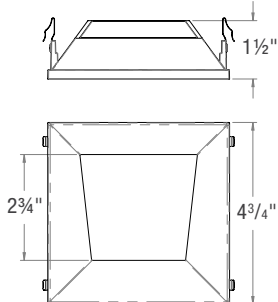
**ED5-SFTL**  
Square Fixed Trimless  
Must order associated Mudplate from Trim Accessories.  
Trimless Style for use with AIC, ANC, and SNIC models only.



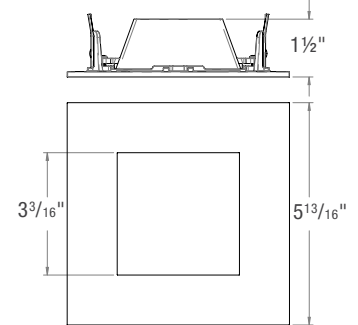
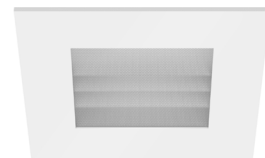
**ED5-SFWL**  
Square Wet Location



**ED5-SAST**  
Square Adjustable Standard  
Adjustable trim styles for use with adjustable AIC and ANC models only.



**ED5-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.



**ED5-SFWW**  
Square Wall Wash



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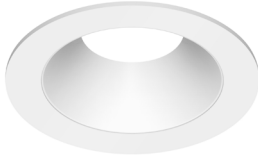
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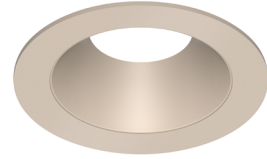
## TRIM FINISHES



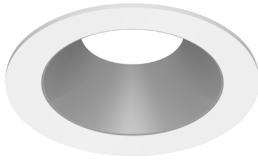
**ED5-RFSTWT**  
WT (White Reflector with White Trim)



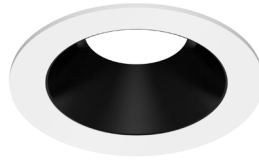
**ED5-RFSTBK**  
BK (Black Reflector with Black Trim)



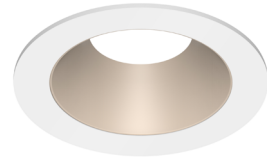
**ED5-RFSTCN**  
CN (Champagne Reflector with Champagne Trim)



**ED5-RFSTSW**  
SW (Silver Reflector with White Trim)



**ED5-RFSTBW**  
BW (Black Reflector with White Trim)



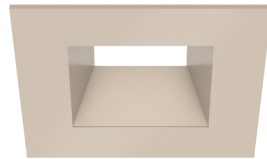
**ED5-RFSTCW**  
CW (Champagne Reflector with White Trim)



**ED5-SFSTWT**  
WT (White Reflector with White Trim)



**ED5-SFSTBK**  
BK (Black Reflector with Black Trim)



**ED5-SFSTCN**  
CN (Champagne Reflector with Champagne Trim)



**ED5-SFSTSW**  
SW (Silver Reflector with White Trim)



**ED5-SFSTBW**  
BW (Black Reflector with White Trim)



**ED5-SFSTCW**  
CW (Champagne Reflector with White Trim)



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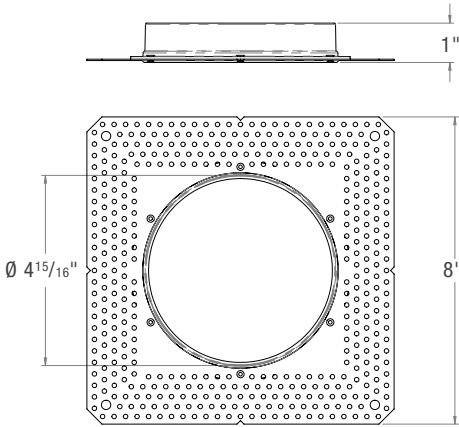
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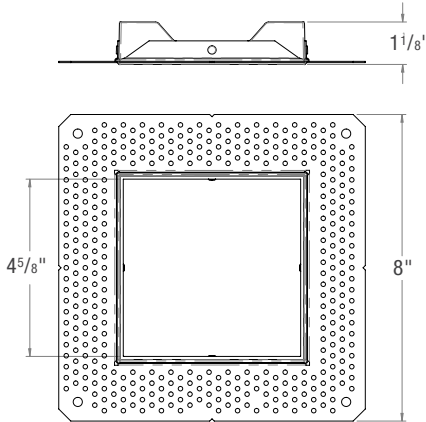
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ED5S5NIC

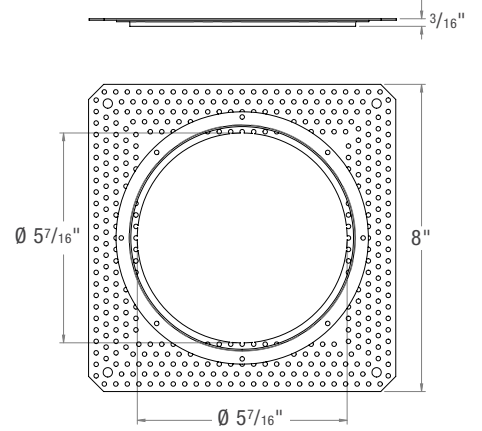
**TRIM ACCESSORIES**



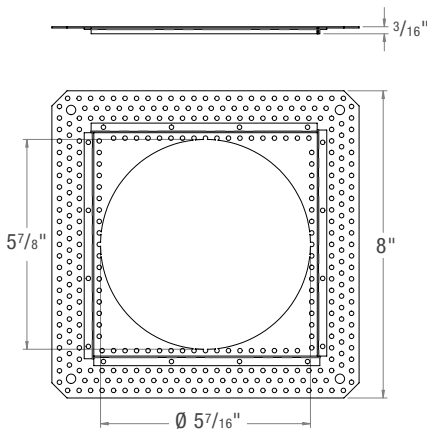
**ED5-R-TL**  
Round Trimless Mudplate



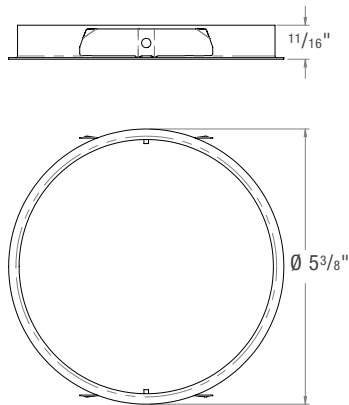
**ED5-S-TL**  
Square Trimless Mudplate



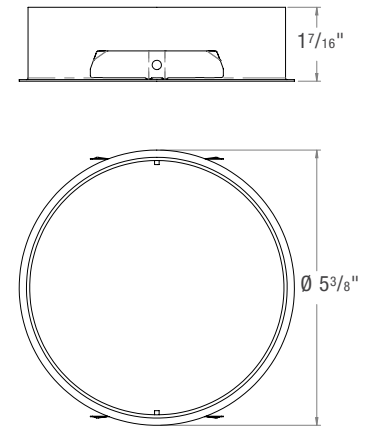
**ED5-R-FMA**  
Round Flush Mount Adapter



**ED5-S-FMA**  
Square Flush Mount Adapter



**ED5-TC1**  
Thick Ceiling Adapter  
for ceilings 1 1/16" to 1 1/4"



**ED5-TC2**  
Thick Ceiling Adapter  
for ceilings 1 5/16" to 2"



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ED5SNIC

**DIMMER GUIDE**

FOR DRIVER TYPE "S"

Universal Dimming Driver, ED5S

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	DTV
Lutron	DVSTV
Leviton	IP710-LFZ
Lightolier	SR1200ZTUNV
Cooper	SF10P-W
Leviton	IP710-DL

Compatible dimmer information provided by the dimming driver manufacturer