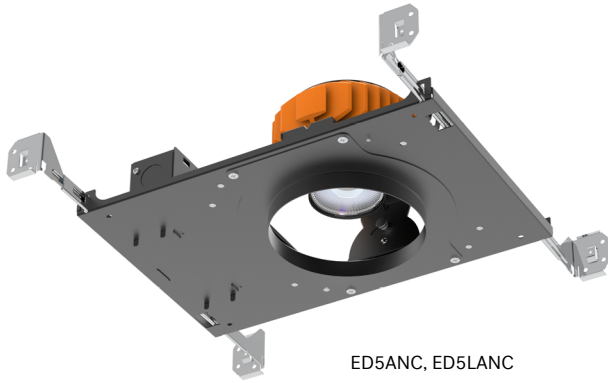
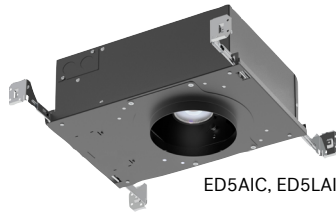


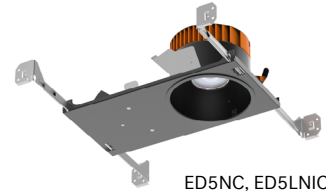
ECO 5" LED DOWNLIGHT



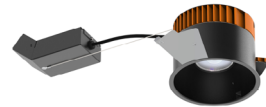
ED5ANC, ED5LANC



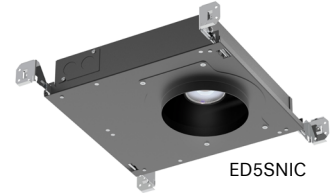
ED5AIC, ED5LAIC



ED5NC, ED5LNIC



ED5RM, ED5LRIC



ED5SNIC

LED LIGHT ENGINE

RATED WATTAGES	29.5W, 24W, 15.3W
DELIVERED LUMENS	Up to 2657 lm
EFFICACY	Up to 104 LPW
CCT @ 90CRI	2700K, 3000K, 3500K, 4000K, Warm Dim
COLOR QUALITY	90+ CRI, 2-Step SDCM
LED LIFETIME	55,000 hours @ L90

SILENT VU™ OPTICS TECHNOLOGY

OPTICS	50° Installed, 10°, 30°, 80° available
ADJUSTABLE	0° to 45° tilt (Adjustable housings only)
MEDIA	Clear, Solite, Frosted, Linear Spread

POWER SUPPLY

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

DELIVERED LUMENS MATRIX

ED5 (29.5W)	10° OPTIC	30° OPTIC	50° OPTIC	80° OPTIC
2700K (90CRI)	2275 lm	2403 lm	2139 lm	1624 lm
3000K (90CRI)	2458 lm	2597 lm	2311 lm	1755 lm
3500K (90CRI)	2516 lm	2657 lm	2366 lm	1796 lm
4000K (90CRI)	2590 lm	2735 lm	2435 lm	1849 lm

ED5 NIC, RIC (15.3W)	10° OPTIC	30° OPTIC	50° OPTIC	80° OPTIC
Warm Dim (98 CRI, R9>90)	1030 lm	1081 lm	992 lm	723 lm

ED5 AIC, ANC (24W)	10° OPTIC	30° OPTIC	50° OPTIC	80° OPTIC
Warm Dim (98 CRI, R9>90)	1472 lm	1545 lm	1418 lm	1033 lm

ED5L (15.3W)	10° OPTIC	30° OPTIC	50° OPTIC	80° OPTIC
2700K (90CRI)	1348 lm	1424 lm	1268 lm	963 lm
3000K (90CRI)	1457 lm	1539 lm	1370 lm	1040 lm
3500K (90CRI)	1491 lm	1575 lm	1402 lm	1065 lm
4000K (90CRI)	1535 lm	1621 lm	1443 lm	814 lm

ED5S (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

TRIM OPTIONS

- Fixed or Adjustable
- 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

- New Construction includes (2) galvanized steel adjustable hanger bars
- Remodel option available
- 5/8"-2" ceiling thickness
- Min Plenum Height: 2 1/2" Shallow
- Ceiling Material: Drywall, T-bar grid
- Steel junction box with up to (4) 1/2" knockouts
- AIC, NIC, RIC, SNIC models are Air Tight.
- AIC, SNIC models are CCEA compliant. (Note: polycell spray-in foam insulation must be kept 3" from housing)

LISTING/WARRANTY

- cULus Listed
- UL Listed for Damp Location (All Styles)
- IC Rated and Non IC Rated Available
- CCEA Approved (AIC, SNIC Models)
- Five (5) years limited warranty
- UL Listed for Wet Location (Wet Location Trim Style)
- CA Title 24-JA8 Compliant (AIC, NIC, RIC, SNIC Models)
- ASTM E283 Certified Airtight (AIC, NIC, RIC, SNIC Models)



ECO 5" LED DOWNLIGHT

ORDER MATRIX

ED5

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5AIC-309050-30S)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5 ECO 5"	AIC Adjustable New Construction, IC, CCEA	-27 2700K	90 90 CRI	50 50° Flood Installed	-30 29.5W	S ³ Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)
	ANC Adjustable New Construction	-30 3000K		10°, 30°, 80° optics available from the Additional Optics Accessories table below		
	NC New Construction	-35 3500K				
	RM Remodel	-40 4000K				

FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5 ECO 5" Warm Dim	AIC ¹ Adjustable New Construction, IC, CCEA	-WD ² 1800K-3000K	98 98 CRI	50 50° Flood Installed	-16 ¹ 15.3W	S ³ Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)
	ANC ¹ Adjustable New Construction	Warm Dim		10°, 30°, 80° optics available from the Additional Optics Accessories table below	NIC or RIC Installation Type Only	
	NIC ¹ New Construction IC				- -25 ^{1,2} 24W	
	RIC ¹ Remodel IC				AIC or ANC Installation Type Only	

1. AIC or ANC Installation Type and Wttage Code -25. NIC or RIC Installation Type and Wttage Code -16.

2. Wattage Code -25 Title 24 JA-8 compliant only with 10°, 30° or 50° optic installed.

3. TRIAC, ELV dimming for 120V only.

ED5L

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5LAIC-309050-16S2)

HOUSING BASE		LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
ED5L ECO 5" LPD	AIC Adjustable New Construction, IC, CCEA	-27 2700K	90 90 CRI	50 50° Flood Installed	-16 15.3W	S2 ¹ Phase Control Dimming Driver (1%-100% TRIAC, ELV, 120V/277V)
	ANC Adjustable New Construction	-30 3000K		10°, 30°, 80° optics available from the Additional Optics Accessories table below		
	NIC New Construction IC	-35 3500K				
	RIC Remodel IC	-40 4000K				

1. TRIAC, ELV dimming for 120V only.

ED5S

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5SNIC-309050-15S)

HOUSING BASE		LED PERFORMANCE				DRIVER ASSEMBLY	
FAMILY APERTURE	INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER	
ED5S ECO 5" Shallow	NIC Shallow Plenum New Construction, IC, CCEA	-27 2700K	90 90 CRI	50 50° Flood Installed	-25 24W	S ¹ Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)	
		-30 3000K		10°, 30°, 80° optics available from the Additional Optics Accessories table below			
		-35 3500K					
		-40 4000K					
ED5S ECO 5" Shallow	NIC Shallow Plenum New Construction, IC, CCEA	-WD 1800K-3000K	98 98 CRI	50 50° Flood Installed	-25 24W	S ¹ Universal Dimming Driver (1%-100% 0-10V, TRIAC, ELV, 120V/277V)	

1. TRIAC, ELV dimming for 120V only.

ECO 5" LED DOWNLIGHT

ORDER MATRIX

TRIMMED (FLANGED)

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

FAMILY APERTURE	TRIM SHAPE	TRIM POSITION	TRIM STYLE	TRIM FINISH	
ED5- ECO 5" Flanged	R Round	F Fixed	ST Standard	WT White	BW ² Black w/White Flange
	S Square	A Adjustable	WL ¹ Wet Location	BK Black	SW ² Silver w/White Flange
			WW ¹ Wall Wash	CN Champagne	CW ² Champagne w/White Flange

1. WL (Wet Location) and WW (Wall Wash) style only available in F (Fixed) and in flanged trim.

2. Color option available in ST (Standard) style only.

* WW (Wall Wash) style trim ships with recommended 80° optic.

TRIMLESS MUD KIT (REFLECTOR + MUD PLATE)

ECO 5" DOWNLIGHT TRIMLESS ORDER MATRIX (Example: ED5-KRFSTWT)

FAMILY APERTURE	KIT	TRIM SHAPE	REFLECTOR POSITION	TRIM STYLE	TRIM FINISH
ED5- ECO 5" Trimless	K (Reflector and Mudplate Kit)	R Round	F Fixed	ST AIC (Adjustable IC), ANC (Adjustable Non-IC), SNIC (Shallow) housing types only	WT White
		S ¹ Square	A Adjustable	RM NC (Fixed), RM (Remodel) housing types only	BK Black
					CN Champagne

1. S (Square) and A (Adjustable) not available for RM Reflector Style.

TRIMLESS REFLECTOR

ECO 5" DOWNLIGHT TRIMLESS ORDER MATRIX (Example: ED5-RFTLWT or ED5-RRMTLWT)

FAMILY APERTURE	UNKITTED	TRIM SHAPE	REFLECTOR POSITION	TRIM STYLE	TRIM FINISH
ED5- ECO 5" Trimless	(Blank)	R Round	F Fixed	TL AIC (Adjustable IC), ANC (Adjustable Non-IC), SNIC (Shallow)	WT White
		S ¹ Square	A Adjustable	RMTL NC (Fixed), RM (Remodel)	BK Black
			Blank (NC/RM)		CN Champagne

1. S (Square) and A (Adjustable) not available for RM Reflector Style.

* Trimless Reflector Only. Order corresponding Trimless Mud Plate

TRIMLESS MUD PLATE

ECO 5" DOWNLIGHT MUD PLATE ORDER MATRIX (Example: ED5-R-TL or ED5-RRMTL)

FAMILY APERTURE	UNKITTED	TRIM SHAPE	TRIM STYLE
ED5- ECO 5" Trimless	(Blank)	R Round	TL AIC (Adjustable IC), ANC (Adjustable Non-IC), SNIC (Shallow)
		S ¹ Square	RMTL NC (Fixed), RM (Remodel)

1. S (Square) not available for RMTL Mud Plate.

* Trimless Mud Plate Only. Order corresponding Trimless Reflector

Project:

Type:

Note:

ECO 5" LED DOWNLIGHT

ORDER MATRIX

ACCESSORIES

ECO 5" ACCESSORIES FOR ECO, ED5, ED5L, ED5S

ADDITIONAL OPTICS		OPTICAL MEDIA		EMERGENCY OPTIONS	
ED5-10-OPTIC¹	10° Spot	ED5-CL	Clear Lens	EM-1000	25W Remote Inverter
ED5-30-OPTIC¹	30° Narrow Flood	ED5-MP¹	Solite Lens	EM-1002	10W Remote EM Driver
ED5-50-OPTIC¹	50° Flood	ED5-FR²	Frosted Lens	EM-1003-CA	35W Remote Inverter, Title 20
ED5-80-OPTIC²	80° Wide Flood	ED5-LS	Linear Spread Lens	EM-1004	50W Remote Inverter
		ED5-HEX³	Hex Louver	EM-1006	25W Remote Inverter, Title 20
		ED5-MHLDR⁴	Media Holder		

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

2. WD with 80° Optic requires FR (Frosted Lens).

3. MHLDR required when using a Hex Louver

4. MHLDR Required when ordering 2 optical media

5. MHLDR only compatible with AIC, LAIC, ANC, LANC & SNIC

TRIM ACCESSORIES

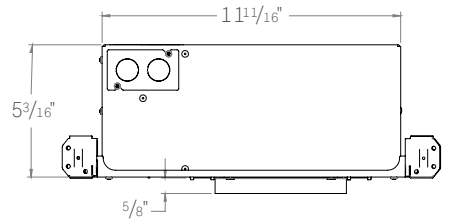
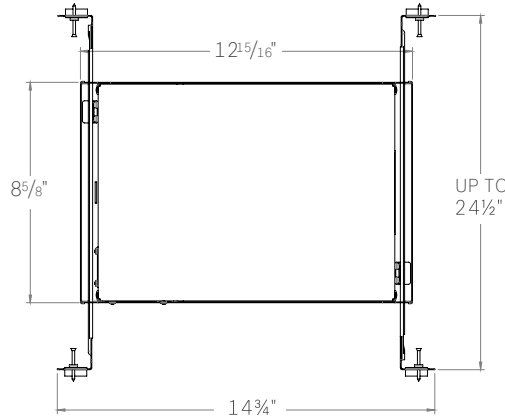
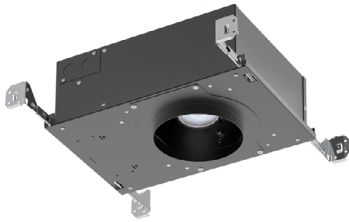
ECO 5" TRIM ACCESSORIES ORDER MATRIX (Example: ED5-R-TL)

FAMILY APERTURE		STYLE	
ED5-	ECO 5"	R-FMA	Round Flush Mount Adapter
		S-FMA	Square Flush Mount Adapter
		TC1	Thick Ceiling Adapter for ceilings 11/16" to 1-1/4"
		TC2	Thick Ceiling Adapter for ceilings 1-5/16" to 2"

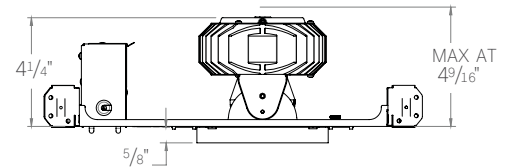
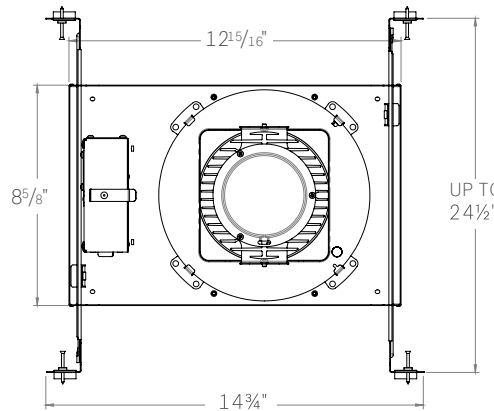
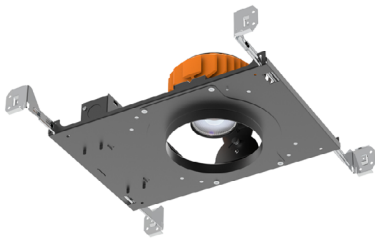
ECO 5" LED DOWNLIGHT

HOUSING AND LIGHT ENGINE LINE DRAWINGS

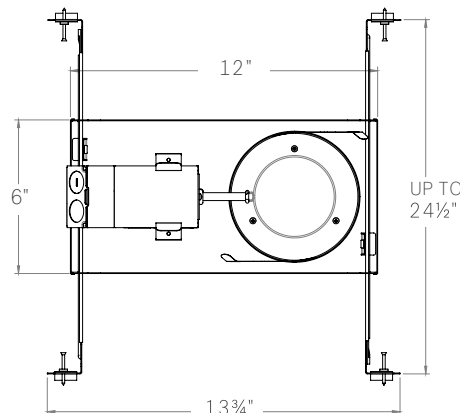
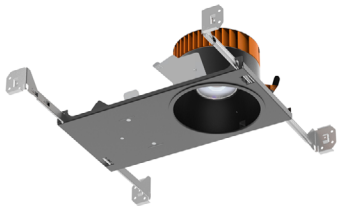
ED5AIC, ED5LAIC



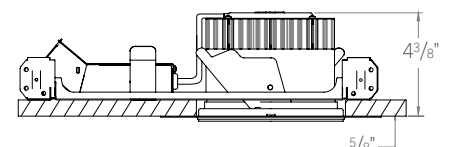
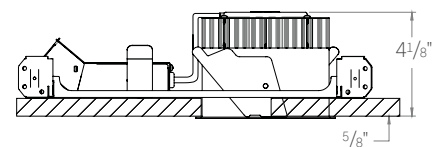
ED5ANC, ED5LANC



ED5NC, ED5LNIC



Minimum plenum height 3 1/2"

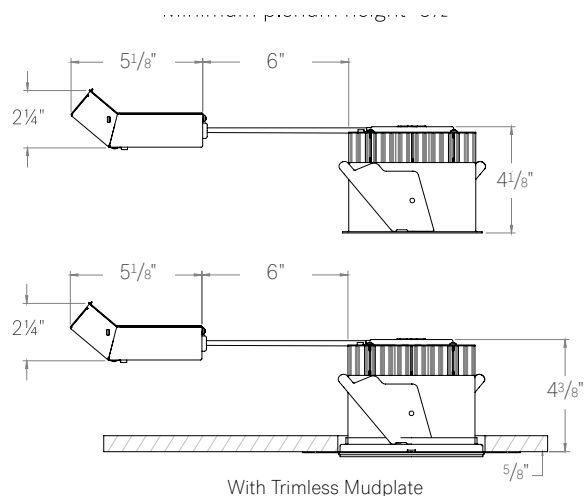
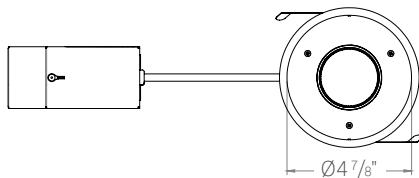
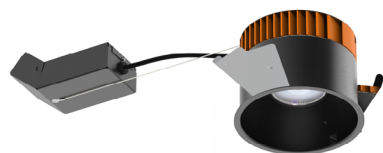


With Trimless Mudplate

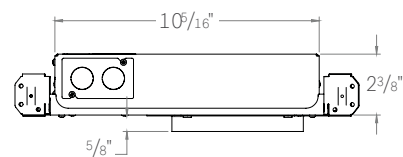
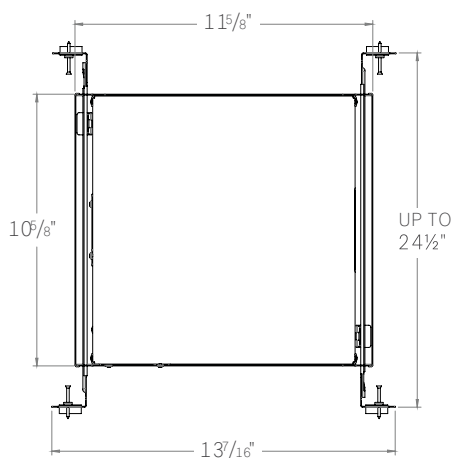
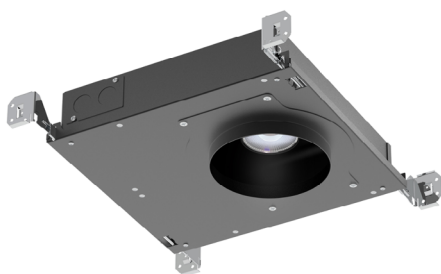
ECO 5" LED DOWNLIGHT

HOUSING AND LIGHT ENGINE LINE DRAWINGS

ED5RM, ED5LRIC

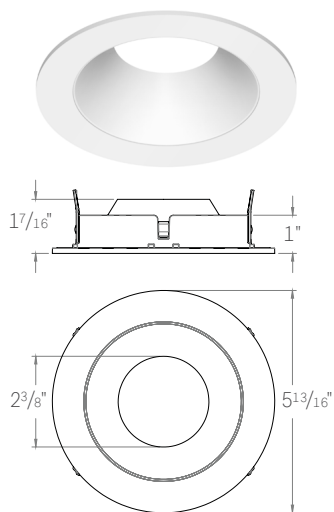


ED5SNIC

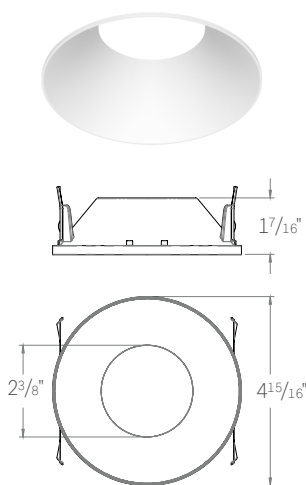


ECO 5" LED DOWNLIGHT

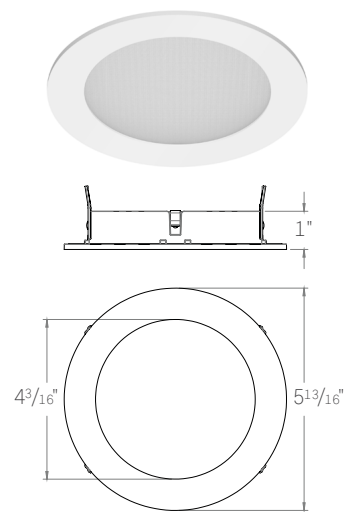
TRIM STYLES



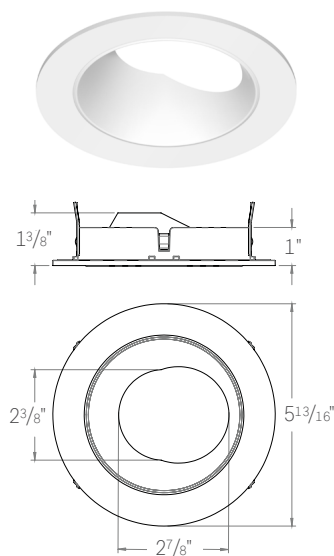
ED5-RFST
ROUND FIXED STANDARD TRIM



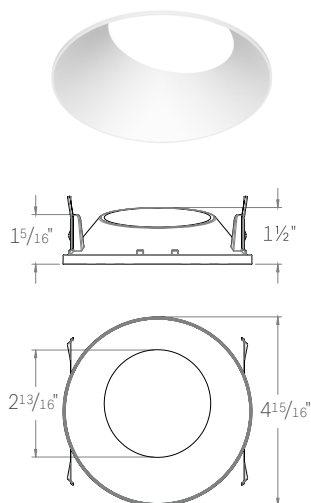
ED5-RFTL
ROUND FIXED TRIMLESS



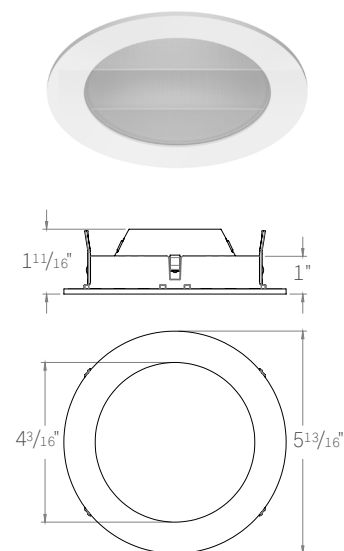
ED5-RFWL
ROUND WET LOCATION



ED5-RAST
ROUND ADJUSTABLE STANDARD TRIM
Adjustable trim styles for use with
adjustable AIC and ANC models only.



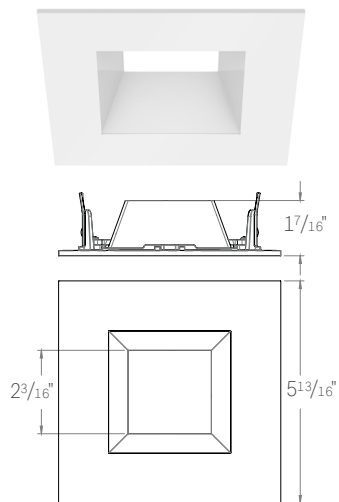
ED5-RATL
ROUND ADJUSTABLE TRIMLESS
Adjustable trim styles for use with adjustable AIC
and ANC models only.



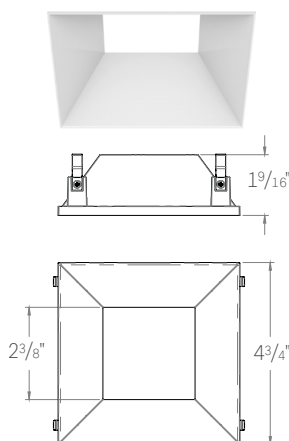
ED5-RFWW
ROUND WALL WASH

ECO 5" LED DOWNLIGHT

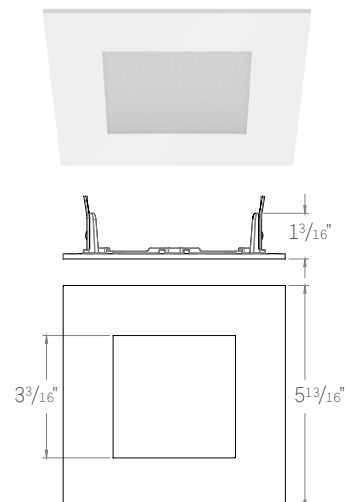
TRIM STYLES



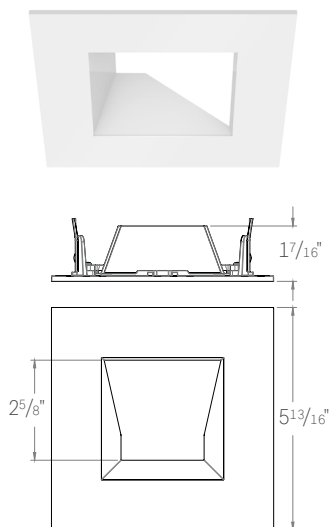
ED5-SFST
SQUARE FIXED STANDARD TRIM



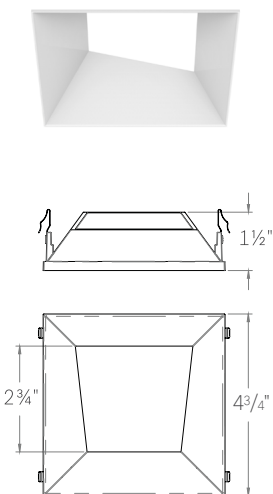
ED5-SFTL
SQUARE FIXED TRIMLESS
Trimless Style for use with SNIC models only.



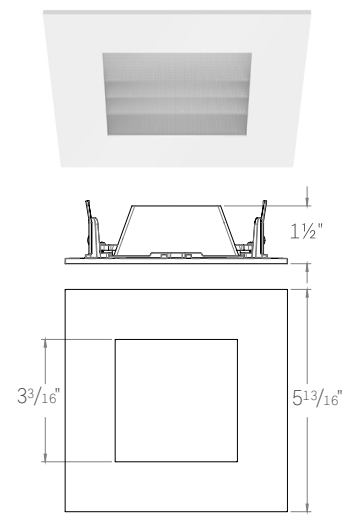
ED5-SFWL
SQUARE WET LOCATION



ED5-SAST
SQUARE ADJUSTABLE STANDARD TRIM
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.



ED5-SFWW
SQUARE WALL WASH

ECO 5" LED DOWNLIGHT

TRIM FINISHES



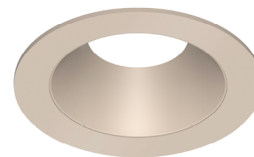
ED5-RFSTWT

WT White Reflector with White Trim



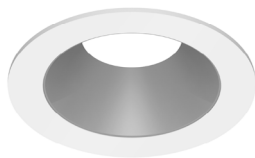
ED5-RFSTBK

BK Black Reflector with Black Trim



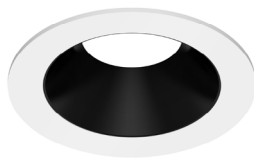
ED5-RFSTCN

CN Champagne Reflector with Champagne Trim



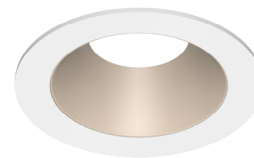
ED5-RFSTSW

SW Silver Reflector with White Trim



ED5-RFSTBW

BK Black Reflector with White Trim



ED5-RFSTCW

CN 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

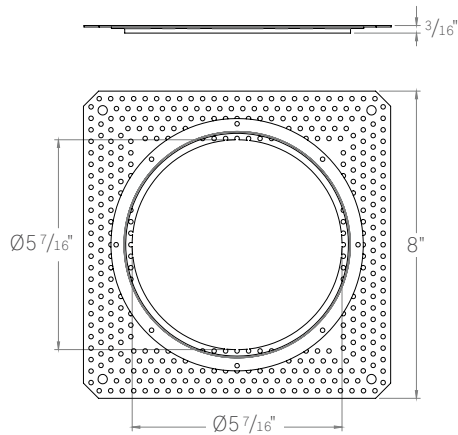


ED5-SFSTCW

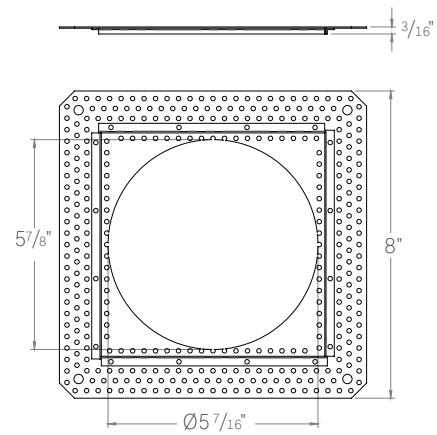
CW Champagne Reflector with White Trim

ECO 5" LED DOWNLIGHT

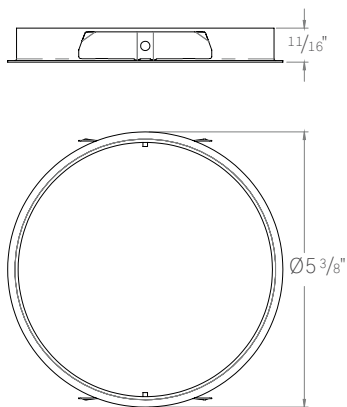
ACCESSORIES



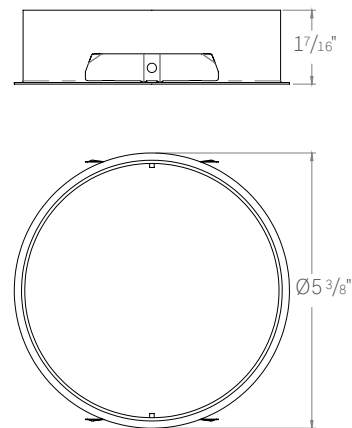
ED5-R-FMA
ROUND FLUSH MOUNT ADAPTER



ED5-S-FMA
SQUARE FLUSH MOUNT ADAPTER



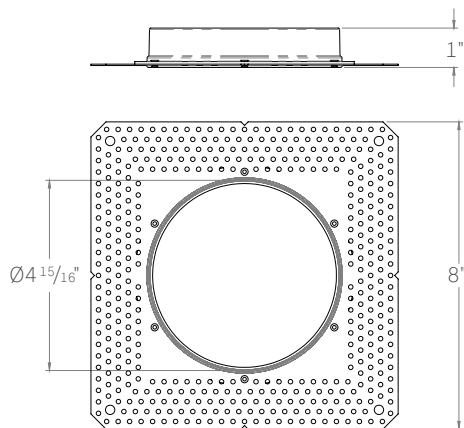
ED5-TC1
THICK CEILING ADAPTER
For ceilings 1-1/16" to 1-1/4"



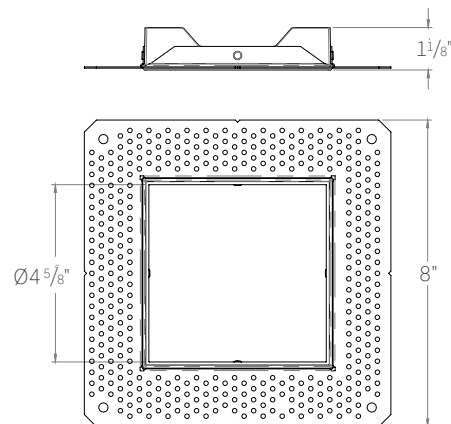
ED5-TC2
THICK CEILING ADAPTER
For ceilings 1-5/16" to 2"

ECO 5" LED DOWNLIGHT

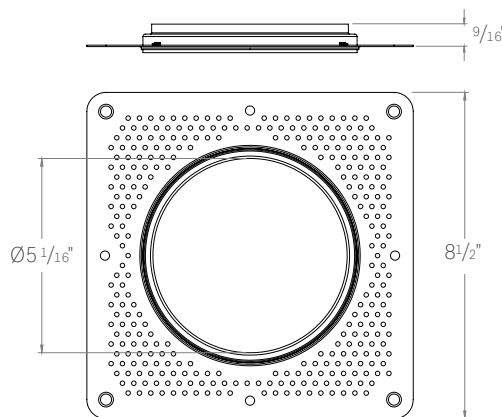
TRIMLESS ACCESSORIES



ED5-R-TL
ROUND TRIMLESS MUDPLATE
For use with AIC, ANC, SNIC housings only



ED5-S-TL
SQUARE TRIMLESS MUDPLATE
For use with AIC, ANC, SNIC housings only



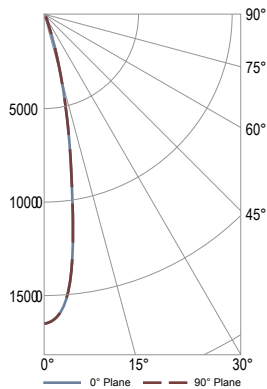
ED5-R-RMTL
ROUND TRIMLESS MUDPLATE
For use with NC, NIC, RM, RIC housings only

ECO 5" LED DOWNLIGHT

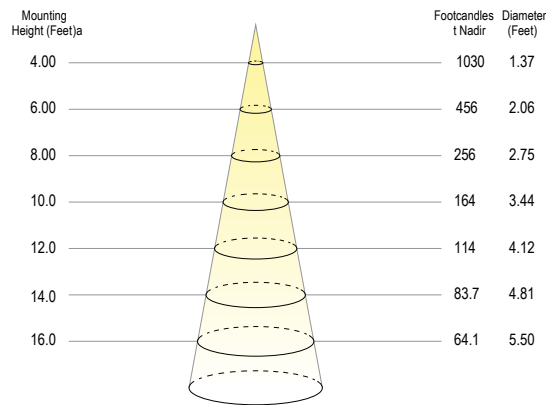
PHOTOMETRICS

Eco Downlight 5" ANC model (2700K, 90 CRI, 10° Optic, 30W) Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



VOLTAGE	CURRENT	POWER
120.0 VAC	0.2471 A	29.42W

POWER FACTOR	FREQUENCY	CURRENT THD
0.992	60 Hz	10.6%

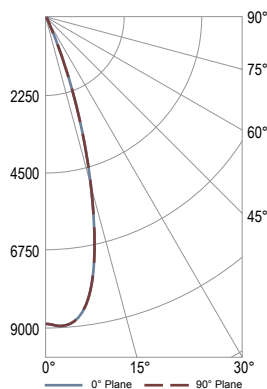
Summary of Results

Spacing Criteria	Total Lumen Output:	2275 Lumens
0-180: 0.34	Luminaire Efficacy:	77.3 lm/w
90-270: 0.34	Maximum Candela:	16409 Candela

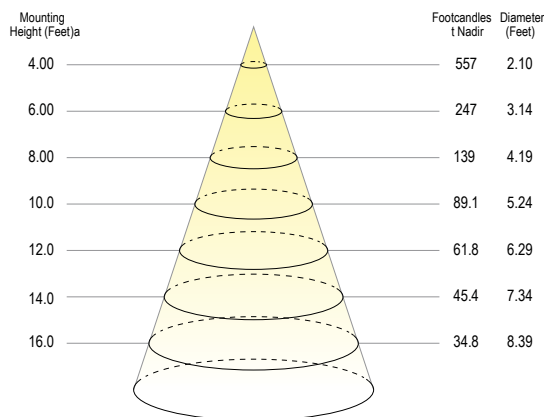
ZONE	LUMENS	% OF LUMINAIRE
0-40	2247	98.8%
0-60	2270	99.8%
0-90	2275	100.0%

Eco Downlight 5" ANC model (2700K, 90 CRI, 30° Optic, 30W) Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



VOLTAGE	CURRENT	POWER
120.0 VAC	0.2470 A	29.42W

POWER FACTOR	FREQUENCY	CURRENT THD
0.992	60 Hz	10.9%

Summary of Results

Spacing Criteria	Total Lumen Output:	2321 Lumens
0-180: 0.52	Luminaire Efficacy:	78.9 lm/w
90-270: 0.52	Maximum Candela:	8973 Candela

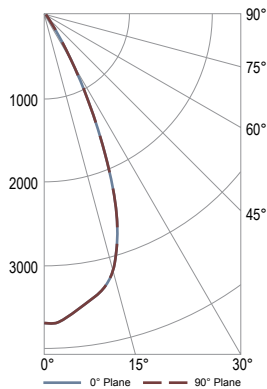
ZONE	LUMENS	% OF LUMINAIRE
0-40	2292	98.7%
0-60	2316	99.8%
0-90	2321	100.0%

ECO 5" LED DOWNLIGHT

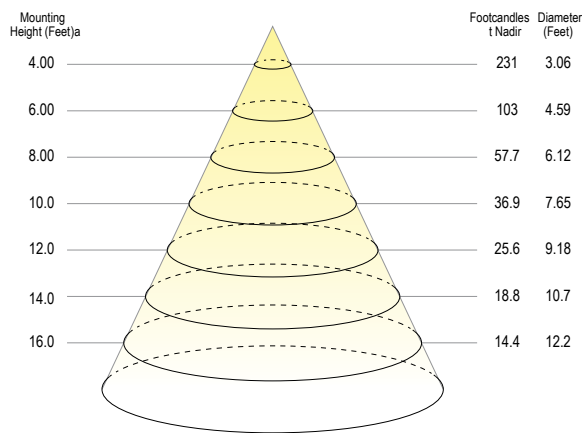
PHOTOMETRICS

Eco Downlight 5" ANC model (2700K, 90 CRI, 50° Optic, 30W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



VOLTAGE	CURRENT	POWER
120.0 VAC	0.2469 A	29.4W

POWER FACTOR	FREQUENCY	CURRENT THD
0.992	60 Hz	10.8%

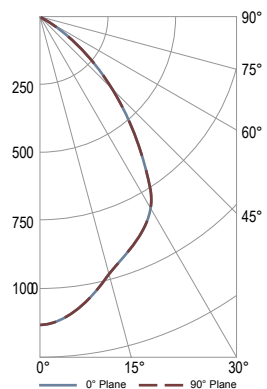
Summary of Results

Spacing Criteria	Total Lumen Output:	2139 Lumens
0-180: 0.77	Luminaire Efficacy:	72.7 lm/w
90-270: 0.77	Maximum Candela:	3697 Candela

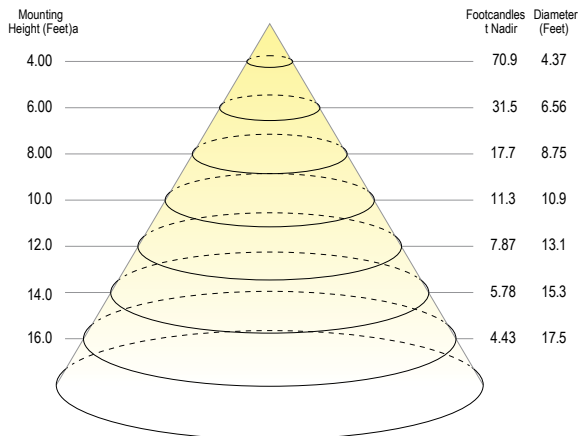
ZONE	LUMENS	% OF LUMINAIRE
0-40	2077	97.1%
0-60	2133	99.7%
0-90	2139	100.0%

Eco Downlight 5" ANC model (2700K, 90 CRI, 80° Optic, 30W)
Round, Standard, White Trim

Polar Plot



Cone of Light Tabulation



VOLTAGE	CURRENT	POWER
120.0 VAC	0.2492 A	29.64W

POWER FACTOR	FREQUENCY	CURRENT THD
0.991	60 Hz	11.7%

Summary of Results

Spacing Criteria	Total Lumen Output:	1624 Lumens
0-180: 1.09	Luminaire Efficacy:	54.8 lm/w
90-270: 1.09	Maximum Candela:	1134 Candela

ZONE	LUMENS	% OF LUMINAIRE
0-40	1215	74.8%
0-60	1602	98.7%
0-90	1624	100.0%

Project: _____

Type: _____

Note: _____

ECO 5" LED DOWNLIGHT

FOR DRIVER TYPE "S"

Universal Dimming Driver, ED5 and 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-153-P		

Compatible dimmer information provided by the dimming driver manufacturer

COMPATIBLE 0-10VDC DIMMERS

MFG	MODEL
Lutron	NFTV
Lutron	DVTV
Lutron	DVSTV
Leviton	IP710-LFZ
Lightolier	SR1200ZTUNV
Cooper	SF10P-W
Leviton	IP710-DL

Compatible dimmer information provided by the dimming driver manufacturer

ECO 5" LED DOWNLIGHT

FOR DRIVER TYPE "S2"

Phase Control Dimming Driver, ED5L only

COMPATIBLE PHASE CONTROL DIMMERS

MFG	MODEL	MFG	MODEL
Lutron	S-603PG	Leviton	6631-LW
Lutron	DVCL-153P	Leviton	VPE06
Lutron	TGCL-153P	Leviton	6683-IW
Lutron	S600P	Leviton	6161
Lutron	DVELV303P	Leviton	6633-P
Lutron	SELV300P	Leviton	IPE04
Lutron	TG-600P	Cooper	DLCO3P
Lutron	LG600P	Cooper	SLCO3P
Lutron	CT103P	Cooper	DALO6P
Lutron	MAELV600	Lightolier	ZP260QEW
Lutron	FAELV500		

Compatible dimmer information provided by the dimming driver manufacturer