

SYSTEM DESCRIPTION

The Environmental Lights 3-in Remote Voltage Illumination (REVI) downlight system is a low-voltage, Class-2 constant current solution designed to give integrators ultimate control and flexibility over their lighting installations. The 3-inch REVI downlight system allows lighting designers and integrators to select their brightness level, optic, media insert, baffle, trim and mounting frame for a comprehensive downlighting solution.

Ideal Application: Residential and Architectural downlighting up to 700 lumens including new construction and retrofit installations.

Parts A-F make up the Remote Voltage Illumination (REVI) Downlight System.

A LIGHT ENGINES



REVI LE1 Light Engine 9 Volts [4.5 W, 500 mA]
(2700K, 3000K)
REVI-LE1-9V-27K, REVI-LE1-9V-30K

REVI LE1 Light Engine 18 Volts [9 W, 500 mA]
(2700K, 3000K)
REVI-LE1-18V-27K, REVI-LE1-18V-30K

REVI LE1 Light Engine 36 Volts [18 W, 500 mA]
(2700K, 3000K)
REVI-LE1-36V-27K, REVI-LE1-36V-30K

B OPTICS



REVI LE1 13° Narrow Lens*
REVI-LE1-L-13D
**Can be paired with REVI LE1 60° Flood Insert to create a 60° beam angle.*

REVI LE1 18° Medium Lens
REVI-LE1-L-18D

REVI LE1 31° Wide Lens
REVI-LE1-L-31D

C MEDIA INSERTS [optional]



REVI LE1 60° Flood Insert
REVI-LE1-IN-FL
**In order to function as intended, this insert pairs with REVI LE1 13° Narrow Lens to create a 60° beam angle.*



REVI LE1 Clear Glass Insert
REVI-LE1-IN-CG



REVI LE1 Acrylic Diffuser Insert
REVI-LE1-IN-AD



REVI LE1 Prismatic Glass Insert
REVI-LE1-IN-PG



REVI LE1 Honeycomb Insert
REVI-LE1-IN-HC



REVI LE1 Striped Glass Insert
REVI-LE1-IN-SG

D BAFFLES



REVI 3-inch LE1 Baffle, Round Fixed
REVI-LE1-B3-RF-W



REVI 3-inch LE1 Baffle, Round Adjustable
REVI-LE1-B3-RA-W



REVI 3-inch LE1 Baffle, Round Wall Wash
REVI-LE1-B3-RW-W

TECHNICAL SPECIFICATIONS

Light Engine	REVI-LE1-9V	REVI-LE1-18V	REVI-LE1-36V
Brightness	400 lm	850 lm	1500 lm
Drive Current	500 mA	500 mA	500 mA
Forward Voltage	9 Vdc	18 Vdc	36 Vdc
Power Draw	4.5 Watts	9 Watts	18 Watts
CRI	90+	90+	90+
Linkable Features per Class-2 Channel	4	2	1

D BAFFLES [continued]



REVI 3-inch LE1 Baffle, Square Fixed
REVI-LE1-B3-SF-W



REVI 3-inch LE1 Baffle, Square Adjustable
REVI-LE1-B3-SA-W



REVI 3-inch LE1 Baffle, Square Wall Wash
REVI-LE1-B3-SW-W

E TRIMS



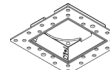
REVI 3-inch LE1 Trim, Round
REVI-LE1-T3-R-W



REVI 3-inch LE1 Trimless Plate, Round
REVI-LE1-TL3-R



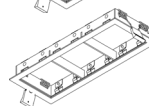
REVI 3-inch LE1 Trim, Square
REVI-LE1-T3-S-W



REVI 3-inch LE1 Trimless Plate, Square
REVI-LE1-TL3-S

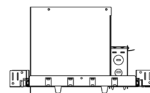


REVI 3-inch LE1 Trim, Double Square
REVI-LE1-T3-2S-W



REVI 3-inch LE1 Trim, Triple Square
REVI-LE1-T3-3S-W

F MOUNTING FRAMES



IC Rated Box, Round
REVI-IC3-R

IC Rated Box, Square
REVI-IC3-S1

IC Rated Box, Square Double
REVI-IC3-S2

IC Rated Box, Square Triple
REVI-IC3-S3



Flat Mounting Frame, Round
REVI-FF3-R

Flat Mounting Frame, Square
REVI-FF3-S1

Flat Mounting Frame, Square Double
REVI-FF3-S2

Flat Mounting Frame, Square Triple
REVI-FF3-S3

FIXTURE OPTIONS

Light Engines - Low [400 lm], Medium [850 lm], High [1500 lm] / Available CCT: 2700K & 3000K

Optics - Narrow [13°], Medium [18°], Wide [31°]

Media Inserts - 60° Flood, Acrylic Diffuser, Clear Glass, Striped Glass, Prismatic Glass, Honeycomb

Baffles - Round Fixed, Round Adjustable, Round Wall Wash, Square Fixed, Square Adjustable, Square Wall Wash

Trims - Single Round, Single Square, Single Trimless Round, Single Trimless Square, Double Square, Triple Square

Mounting - IC Rated Box Round, Flat Frame Round, IC Rated Box Square, Flat Frame Square

REGULATORY

- UL Listed
- Class-2
- Can be used to comply with CA Title-24 JA8
- RoHS
- IP44 Rated
- IC Rated (9V & 18V Fixed and 9V & 18V Wall Wash)*

*Always adhere to local installation standards and guidelines

ASSEMBLY BUILDER

Example: REVI-LE1-9V-27K-13D-AD-RF-T3-R = 9 Volt/4.5 Watt Light Engine, 2700K CCT, 13 Degree Lens, Acrylic Diffuser Media Insert, Round Fixed Baffle, Round Trim (all white).
Note: To create a 60 degree beam of light, you must list the 13 Degree Lens + the 60 degree Flood Insert when using the assembly builder.

REVI-LE1						
Fixture Series	Light Engine	Color Temperature	Lens	Media Insert	Baffle	Trim
	9V = 9V (500 mA, 4.5W)	27K = 2700 K	13D = 13 Degrees	FL = 60 Degree Flood Insert	RF = Round Fixed	T3-R = Round Trim
	18V = 18V (500 mA, 9W)	30K = 3000 K	18D = 18 Degrees	AD = Acrylic Diffuser	RA = Round Adjustable	TL3-R = Round Trimless
	36V = 36V (500 mA, 18W)		31D = 31 Degrees	SG = Striped Glass	RW = Round Wall Wash	T3-S = Square Trim
			WW = Wall Wash Baffle Only	PG = Prismatic Glass	SF = Square Fixed	TL3-S = Square Trimless
				CG = Clear Glass	SA = Square Adjustable	T3-2S = Double Square Trim
				HC = Honeycomb	SW = Square Wall Wash	T3-3S = Triple Square Trim
				OP = Open [No Insert]		

SYSTEM CHARACTERISTICS

A LIGHT ENGINES



REVI LE1 Light Engine 9 V

4.5 Watts [2700K & 3000K]

REVI-LE1-9V-27K, REVI-LE1-9V-30K

A 9 Volt, 4.5 Watt compact light engine is designed and optimized for lower output downlighting applications. Ideal for recessed ceiling lighting where an output of up to 400 lumens is required.



REVI LE1 Light Engine 18 V

9 Watts [2700K & 3000K]

REVI1-LE1-18V-27K, REVI1-LE1-18V-30K

A 18 Volt, 9 Watt compact light engine is designed and optimized for medium output downlighting applications. Ideal for recessed ceiling lighting where an output of up to 850 lumens is required.



REVI LE1 Light Engine 36 V

18 Watts [2700K & 3000K]

REVI1-LE1-36V-27K, REVI1-LE1-36V-30K

A 36 Volt, 18 Watt compact light engine is designed and optimized for high output downlighting applications. Ideal for recessed ceiling lighting where an output of up to 1,500 lumens is required.

B OPTICS



REVI LE1 13° Narrow Lens

REVI-LE1-L-13D

A narrow flood lens that delivers a precision-targeted beam of light. It can be paired with REVI LE1 60° to create a 60° beam angle.



REVI LE1 18° Medium Lens

REVI-LE1-L-18D

A spot lens that delivers a medium-sized beam of light that brings attention to areas that need to be highlighted.



REVI LE1 31° Wide Lens

REVI-LE1-L-31D

A flood lens that delivers a wide beam of light to provide full illumination for a space.

C MEDIA INSERTS [optional]



REVI LE1 60° Flood Insert

REVI-LE1-IN-FL

In order to function as intended, this insert pairs with REVI LE1 13° Narrow Lens to create a 60° beam angle.



REVI LE1 Clear Glass Insert

REVI-LE1-IN-CG

Intended to provide a sheer surface without obstructing the light dispersion from the lens.



REVI LE1 Prismatic Glass Insert

REVI-LE1-IN-PG

Designed with a hatch pattern to spread the light at the lens for maximum dispersion.



REVI LE1 Striped Glass Insert

REVI-LE1-IN-SG

Designed to elongate the light pattern at the lens surface when a wider spread or wash is needed.



REVI LE1 Acrylic Diffuser Insert

REVI-LE1-IN-AD

Engineered to soften the light output at the lens for even distribution of light.



REVI LE1 Honeycomb Insert

REVI-LE1-IN-HC

Engineered to minimize off-angle glare with the intent of eliminating any orb effect around the fixture.

D BAFFLES / **ROUND & SQUARE**



REVI 3-inch LE1 Baffle, Round Fixed
REVI-LE1-B3-RF-W

A fixed-position round trim option for your lighting fixture.

Color - White



REVI 3-inch LE1 Baffle, Round Adjustable
REVI-LE1-B3-RA-W

A round trim option that enables adjustment of the angle of light.

Color - White



REVI 3-inch LE1 Baffle, Round Wall Wash
REVI-LE1-B3-RW-W

A round fixed-position, preconfigured option that provides an even spread of light on a wall.

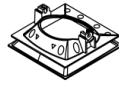
Color - White



REVI 3-inch LE1 Baffle, Square Fixed
REVI-LE1-B3-SF-W

A fixed-position square trim option for your lighting fixture.

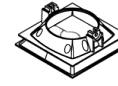
Color - White



REVI 3-inch LE1 Baffle, Square Adjustable
REVI-LE1-B3-SA-W

A square trim option that enables adjustment of the angle of light.

Color - White



REVI 3-inch LE1 Baffle, Square Wall Wash
REVI-LE1-B3-SW-W

A square fixed-position, preconfigured option that provides an even spread of light on a wall.

Color - White

E TRIMS / **ROUND & SQUARE**

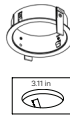


REVI 3-inch LE1 Trim, Round
REVI-LE1-T3-R-W

Round trim option that provides a sleek appearance for your downlighting fixture.

Color - White

CEILING CUT

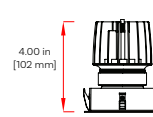


TRIM DIAMETER



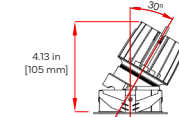
Ø3.35 in [Ø85 mm]

FIXED



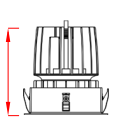
4.00 in [102 mm]

ADJUSTABLE



4.13 in [105 mm]

WALL WASH



3.47 in [88 mm]



REVI 3-inch LE1 Trimless Plate, Round
REVI-LE1-TL3-R

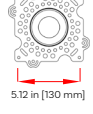
A round trimless option that provides seamless blending between the fixture and the ceiling.

Color - White

CEILING CUT

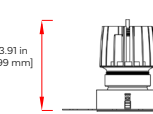


TRIM DIAMETER



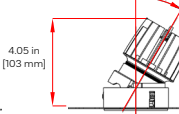
5.12 in [130 mm]

FIXED



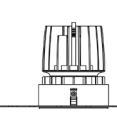
3.91 in [99 mm]

ADJUSTABLE

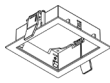


4.05 in [103 mm]

WALL WASH



3.38 in [86 mm]

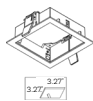


REVI 3-inch LE1 Trim, Square
REVI-LE1-T3-S-W

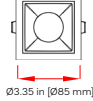
A square trim option that provides a sleek appearance for your downlighting fixture.

Color - White

CEILING CUT

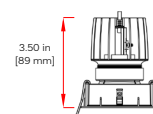


TRIM DIMENSIONS



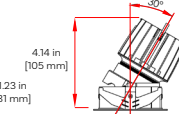
Ø3.35 in [Ø85 mm]

FIXED



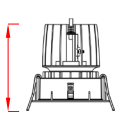
3.50 in [89 mm]

ADJUSTABLE

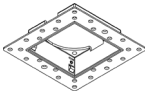


4.14 in [105 mm]

WALL WASH



3.47 in [88 mm]

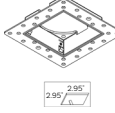


REVI 3-inch LE1 Trimless Plate, Square
REVI-LE1-TL3-S

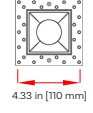
A round trimless option that provides seamless blending between the fixture and the ceiling.

Color - White

CEILING CUT

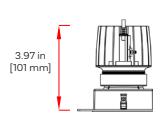


TRIM DIMENSIONS



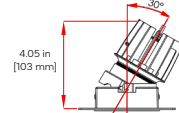
4.33 in [110 mm]

FIXED

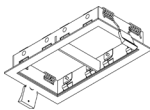


3.97 in [101 mm]

ADJUSTABLE



4.05 in [103 mm]



REVI 3-inch LE1 Trim, Double Square
REVI-LE1-T3-2S-W

A convenient multiple square trim option that provides a polished look for your downlighting fixture.

Color - White

CEILING CUT



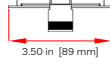
TRIM DIMENSIONS



1.10 in [28 mm]

6.46 in [164 mm]

FIXED



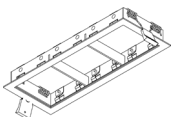
3.50 in [89 mm]

ADJUSTABLE



3.66 in [93 mm]

6.46 in [164 mm]



REVI 3-inch LE1 Trim, Triple Square
REVI-LE1-T3-3S-W

A convenient multiple square trim option that provides a polished look for your downlighting fixture.

Color - White

CEILING CUT



TRIM DIMENSIONS



1.10 in [28 mm]

9.25 in [235 mm]

FIXED



3.50 in [89 mm]

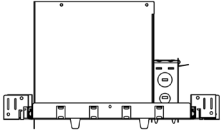
ADJUSTABLE



3.66 in [93 mm]

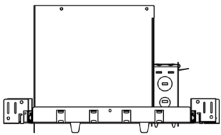
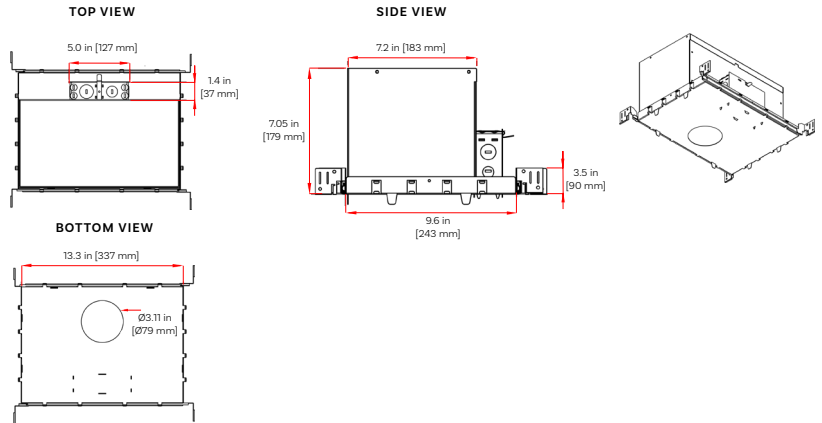
9.25 in [235 mm]

F MOUNTING FRAMES / ROUND & SQUARE



REVI 3-inch IC Rated Box, Round
REVI-IC3-R

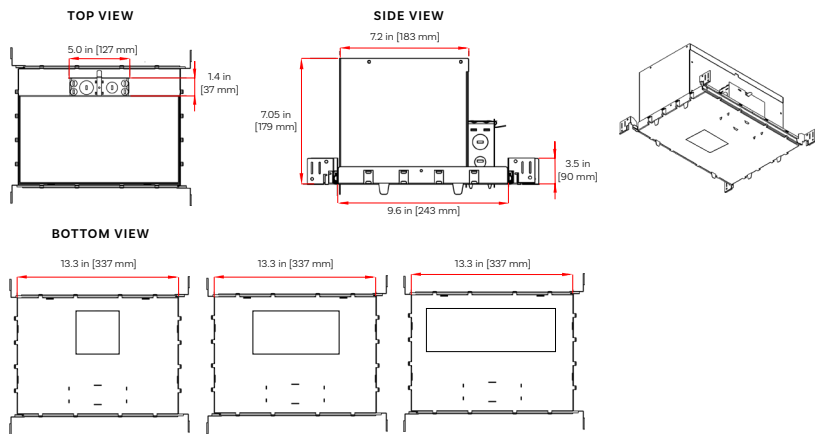
Recess-mounted frame for safe and easy installation of your lighting fixture. Engineered to be compatible with round baffle and trim options.



REVI 3-inch IC Rated Box, Square
REVI-IC3-S1
REVI 3-inch IC Rated Box, Square Double
REVI-IC3-S2

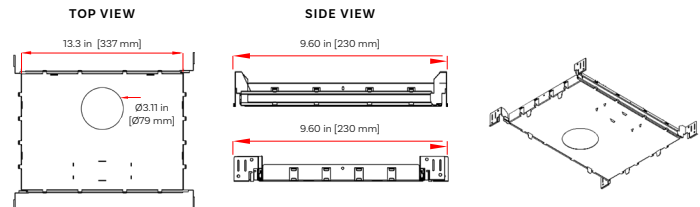
REVI 3-inch IC Rated Box, Square Triple
REVI-IC3-S3

Recess-mounted frame for safe and easy installation of your lighting fixture. Engineered to be compatible with square baffle and trim options.



REVI 3-inch Flat Mounting Frame, Round
REVI-FF3-R

A thin mounting frame that allows your fixture to be built directly into the ceiling. Engineered to be compatible with round baffle and trim options.



REVI 3-inch Flat Mounting Frame, Square
REVI-FF3-S1

REVI 3-inch IC Rated Box, Square Double
REVI-FF3-S2

REVI 3-inch IC Rated Box, Square Triple
REVI-FF3-S3

A thin mounting frame that allows your fixture to be built directly into the ceiling. Engineered to be compatible with square baffle and trim options.

