

REVI 3-inch Downlights

Tunable White

SYSTEM DESCRIPTION

The Environmental Lights 3-inch Remote Voltage Illumination (REVI) downlight system is a low-voltage, Class 2 constant current solution designed to give integrators ultimate control and flexibility over lighting. The 3-inch REVI downlight system allows lighting designers and integrators to select their brightness level (Light Engine), Optic, Media Insert, Baffle, Trim and Mounting Frame for a comprehensive downlighting solution. All components are sold separately, but will be shipped as one pre-assembled fixture.

Ideal Application: Residential and Architectural downlighting up to 700 lumens for human centric, circadian-based lighting system.



TECHNICAL SPECIFICATIONS

Tunable Channels	2700K	6500K	1800K	4000K
Brightness	620 lm	850 lm	540 lm	860 lm
Drive Current	500 mA	500 mA	500 mA	500 mA
Forward Voltage	18 DC	18 DC	18 DC	18 DC
Power Draw	9 Watts	9 Watts	9 Watts	9 Watts
CRI	90+	90+	90+	90+
Fixtures per Linkable Pair of Channels	2	2	2	2
Up to 12 fixtures per 12-Channel Power Supply				

The sum of drive currents across both channels cannot exceed 500 mA.

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

A LIGHT ENGINES



REVI LE1 Light Engine 18 Volts [9 W, 18 V, 500 mA]
(2700K - 6500K)

REVI-LE1-18V-2765

REVI LE1 Light Engine 18 Volts [9 W, 18 V, 500 mA]
(1800K - 4000K)

REVI-LE1-18V-TW1840

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 / ROUND & SQUARE



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



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 TRIM / ROUND & SQUARE



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, Square Trim for Round Baffle

REVI-LE1-T3-SR-W



REVI 3-inch LE1 Trim, Double Square

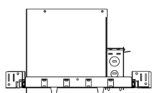
REVI-LE1-T3-2S-W



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 - Tunable White, 2700K - 6500K [620 lm - 850 lm] / 1800K - 4000K [540 lm - 860 lm]

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 Square for Round Baffle, 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 (Fixed & Wall Wash only)*

*Always adhere to local installation standards and guidelines

The sum of drive currents across both channels cannot exceed 500 mA

ASSEMBLY BUILDER

Example: REVI-LE1-18V-2765K-13D-AD-RF-T3-R = 18 Volt, 9 Watt Light Engine, 2700K-6500K 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 13 Degree Lens + the 60 degree Flood Insert (13D + FL) when using the assembly builder.

REVI-LE1	18V	2765K				
Fixture Series	Light Engine	Color Temperature	Lens	Media Insert	Baffle	Trim
			13D = 13 Degrees	FL = 60 Degree Flood Insert	RF = Round Fixed	T3-R = Round Trim
			18D = 18 Degrees	AD = Acrylic Diffuser	RA = Round Adjustable	TL3-R = Round Trimless
			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-SR-W = Square Trim for Round Baffle
				HC = Honeycomb	SW = Square Wall Wash	T3-2S = Double Square Trim
				OP = Open [No Insert]		T3-3S = Triple Square Trim

SYSTEM CHARACTERISTICS

A LIGHT ENGINES



REVI LE1 Light Engine 18 V

9 Watts [2700K - 6500K] **REVI-LE1-18V-2765K**
9 Watts [1800K - 4000K] **REVI-LE1-18V-1840K**

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.

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

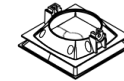


REVI 3-inch LE1 Baffle, Square Adjustable

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

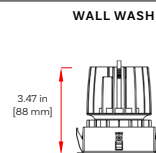
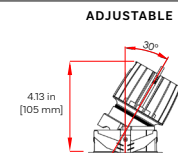
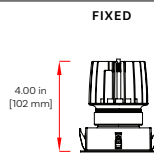
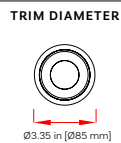
E TRIMS / ROUND & SQUARE



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

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

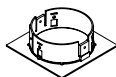
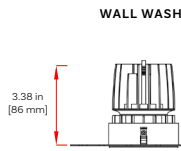
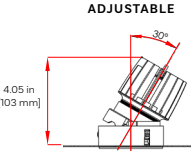
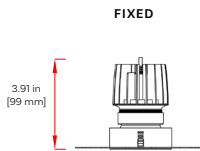
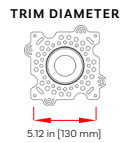
☐ Color - White



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.

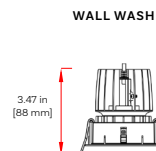
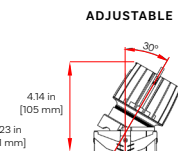
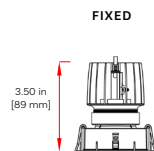
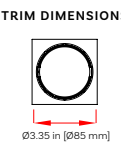
☐ Color - White



REVI 3-inch LE1 Trim, Square Trim for Round
REVI-LE1-T3-SR-W

A square trim that enables users to take advantage of the round baffles' alignment and configurability options and allows for maximum versatility.

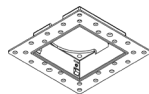
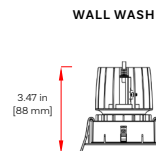
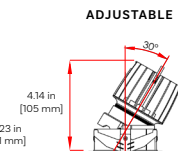
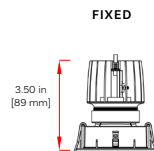
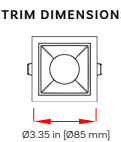
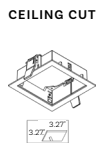
☐ Color - White



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

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

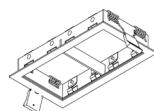
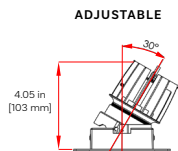
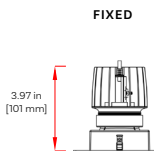
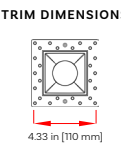
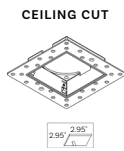
☐ Color - White



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.

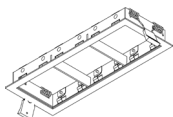
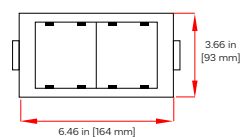
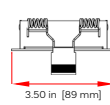
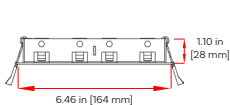
☐ Color - White



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.

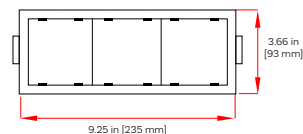
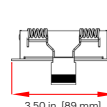
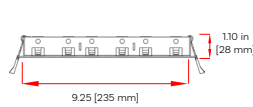
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REVI 3-inch LE1 Trim, Triple Square**
REVI-LE1-T3-3S-W

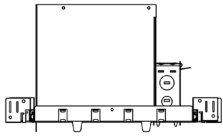
A convenient multiple square trim option that provides a polished look for your downlighting fixture.

☐ Color - White



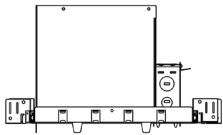
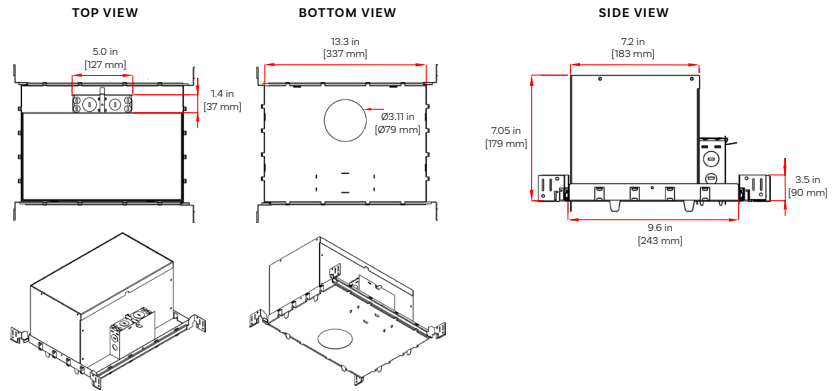
****May require additional lead time. Please contact sales for more information.**

F MOUNTING FRAMES / *ROUND & SQUARE*



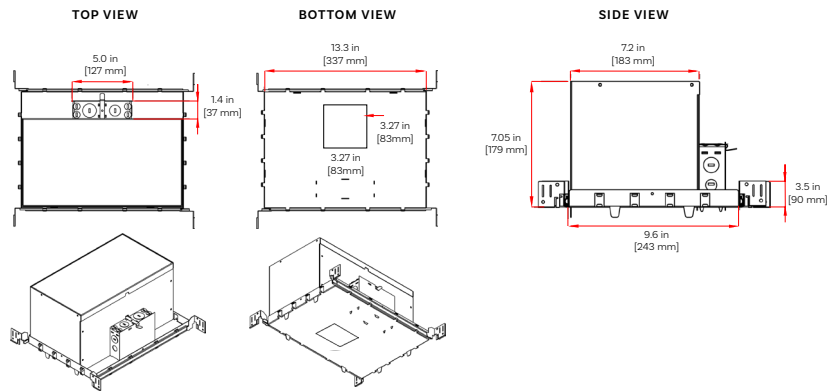
REVI 3-inch IC Rated Box, Round
REVI-IC3-R

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



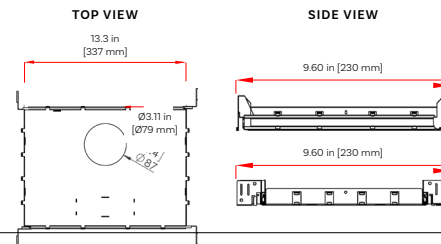
REVI 3-inch IC Rated Box, Square
REVI-IC3-S1

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



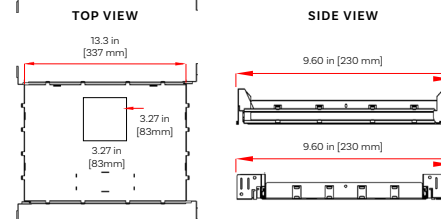
REVI 3-inch Flat Mounting Frame, Round
REVI-FF3-R

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.



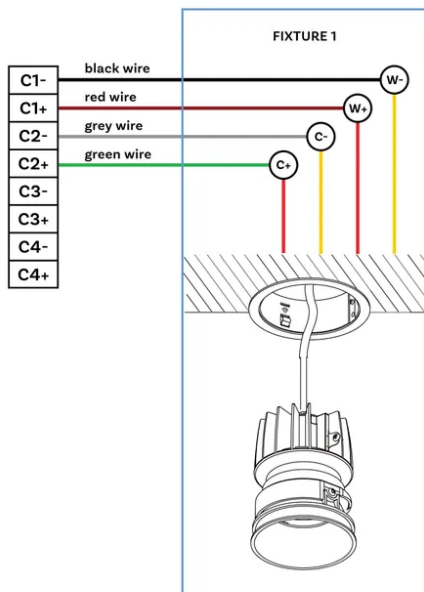
REVI 3-inch Flat Mounting Frame, Square
REVI-FF3-S1

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.



SYSTEM WIRING

Wiring a Single Downlight



Wiring Multiple Downlights in a series

