Finiré 3" & 4" LED Recessed Lighting

Luxury LED Recessed Lighting by Ivalo

Guaranteed Lutron control compatibility

- Standard Lutron 1% dimming driver with Soft-on, Fade-to-Black options
- Industry best 97 CRI, up to 2000 delivered lumens
- EcoSystem option digitally allows individual fixture control
- 10-year limited warranty

☀ LUTRON
IVALO COLLECTION

Overview

Why Choose LEDs?

LEDs make sense for today's applications. Consider the benefits:

Reduced energy costs, eligible for rebates

50k+ hours
Reduced maintenance costs, 50,000+ hour lamp life

Environmentally friendly with little to no UV emissions

2700K
3000K
3500K
Provide the same look and feel as incandescents

75W
Provide the same light output as a 75W incandescent

Why Choose the Ivalo Collection by Lutron?

Guaranteed LED compatibility with high-performance 1% dimming.

LUTRON
Guaranteed compatibility with Lutron controls

standard **1%** **dimming**
Standard Lutron driver with EcoSystem Soft-on, Fade-to-Black option

ENERGY STAR PARTNER
Energy Star and CA Title 24 compliant options

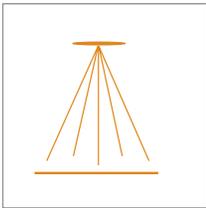SUPPORT **24hr SERVICE** SUPPORT
LED Control Center of Excellence and 24/7 technical support

Why Choose Finiré 3" and 4"?

Architectural spec grade luminaire with industry leading LED light quality.

97 CRI
Industry best rated 97 CRI color quality

15° – 60° field changeable beam spread options

1000+lm IC
Residential 1000+lumen (lm) insulation contact (IC) airtight options

1x2 Step
Industry best fixture-to-fixture color consistency

10 YEAR WARRANTY
10-year limited warranty

Benefits

Why Choose LEDs?

Energy efficient
LEDs save over 40W of energy per fixture compared to incandescent bulbs, surpassing the energy efficiency of compact fluorescents. LEDs are also eligible for rebates up to $50 per fixture, lowering your investment costs.*

Reduced maintenance costs
LEDs are generally rated for over 50,000 hours under normal conditions (longer, with dimming). Lamp replacements and associated costs are little, if any at all.

Environmentally friendly
In addition to saving energy, LEDs are RoHS compliant and do not contain hazardous materials, such as mercury (which is found in compact fluorescent lamps).

Little to no UV radiation
LEDs emit little to no UV radiation, which prevents flooring, window coverings, and painted surfaces from fading over time.

Incandescent look and feel
Low-glare blended lensing and 2700K color temperature option provides the pleasing appearance of incandescence.

Comparable to incandescent light output
LEDs have been optimized to provide light output equivalent to 75W incandescent lighting.

Why Choose the Ivalo Collection by Lutron?

Tested for guaranteed compatibility with Lutron controls
Ivalo fixtures were designed for ideal compatibility and performance with Lutron drivers and controls.

Standard Lutron 1% dimming driver
Fixtures in the Ivalo Collection provide smooth, flicker-free dimming from 100% down to 1%, utilizing Lutron's Hi-lume drivers. (The EcoSystem option has the new Soft-on, Fade-to-Black dimming feature; see page 4).

Energy Star and 2016 CA Title 24 compliant options
Finiré 3" offers models that meet Energy Star and the new California 2016 Title 24 standards.

24/7 technical support
Lutron has 24/7 technical support as well as an LED Control Center of Excellence, devoted to providing answers to all questions about LED control solutions.

Why Choose Finiré 3" and 4"?

Industry best 97 CRI
Finiré 3" and 4" comes standard with industry best LEDs providing 97 CRI (standard with the 3" family) with an R9 value of 95.

Round, square, and trimless options; architectural color finishes
Choose from round or square downlight, wall wash, and adjustable fixture options with trimmed or trimless assemblies. Available in a variety of color finishes with your choice of lens. Wet location options are available for shower and damp interior applications.

15°–60° field changeable beam spread options
Choose spot lighting, narrow directional lighting for high ceilings, medium task lighting, or wide flood lighting for flexible, field changeable lighting in any application.

Residential 1000+lm IC airtight housing options
Non-IC and airtight IC housing options are available to accommodate residential applications with Chicago Plenum rated options.

Industry best fixture-to-fixture color consistency
Finiré 3" and 4" LEDs also provide industry best color consistency guaranteeing a one by two step MacAdam Ellipse. Most of the industry has over twice this tolerance using a two- or three-step area.

10-year limited warranty
The Ivalo 10-year limited warranty covers material and workmanship defects on the fixture and dimming driver for up to 10 years. In addition, the LED color shift and LED color consistency will be covered for up to 5 years.

Why Choose EcoSystem?

EcoSystem is a two-wire, digital control system that allows you to individually address each fixture. Selecting the EcoSystem control option for your Finiré fixture lets you easily reconfigure lighting zones to accommodate changes in a space (such as rearranging furniture), without rewiring.

Finiré has residential FCC (Part 15B) compliant options and EcoSystem is available with HomeWorks QS via a GRAFIK Eye QS or DIN rail power module.

Visit lutron.com/homeworksQS for more information.

Flexible Zoning

The true strength of Lutron's EcoSystem digital addressable technology is that it allows for fixture zoning to be done independent of the electrical circuiting. You no longer need a control circuit for each zone of lights. You can program the zones digitally, meaning you're no longer pressured to finalize zoning during the design phase, and not locked into it even after the wires are run.

Guaranteed Load Compatibility

When pairing Lutron EcoSystem digital controls with EcoSystem digital drivers, the compatibility is guaranteed. Lutron owns the relationship and communication between the two devices.

Save Electrical Closet Space

The digital communication allows for large number of fixtures to be controlled by one smaller controller. This saves significant space in the electrical closet by reducing the footprint required to control up to 128 fixtures to a single device.

Soft-on, Fade-to-Black Dimming

This feature provides not only beautiful, flicker-free dimming down to 1%, but also provides a soft, incandescent-like transition between 1% and off.
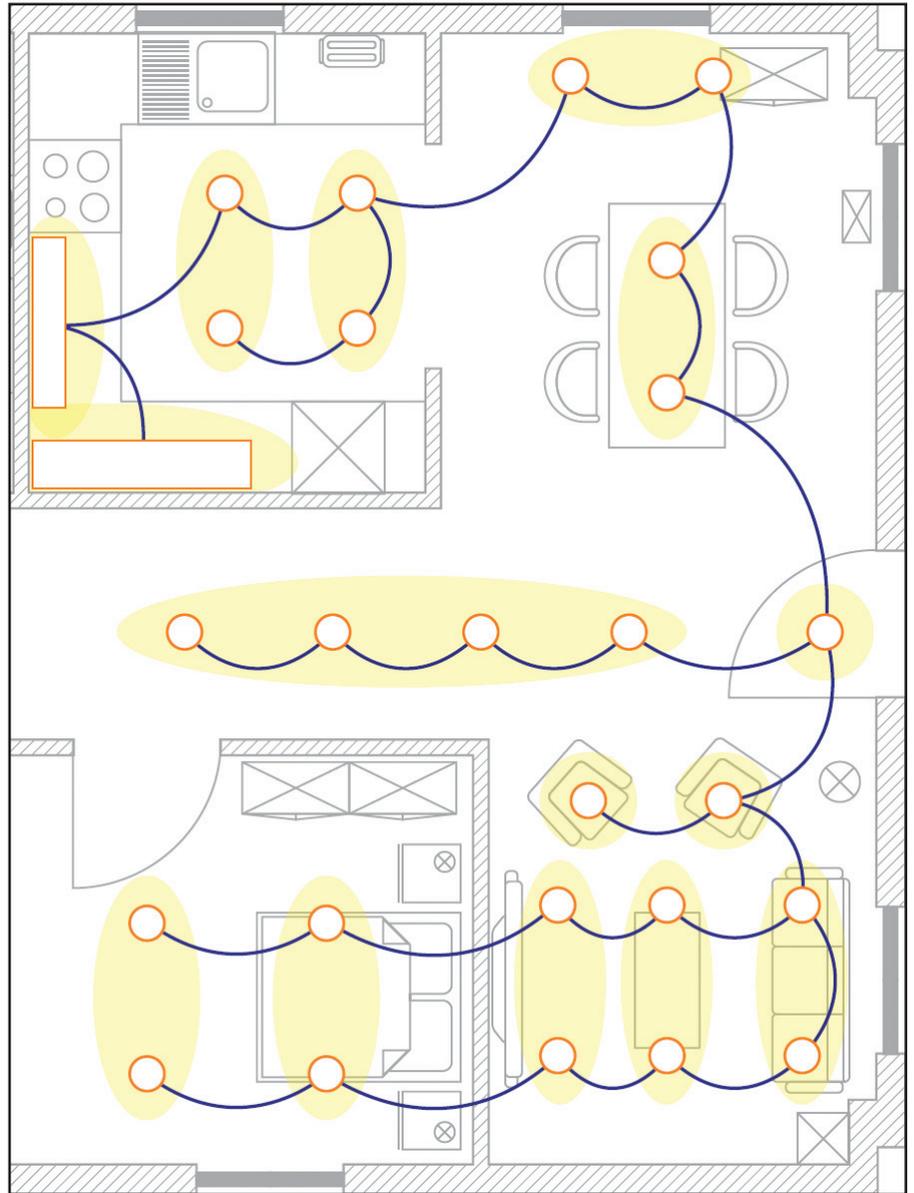
Finiré 3" & 4" and EcoSystem

Quality of Light

Finiré 3" and 4" lighting offers industry best LED color quality backed by a 10-year limited warranty (with LED performance coverage for 5 years).

Color Rendering

Colors will always appear their most vibrant with Finiré 97 CRI LEDs.

Color Consistency

Guaranteed fixture-to-fixture color consistency for beautiful light throughout the entire application.

Finiré 3" & 4" and LED quality

The Finiré 3" family

Finiré 3" LED recessed lighting comes with more features in a smaller package, while eliminating the guesswork of ensuring LED compatibility.

Finiré 3" fixtures come standard with high quality 97 CRI LEDs and the Lutron 1% dimming driver that guarantees Lutron control compatibility. A range of new features, including narrow spot optics, hot aiming, and high efficacy 1100 lm IC rated fixtures, makes this new family ideal for high-end residential applications.

Fixture Types and Options

|	
Type	Downlight, Adjustable, Infinite Adjustable
Size (opening)	3"
Housing	Non-IC, IC
Aperture Style	Round, Square
LED Type	17 W, 650 lm, 97 CRI, R9=95 (15 degree beam only) 17 W, 850 lm, 97 CRI, R9=95 17 W, 1100 lm, 97 CRI, R9=95 29 W, 1750 lm, 97 CRI, R9=95 (Non-IC only)
Color Temperature	2700 K, 3000 K, 3500 K
Beam Spread	15°, 28°, 40°, 60°
Trim	Round Trimmed, Round Trimless, Round Pinhole Square Trimmed, Square Trimless, Square Pinhole
Hanging	14–24" Adjustable Hanging Bars 9.5–15" Adjustable Narrow Joist Hanging Bars
Control Method	2-Wire, 120V~ 3-Wire, 120/277V~ EcoSystem, 120/277V~ * EcoSystem comes standard with Soft-on, Fade-to-Black dimming feature
Ceiling Thickness	Standard (1/2"–5/8") Thick Ceiling (custom up to 2") Trimless Wood/Stone (.5"-1.5")

3" Specifications

LED Performance

| Finiré Model	Narrow Spot	Standard	High Output	High Output Plus
CRI (Typical)	97, R9=95	97, R9=95	97, R9=95	97, R9=95
Lumens (Delivered)	650	850	1100	1750
Wattage	17	17	17	29
Efficacy (Lumens/Watt)	38	50	65	60

Independent measurement of typical 3000K downlight fixture models by Lutron Electronics Co., Inc. for reference only.
See the Finiré specification sheets for LM79 photometric data by fixture type and trim options.

IC Housing*
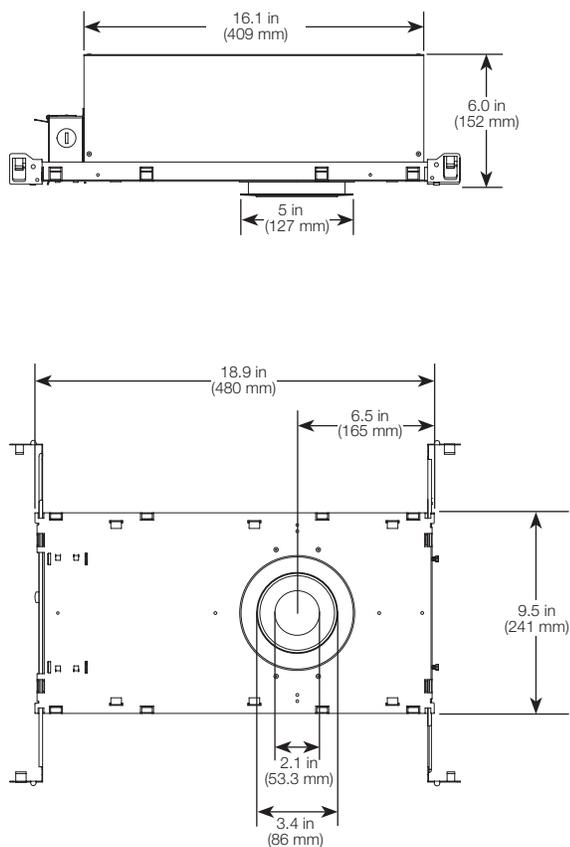
Non-IC Housing

* Plenum rated fixture uses IC housing
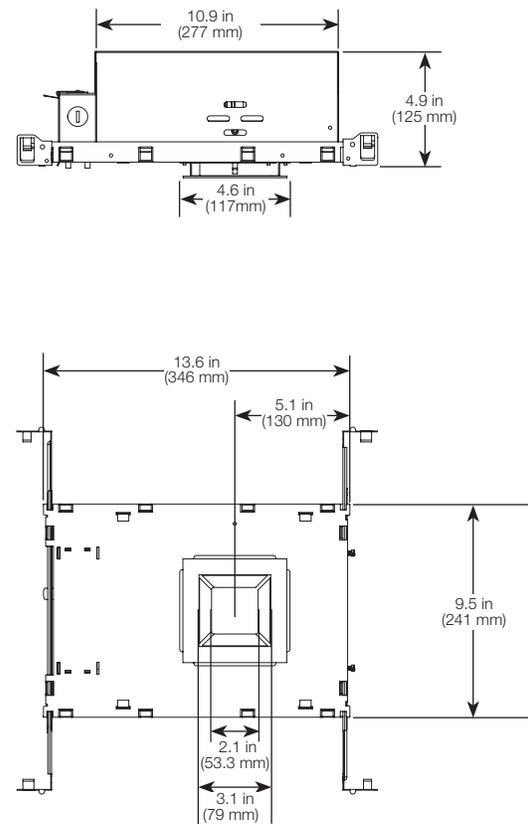
Dimensions

Non-IC Housing: 13.6"L x 9.5"W x 4.9"H
IC Housing: 18.9"L x 9.5"W x 6.0"H
Max Ceiling Thickness: 2.0"

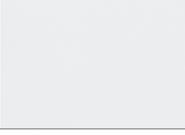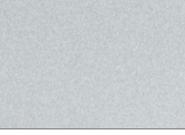For spray foam insulation application details, contact fixtures@lutron.com.

Compatible Controls

For a list of compatible controls,
visit **lutron.com/finire** or contact the
LED Control Center of Excellence at
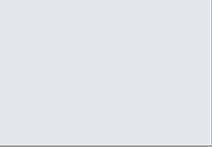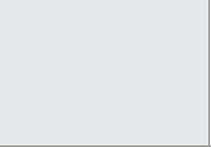**leds@lutron.com**/1.877.DIM.LED8.

3" Options

Trim Options	Square Trimmed Adjustable	Square Trimless Adjustable	Square Trimmed Downlight	Round Trimmed Downlight	Square Trimmed Downlight	Round Trimless Downlight	Round Trimmed Adjustable
Shown in:	Matte White	Matte Black	Silver	Bronze	Silver/White	Clear Anodized	Clear Chrome

Finish

Matte White	Matte Black	Silver	Bronze

Silver/White	Clear Anodized/ White	Clear Chrome/ White	Black Chrome/ White

White flange standard for trimmed options

Pinhole Trim Options	Square Pinhole Downlight	Round Pinhole Downlight	Square Trimless Pinhole Downlight	Round Trimless Pinhole Downlight	Round Pinhole (Slotted) Adjustable	Round Trimless Pinhole (Slotted) Adjustable

Lens Options

Micro Prism Solite™	Frosted Glass	Wall Wash	No Lens

Note: All lens options (except no lens) are wet (damp) location rated for covered, ceiling mount interior or exterior applications that meet the required temperature spec.

How to specify Finiré 3" LED Recessed Lighting

F D T 3 R N XX 27 40 F1 XX XX - RTD00 MW FG XX
1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16**

Fixture Options

1 Family
F = Finiré Recessed Lights

2 Type
D = Downlight
A[1] = Adjustable (accommodates sloped ceilings up to 10/12 roof pitch)
I[1] = Infinite Adjustable with Hot Aiming

3 Flange
T = Trimmed
Z = Trimless

4 Series
3 = 3" Series

5 Shape
R = Round
S = Square

6 Housing Type
N = Non-Insulation Contact (Non-IC)
I = Insulation Contact (IC)

7 LED Type
XX = Standard 17W, 850 lm, 97 CRI
NS = Narrow Spot 17W, 650 lm, 97 CRI
HO = High Output 17W, 1100 lm, 97 CRI
HP[6] = High Plus 29W, 1750 lm, 97 CRI

8 Color Temperature
27 = 2700 K
30 = 3000 K
35 = 3500 K

9 Beam Spread
15 = 15° (NS LED type only)
28 = 28°
40 = 40°
60 = 60°

10 Control Method
F1 = Hi-lume 1% 2-wire Driver, 120 V~
3U = Hi-lume 1% 3-wire Driver 120/277V~
EU[2] = Hi-lume 1% EcoSystem Driver, 120/277 V~

11 Hanging
XX = 14–24" Adjustable Standard
NJ = 9–15" Adjustable Narrow Joist

12 Ceiling Thickness
XX = Standard (1/2"–5/8")
PL = Plenum Rated
TW[3] = Trimless Wood/Stone (.5"-1.5")
TT = Trimless Thick Ceiling greater than 5/8" but less than 2"

Trim Options

13 Trim
RTD00 = Round Trimmed Downlight
RTA00 = Round Trimmed Adjustable
RTP00[4] = Round Pinhole Downlight
RTS00[4] = Round Pinhole (Slotted) Adjustable
RZD00 = Round Trimless Downlight
RZA00 = Round Trimless Adjustable
RZP00[4] = Round Trimless Pinhole Downlight
RZS00[4] = Round Trimless Pinhole (Slotted) Adjustable
STD00 = Square Trimmed Downlight
STA00 = Square Trimmed Adjustable
STP00[4] = Square Pinhole Downlight
SZD00 = Square Trimless Downlight
SZA00 = Square Trimless Adjustable
SZP00[4] = Square Trimless Pinhole Downlight

14 Finish
MW = Matte White
BL = Matte Black
SI[5] = Silver
RB[5] = Bronze
SW[5,6] = Silver/White
CA[6] = Clear Anodized/White
CC[6] = Clear Chrome/White
BC[6] = Black Chrome/White

15 Lens[8]
XX = No Lens
FG = Frosted Glass
SO = Micro Prism Solite™
WW[1] = Wall Wash

16 Options
XX = None
TC = Thick Ceiling (greater than 5/8" up to 2")

Need quote, layout, or custom assistance?
Email **fixtures@lutron.com** or call 610.282.7472.

For details on Energy Star or CEC Title 24 compliant options, please contact fixtures@lutron.com.

[1] For wall wash applications, use adjustable or infinite adjustable housing with adjustable trim and wall wash lens. For best results, use with 40° beam spread at 40° tilt angle
[2] Includes Soft-on, Fade-to-Black dimming
[3] For trimless wood/stone use trimless housing and trim
[4] Pinhole trims come in Matte White, Matte Black, Silver, and Bronze with Black inside baffle
[5] Painted finish
[6] White flange standard for trimmed options
[7] Non-IC housing type only
[8] All lens options (except no lens) are wet/damp location rated for covered, ceiling-mount interior or exterior applications that meet the required temperature spec.

Photo by Robin Hill

The Finiré 4" family

Finiré 4" LED recessed lighting comes standard with Lutron smooth 1% dimming while guaranteeing Lutron control compatibility.

4" Fixture Types and Options

Finiré eliminates guesswork by ensuring 100% compatibility between LED fixtures, drivers, and controls. Available in 17W-35W models — all delivering smooth, flicker-free dimming. This complete solution combines an architectural grade fixture with high-performance Hi-lume LED drivers designed to work with Lutron dimmers/controls.

Fixture Types and Options

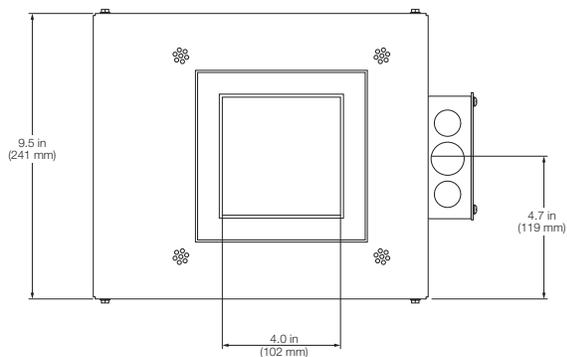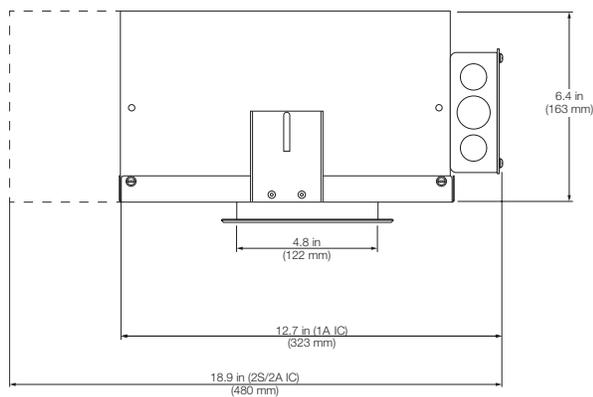|	
Type	Downlight, Wall Wash, Adjustable
Size (opening)	4"
Housing	Non-IC, IC
Aperture Style	Round, Square
LED Type	17 W, 700 lm, 97 CRI, R9=95 20W, 850 lm, 97 CRI, R9=95 18W, 1000 lm, 83 CRI, R9=14 35W, 2000lm, 83 CRI, R9=14 (Non-IC only)
Color Temperature	2700 K, 3000 K, 3500 K
Beam Spread	20°, 30°, 36°, 40°, 50°
Trim	Round Trimmed, Round Trimless Square Trimmed, Square Trimless
Hanging	14–24" Adjustable Hanging Bars
Control Method	2-Wire, 120 V∼ 3-Wire, 120–277 V∼ EcoSystem*, 120–277 V∼ * EcoSystem comes standard with Soft-on, Fade-to-Black dimming feature
Ceiling Thickness	Standard, 1", 1.5", 2"

Above: Finiré 4" Round IC downlight with standard Matte White trim

4" Specifications

LED Performance

Finiré Model	1A	2A	2S	3S
CRI (Typical)	97, R9=95	97, R9=95	83, R9=14	83, R9=14
Lumens (Delivered)	700	850	1000	2000
Wattage	17	20	18	35
Efficacy (Lumens/Watt)	41	43	56	57

Independent measurement of typical 3000 K downlight fixture models by Lutron Electronics Co., Inc. for reference only.
Go to the Finiré specification sheets for LM79 photometric data by fixture type and trim options.

IC Housing

6.4 in (163 mm)
4.8 in (122 mm)
12.7 in (1A IC) (323 mm)
18.9 in (2S/2A IC) (480 mm)

9.5 in (241 mm)
4.7 in (119 mm)
4.0 in (102 mm)

Non-IC Housing

4.7 - 6.2 in* (120 - 157 mm)
4.7 in (119 mm)
12.7 in (323 mm)

9.5 in (241 mm)
4.7 in (119 mm)
4.0 in (102 mm)
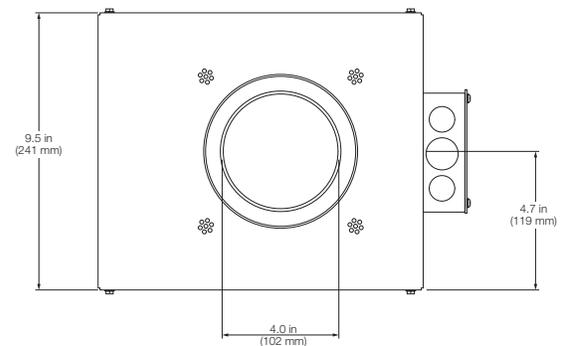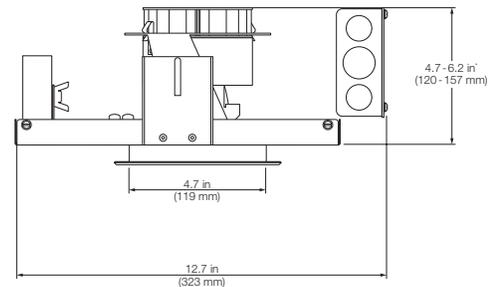
Dimensions

1A IC Housing: 12.7"L x 9.5"W x 6.4"H
2S, 2A, IC Housing: 18.9"L x 9.5"W x 6.4"H
Non-IC Housing: 12.7"L x 9.5"W x 4.7"H
Max Ceiling Thickness: 2.0"

For spray foam insulation application details, contact fixtures@lutron.com.

Compatible Controls

For a list of compatible controls,
visit **lutron.com/finire** or contact the
LED Control Center of Excellence at
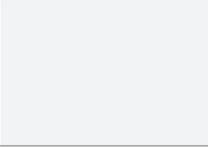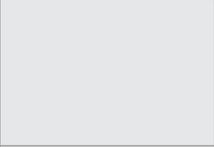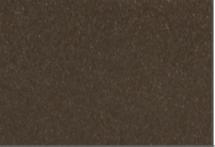**leds@lutron.com**/1.877.DIM.LED8.

4" Options

Trim Options

	Square Trimmed Downlight/Adjustable	Square Trimmed Wall Wash	Square Trimless Downlight/Adjustable	Round Trimmed Wall Wash/Adjustable	Round Trimmed Downlight	Round Trimless Downlight
Shown in:	Matte White	Matte Black	Stainless	Bronze	Clear Alzak/White	Wheat Alzak/White

Color Options

	Matte White	Matte Black	Stainless	Bronze	Clear Alzak/White	Wheat Alzak/White
Round	●	●	●	●	●	●
Square	●	●	●	●		
Pinhole	●	●	●	●		

Decorative & Pinhole Trim Options

Square Frosted Glass Ring	Round Center Frosted Glass	Square Pinhole Downlight	Round Pinhole Downlight	Round Pinhole (Slotted) Adjustable

Lens Options

Micro Prism Solite™	Frosted Glass	Clear Glass
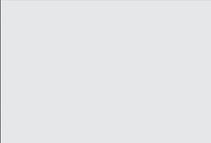
F D T 4 R N 1A 27 40 F1 B2 XX - R4466 MW SO WL
1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14** **15** **16**

Fixture Options

1 Family
F = Finiré Recessed Lights

2 Type
D = Downlight
W = Wall Wash
A = Adjustable

3 Flange
T = Trimmed
Z = Trimless

4 Series
4 = 4" Series

5 Shape
R = Round
S = Square

6 Housing Type
N = Non-Insulation Contact (Non-IC)
I = Insulation Contact (IC)

7 LED Type
1A = 17W, 700lm, 97CRI
2S = 18W, 1000lm, 83CRI
2A = 20W, 850lm, 97CRI
3S[2] = 35W, 2000lm, 83CRI

8 Color Temperature
27 = 2700K
30 = 3000K
35 = 3500K

9 Beam Spread
20* = 20°
30 = 30°
36[3] = 36°
40 = 40°
50 = 50°

10 Control Method
F1 = Hi-lume 1% 2-wire 120V~
31 = Hi-lume 1% 3-wire 120V~
37 = Hi-lume 1% 3-wire 277V~
E1[4] = Hi-lume 1% EcoSystem 120V~
E7[4] = Hi-lume 1% EcoSystem 277V~

11 Hanging
B2 = 14–24" Adjustable Hanging Bars

12 Ceiling Thickness
XX = Standard
10 = 1.0"
15 = 1.5"
20 = 2.0"

Trim Options

13 Trim
R4466 = Round Downlight
R4966 = Round Wall Wash
R4500 = Round Adjustable
R4105 = Round Pinhole Downlight
R4106 = Round Pinhole Adjustable
R04A4 = Square Downlight
R0104 = Square Wall Wash
R0204 = Square Adjustable
R4004 = Square Pinhole Downlight
Z4466 = Trimless Round Downlight
Z4966 = Trimless Round Wall Wash
Z4500 = Trimless Round Adjustable
Z04A4 = Trimless Square Downlight
Z0104 = Trimless Square Wall Wash
Z0204 = Trimless Square Adjustable

14 Finish
MW = Matte White
BL = Matte Black
SG = Stainless
RB = Bronze
CL[1,5] = Clear Alzak/White
WE[1,5] = Wheat Alzak/White

15 Lens
FG = Frosted Glass
SO = Micro Prism Solite™
CG = Clear Glass

16 Options
XX = None
WL = Wet (damp) Location (interior only)
TF = Round Center Frosted Glass
FQ = Square Frosted Glass Ring

Need quote, layout, or custom assistance?
Email **fixtures@lutron.com** or call 610.282.7472.

For details on Energy Star or CEC Title 24 compliant options, please contact fixtures@lutron.com.

* Adjustables only
[1] Round only. Trimmed option comes with painted white flange.
[2] Non-IC only
[3] 2S and 3S LED types only
[4] includes Soft-on, Fade-to-Black dimming
[5] White flange standard for trimmed applications

❈LUTRON

I V A L O   C O L L E C T I O N

lutron.com/ivalo

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299

Customer Service and 24/7 Technical Support:
610.282.7472 or fixtures@lutron.com