

Ivalo® Finiré® LED Recessed Lighting

Guaranteed LED compatibility standard with high-quality 1% Lutron dimming and Xicato LEDs



New! Higher Output, up to 2000 lumens

- Higher efficacy with more light output
- Industry best 97 CRI LEDs available
- Lutron Soft-on, Fade-to-Black™ 1% dimming available
- Individual fixture control digitally with the EcoSystem™ option
- 10 year limited warranty

 **LUTRON**
IVALO COLLECTION™

Overview

Why Choose LEDs?

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



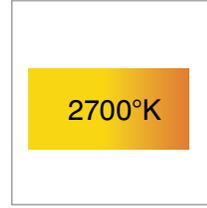
Reduced energy costs, eligible for rebates



Reduced maintenance costs, 50,000+ hour lamp life



Environmentally friendly with little to no UV emissions



Provide the same look and feel as incandescents



Provide the same light output as a 75W incandescent

Why Choose the Ivalo Collection™ by Lutron?

Guaranteed LED compatibility with high-performance 1% dimming.



Guaranteed compatibility with Lutron controls



Standard Lutron driver with EcoSystem™ Soft-on, Fade-to-Black™ option



Energy Star and 2013 CA Title 24 compliant options



10-year limited warranty



LED Center of Excellence and 24/7 technical support

Why Choose Finiré®?

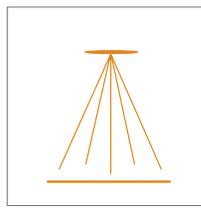
Architectural spec grade luminaire with industry leading LED light quality.



Industry best rated 97 CRI color quality



Round, square, trimless, and architectural color



15° – 60° field changeable beam spread options



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



Industry best fixture-to-fixture color consistency

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. (EcoSystem™ option has the new Soft-on, Fade-to-Black™ dimming feature; see page 4).

Energy Star and 2013 CA Title 24 compliant options

Finiré® offers models that meet Energy Star and the new California 2013 Title 24 standards.

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. Most manufacturers have limited 5-year warranties that do not cover the dimming driver or LED performance.

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?

Industry best 97 CRI

Finiré comes standard with Xicato LEDs providing industry best light quality with 97 CRI (standard with the 3" family) with an R9 value of 95.

Round, square, trimless, and architectural color finishes

Choose from round or square downlight, wall wash (4" only), 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

Xicato 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.

Digitally Control Individual Finiré Fixtures with Residential EcoSystem Controls

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 www.lutron.com/homeworksQS for more information.

*Go to www.lutron.com/rebates for rebate eligibility by state

Flexible Zoning

The true strength of Lutron's EcoSystem® digital addressable technology is that it allows for zoning of the fixtures 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

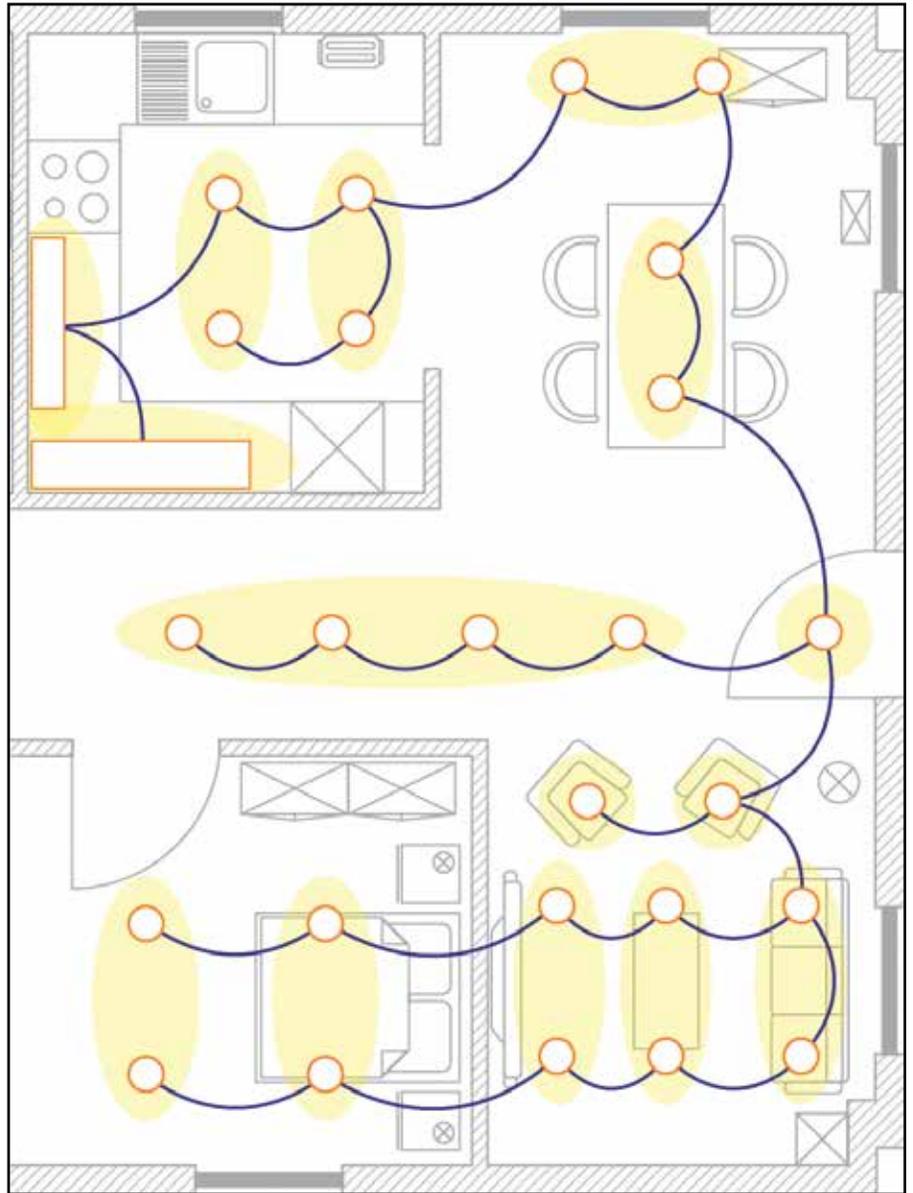
When pairing Lutron EcoSystem digital controls with EcoSystem digital drivers, the compatibility is guaranteed. Lutron owns the relationship and communication between the two devices.

Save Electrical Closet Space

The digital communication allows for large number of fixtures be controlled by one smaller controller. This saves significant space in the electrical closet by reducing the required footprint 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 has a soft, incandescent-like transition between 1% and off. This transition, both when turning on and vice versa.



Finiré® and EcoSystem™



Quality of Light

Xicato is in the business of making beautiful light, and does this by starting with an understanding of how people see, react, and respond to light. With this knowledge, the company sets out to design the highest quality light. The key to Xicato's unique light is a set of patented technologies that allow colors to render beautifully while maintaining quality and consistency.



Color Rendering

Xicato carefully controls LED and phosphor specifications to deliver the most natural color possible. The company does this by managing the color rendering of the LED module across 15 different, industry defined color specifications ranging from pastels to saturated colors and skin tones. With the Xicato modules in Finiré, colors will always appear the way you expect them to.



Color Consistency

Xicato's LED modules are held to the industry's most stringent color specification. Using proprietary Corrected Cold Phosphor Technology®, Xicato individually "tunes" every LED module to ensure that Finiré provides consistent and beautiful light.

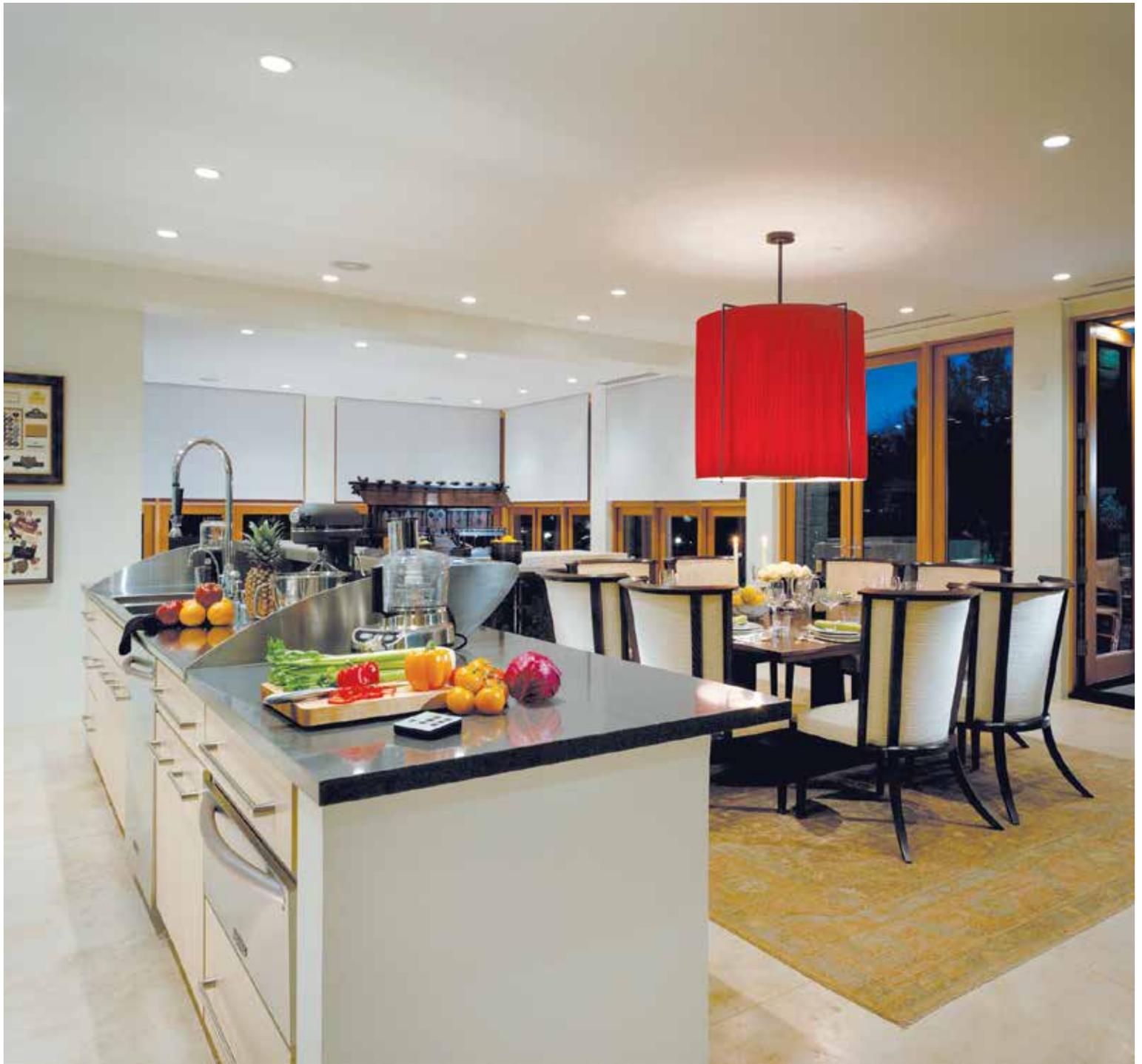


Uniformity

Halogen lamps and LED arrays can suffer from variations of light over a surface due to non-uniform illuminance of the light source. The Xicato module in Finiré emits the light uniformly, without color variations or shadows.

Lutron and **XICATO**

Finiré® comes standard with Xicato LED modules and Lutron drivers, providing industry best 97 CRI LED light quality and 1% smooth, flicker-free dimming.



The **New** 3" Finiré® family

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

3" Fixture Types and Options



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

Fixture Types and Options

Type

Downlight, Adjustable

Size (opening)

3"

Housing

Non-IC, IC

Aperture Style

Round, Square

LED Type

17W, 650lm, 97 CRI, R9=95 (15 degree beam only)
 17W, 850lm, 97 CRI, R9=95
 17W, 1100lm, 97 CRI, R9=95
 29W, 1750lm, 97 CRI, R9=95 (Non-IC only)

Color Temperature

2700K, 3000K, 3500K

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")

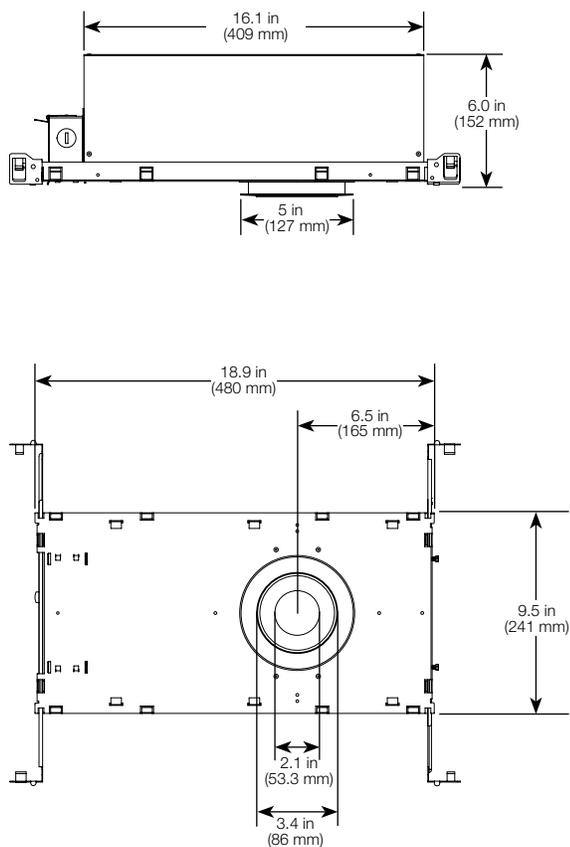
3" Specifications

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 |

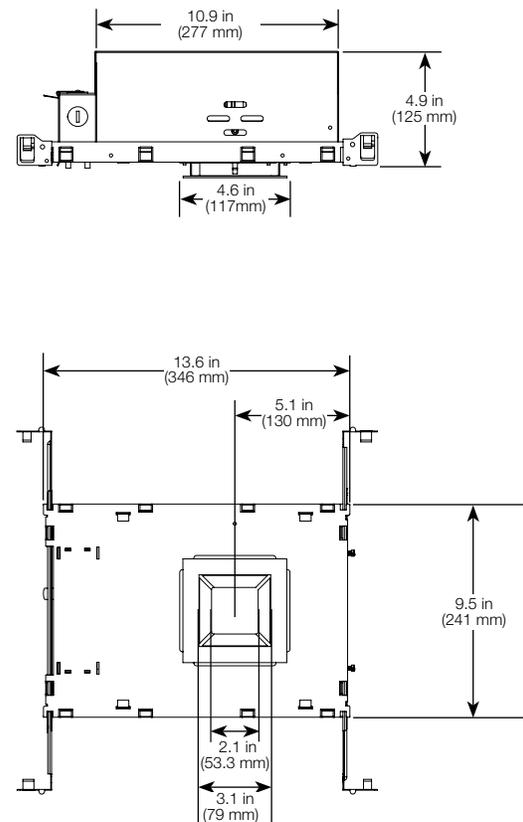
Independent measurement of typical 3000K downlight fixture models by Lutron Electronics Co., Inc. for reference only. See the Finiré specification sheets for LM79 photometric data by fixture type and trim options.

IC Housing*



* Plenum rated fixture uses IC housing

Non-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"

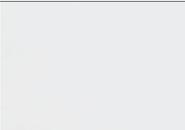
Compatible Controls

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

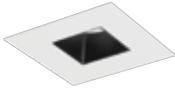
For spray foam insulation applications, contact fixtures@lutron.com for details.

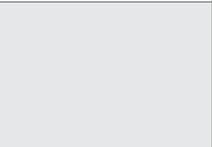
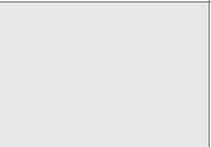
3" Options

| | | | | | | | |
|--------------|---|---|---|---|---|---|---|
| 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 3" Finiré® 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 = Adjustable (accommodates sloped ceilings up to 10/12 roof pitch)
-
- 3 Flange**
T = Trimmed
Z = Trimless
-
- 4 Size**
3 = 3" Series
-
- 5 Aperture**
R = Round
S = Square
-
- 6 Housing**
N = Non-insulation Contact (Non-IC)
I = Insulation Contact (IC)
-
- 7 LED Type**
XX = Standard 17W, 850lm, 97 CRI
NS = Narrow Spot 17W, 650lm, 97 CRI
HO = High Output 17W, 1100lm, 97 CRI
HP⁶ = High Plus 29W, 1750lm, 97 CRI
-
- 8 Color Temperature**
27 = 2700K
30 = 3000K
35 = 3500K
-
- 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~
EU¹ = 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
TW² = 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
RTP00³ = Round Pinhole Downlight
RTS00³ = Round Pinhole (Slotted) Adjustable
RZD00 = Round Trimless Downlight
RZA00 = Round Trimless Adjustable
RZP00³ = Round Trimless Pinhole Downlight
RZS00³ = Round Trimless Pinhole (Slotted) Adjustable
STD00 = Square Trimmed Downlight
STA00 = Square Trimmed Adjustable
STP00³ = Square Pinhole Downlight
SZD00 = Square Trimless Downlight
SZA00 = Square Trimless Adjustable
SZP00³ = Square Trimless Pinhole Downlight
-
- 14 Finish**
MW = Matte White
BL = Matte Black
SI⁴ = Silver
RB⁴ = Bronze
SW^{4,5} = Silver/White
CA⁵ = Clear Anodized/White
CC⁵ = Clear Chrome/White
BC⁵ = Black Chrome/White
-
- 15 Lens⁷**
XX = No Lens
FG = Frosted Glass
SO = Solite™ Glass
WW⁸ = 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.

- Includes Soft-on, Fade-to-Black™ dimming
- For trimless wood/stone use trimless housing and trim
- Pinhole trims come in matte white, matte black, silver, and bronze with black inside baffle
- Painted finish
- White flange standard for trimmed options
- Non-IC housing type only
- 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.
- Wall Wash lens with adjustable trims only



The 4" Finiré® 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

17W, 700lm, 97 CRI, R9=95
 20W, 850lm, 97 CRI, R9=95
 18W, 1000lm, 83 CRI, R9=14
 35W, 2000lm, 83 CRI, R9=14 (Non-IC only)

Color Temperature

2700K, 3000K, 3500K

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, 120V~
 3-Wire, 120–277V~
 EcoSystem*, 120–277V~
 * EcoSystem comes standard with Soft-on, Fade-to-Black™ dimming feature

Ceiling Thickness

Standard, 1", 1.5", 2"

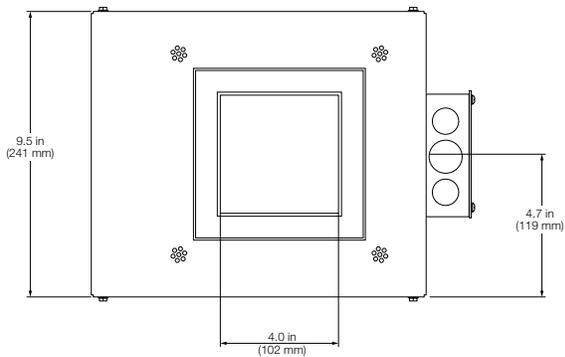
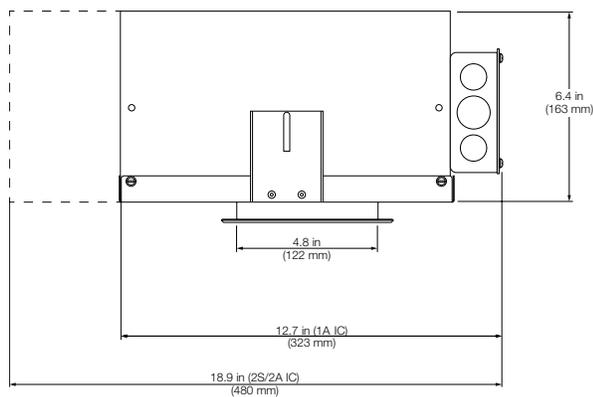
4" Specifications

LED Performance

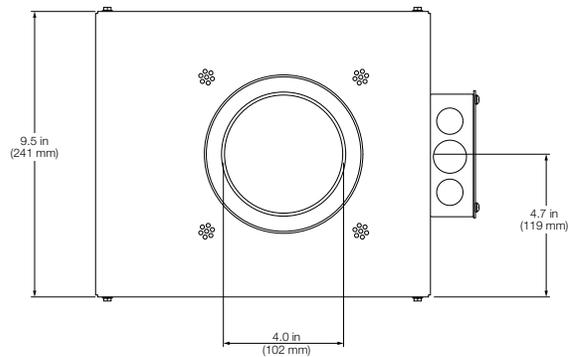
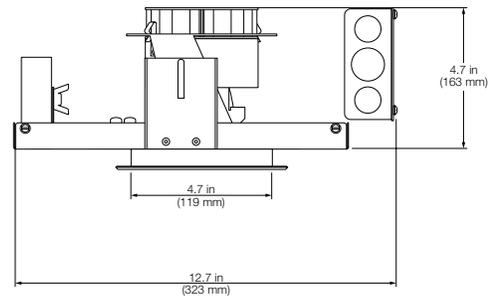
| Finiré® Model | 1A | 2A | 2S | 3S |
|-------------------------------|-----------|-----------|-----------|-----------|
| CRI (Typical) | 97, R9=95 | 97, R9=95 | 83, R9=14 | 83, R9=14 |
| Lumens (Delivered) | 700 | 850 | 1000 | 2000 |
| Wattage | 17 | 20 | 18 | 35 |
| Efficacy (Lumens/Watt) | 41 | 43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

Independent measurement of typical 3000K 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



Non-IC Housing



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"

Compatible Controls

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

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

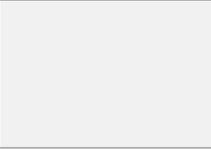
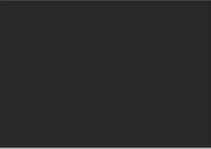
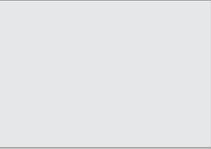
4" Options

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 Wheat Alzak

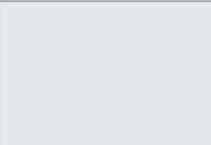
Color Options

| | Matte White | Matte Black | Stainless | Bronze | Clear Alzak | Wheat Alzak |
|----------------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| 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 |
|---|---|---|
|  |  |  |

How to specify 4" Finiré® LED Recessed Lighting

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

Size

4 = 4" Series

5

Aperture

R = Round

S = Square

6

Housing

N = Non-insulation Contact (Non-IC)

I = Insulation Contact (IC)

7

LED Type

1A = 17W, 700lm, 97 CRI

2S = 18W, 1000lm, 83 CRI

2A = 20W, 850lm, 97 CRI

3S² = 35W, 2000lm, 83 CRI

8

Color Temperature

27 = 2700K

30 = 3000K

35 = 3500K

9

Beam Spread

20* = 20°

30 = 30°

36³ = 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~

E1⁴ = Hi-lume 1% EcoSystem 120V~

E7⁴ = 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[†] = Clear Alzak

WE[†] = Wheat Alzak

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

[†] Round only

² Non-IC only

³ 2S, and 3S LED types only

⁴ includes Soft-on, Fade-to-Black dimming



www.lutron.com/ivalo

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

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