

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:



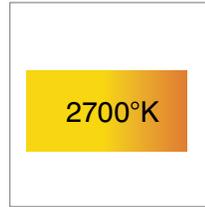
Reduced energy costs, eligible for rebates



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®?

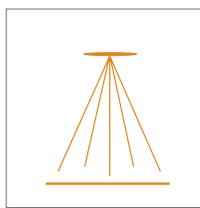
Architectural spec grade luminaire with industry leading LED light quality.



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

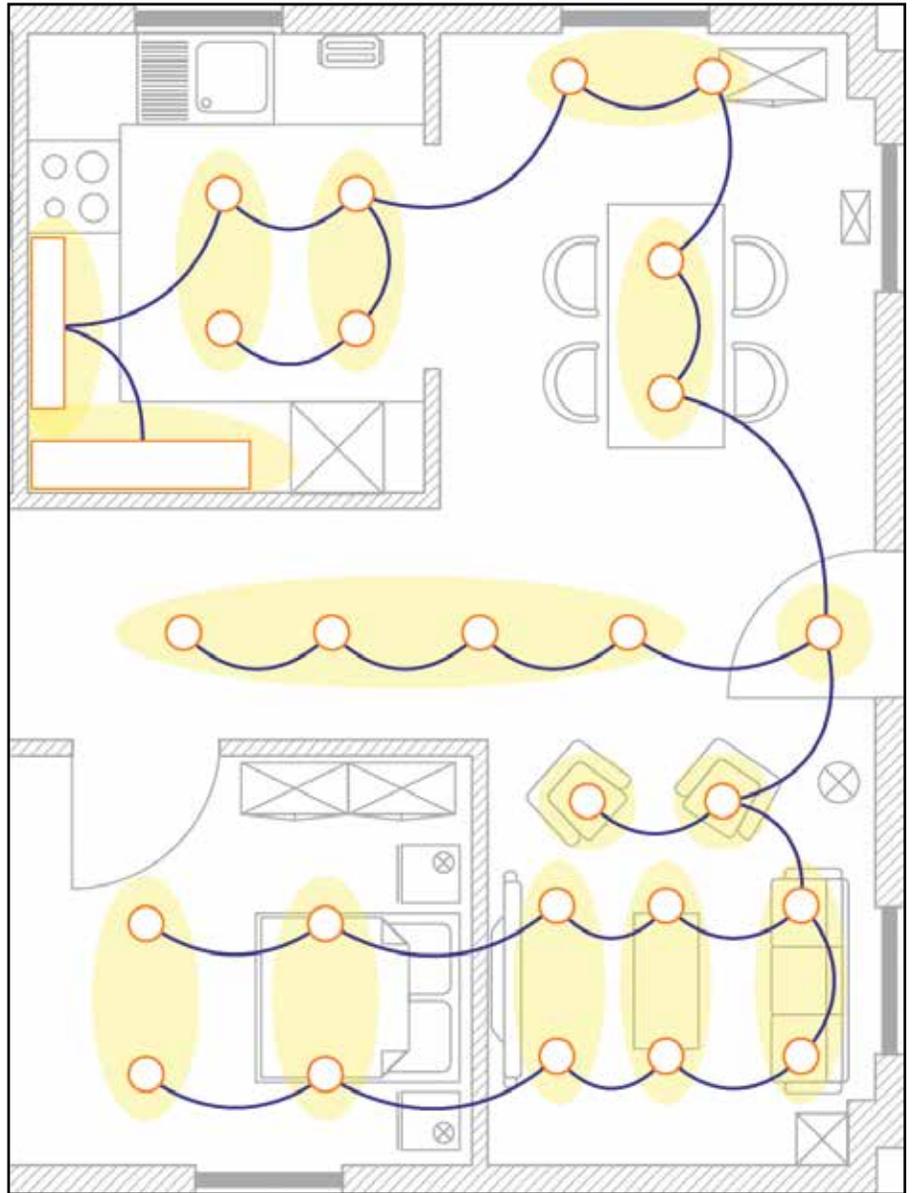
When pairing Lutron EcoSystem digital controls with EcoSystem digital drivers, the compatibility is guaranteed. Lutron owns the relationship and communication between the two devices.

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.