

2016 Lutron Fixture Specification Guide

Luminaires featuring high-performance dimming capability





Lutron_® Fixture Solutions

Lutron's fixture solutions feature high-performance dimming capability. All luminaires are pre-assembled and pre-tested, have integral Lutron Hi-lume. LED drivers or Lutron Fluorescent ballasts and associated cabling to simplify field connectivity.

Typical applications

- Classrooms
- Gymnasiums
- Conference rooms
- Open/private office spaces
- Public accessible spaces (corridors, hallways)
- Warehouses
- Video conference rooms
- Stairwells
- Retail spaces
- · Residential applications

Lutron warranty

All fluorescent luminaires are backed with a 3-year manufacturer's warranty (5-year with start-up). All LED luminaires are backed with a 10-year manufacturer's warranty. Go to www.lutron.com/warranty for details.

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Lutron_® Fixture Solutions Advantage

The Ivalo_® Collection



Guaranteed compatibility with Lutron controls



Standard remote mount UL Listed 1% dimming driver



High LED color quality



10-year limited warranty



LED Control Center of Excellence and 24/7 technical support

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.)

95+ CRI color quality

Ivalo fixtures use some of the best LEDs on the market to provide 95+ CRI for our LED fixtures across all color temperature offerings.

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 from the date of shipment. In addition, the LED color shift and LED color consistency are covered for up to 5 years. Most manufacturers have limited warranties that don't guarantee color consistency from fixture to fixture.

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.

Shaded options represent Lutron's industry-best advantages

Digital Luminaires



Guaranteed compatibility with Lutron controls



Standard remote mount UL Listed 1% dimming driver



DLC listed options available



10-year limited warranty



LED Control Center of Excellence and 24/7 technical support

Tested for guaranteed compatibility with Lutron controls

Digital Luminaire fixtures are designed and tested for compatibility with Lutron's wide range of commercial systems. Fixtures are available for control via Ecosystem or 3-wire dimming, allowing them to be used in any of Lutron's commercial product lines.

Standard Lutron 1% dimming driver

Digital Luminaire fixtures come standard with Lutron LED drivers, giving them smooth, flicker-free dimming from 100% to 1%. Ecosystem LED options come standard with Soft-On, Fade-to-Black technology.

DLC listed options

Digital Luminaire product lines have DLC options available to help facilitate rebate or specification requirements.

10-year limited warranty

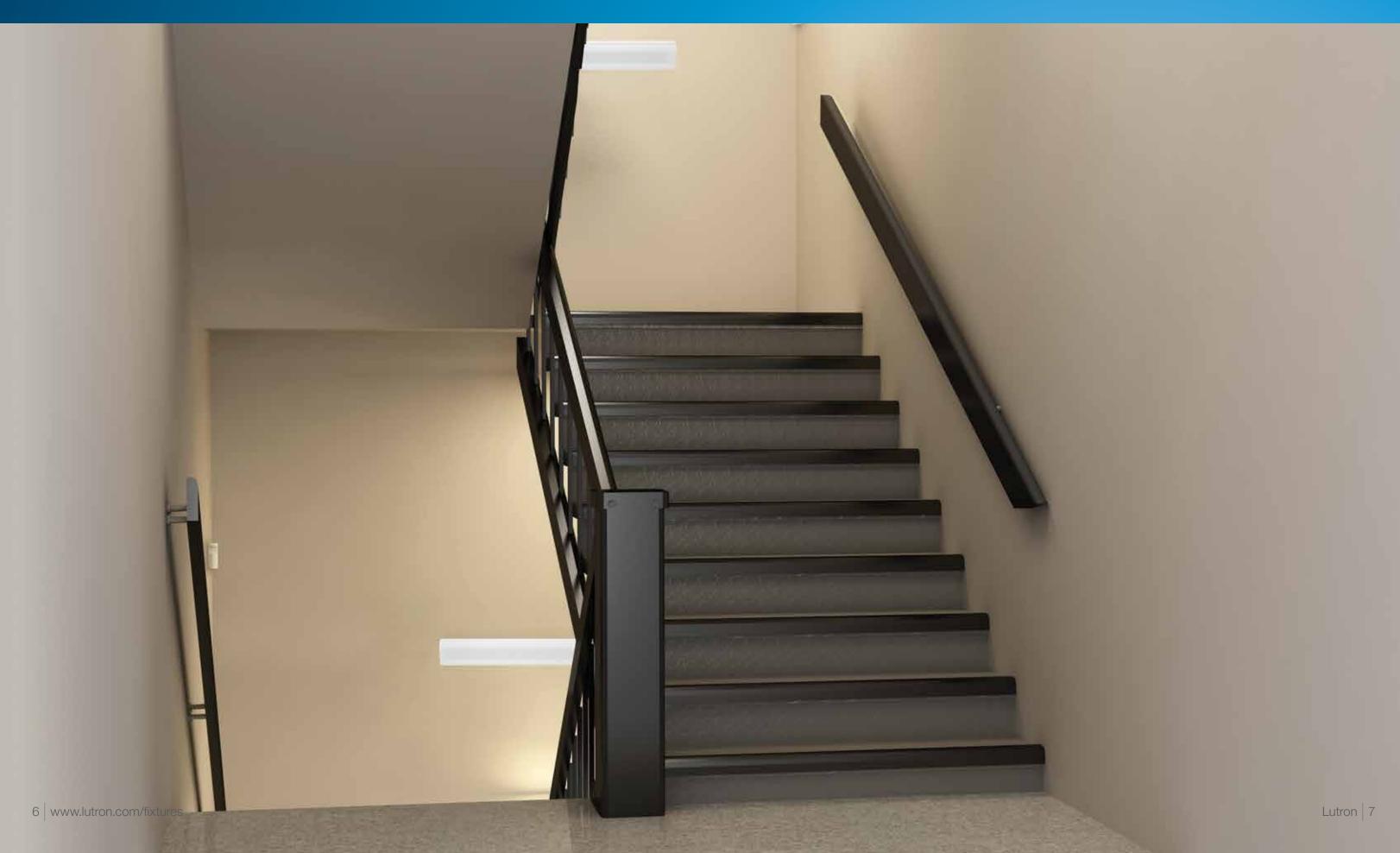
LED Digital Luminaires come standard with Lutron's 10-year limited warranty, which covers the LED driver, LED engine, and fixture body from defect for up to 10 years or 50,000 hours run time.

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.

Shaded options represent Lutron's industry-best advantages

Digital Luminaires



Digital Luminaires | Stairwell LED fixture

The stairwell LED fixture provides an energy-saving solution with a concealed wireless control and architectural design. Utilizing integral LEDs as the light source lowers power usage and maintenance, saving up to 80%¹ of lighting energy while meeting building codes and standards.

Features and capacities

- · Lutron dimming driver standard
- · Concealed wireless control (PowPak® stairwell controller)
- Frosted acrylic lens
- 80% occupied, 20% unoccupied default
- Integral 4000K color temperature LED module
- 120-277 V → universal input voltage
- Vandal-resistant option available
- Optional emergency driver backup available

Typical applications

Stairwells, corridors, hallways

Dimensions and mounting

4 ft fixture (standard; shown above)

 Length: 52.25 in (1327 mm) Height: 3.75 in (95 mm) Width: 3.25 in (83 mm)

- · Can be mounted to wall or ceiling; surface mount
- 2ft also available

Communications and wiring

• Fixture communicates via Clear Connect® RF technology

Related components - choose one

(required for the solution to work)



Radio Powr Savr occupancy sensors (LRF2-OWLB-P-WH) wall (LRF2-OKLB-P-WH) corner (LRF2-OCR2B-P-WH) ceiling (LRF2-OHLB-P-WH) hall



1 Savings up to 80% is based on replacing a 4ft T12 fixture (2-40W lamps at 100% output), with a 4ft LED Lutron stairwell solution (40W at 80% high-end output, 20% low-end output). Existing system operation is based on 8760 hours of annual use. Replacement system operation is based on 25% occupancy. Actual savings may vary based on existing fixture wattage and stairwell occupancy. Ensure replacement fixture meets the required light levels.

Technical documents available at www.lutron.com/fixtures.

How to order a stairwell LED fixture

Example model number

(4ft Low Power 20W LED fixture with 80% occupied and 20% unoccupied preset)

Fixture Options

Product

FX = Fixtures

Family

SW = Stairwell

Fixture type

LX = LED, 4000K

LE = LED, 4000K w/ Emergency Driver

Size

2L = 2ft Low Power 15 W, 1500 lm

2H = 2ft High Power 30W, 3000lm

4L = 4 ft Low Power 20 W, 2000 lm

4H = 4 ft High Power 40 W, 4000 lm

8 ft, Vandal Resistant, 347 V~, 3500K CCT, Alternate EM power levels and custom options available. Contact fixtures customer service at fixtures@lutron.com.

The stairwell fluorescent fixture is a T5 or T8 fixture available in 2 ft, 4 ft, and 8 ft models. This solution can save up to 70%¹ of lighting energy and meet building codes and standards.

Features and capacities

- · Lutron dimming ballast standard
- Integral wireless control (PowPak_® stairwell controller)
- · 80% occupied, 20% unoccupied default
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V
 — universal input voltage
- · Vandal-resistant option available
- Optional emergency ballast battery backup available

Typical applications

· Stairwells, corridors, hallways

Dimensions and mounting

4 ft fixture (standard; shown above)

- Length: 52.25 in (1327 mm)
 Height: 3.75 in (95 mm)
 Width: 3.25 in (83 mm)
- · Can be mounted to wall or ceiling; surface mount
- 2 ft and 8 ft also available

Communications and wiring

Fixture communicates via Clear Connect_®
 RF technology

Related components - choose one

(required for the solution to work)



Radio Powr Savr™
occupancy sensors
(LRF2-OWLB-P-WH) wall
(LRF2-OKLB-P-WH) corner
(LRF2-OCR2B-P-WH) ceiling
(LRF2-OHLB-P-WH) hall



¹ Savings up to 70% based on replacing a 4ft T12 fixture (2-40W lamps at 100% output) with a 4ft T8 Lutron stairwell solution (2-32W at 80% high-end output, 20% low-end output). Existing system is at full output 24 hours a day, while replacement system is at full output for 6 hours and low-end output for 18 hours a day. Actual savings may vary based on existing fixture wattage and stairwell occupancy. Always verify replacement system meets light level requirements.

Technical documents available at **www.lutron.com/fixtures**.

How to order a stairwell fluorescent fixture

Example model number

(4ft 2 lamp 32W fluorescent fixture with 80% occupied and 20% unoccupied preset)

FX SW XX 14 SL 2 32 U 82 SM XX WH

Fixture Options

- Product
 - **FX** = Fixtures
- 2 Family
 - **SW** = Stairwell
- Fixture type
 - XX = Standard
 - VR = Vandal Resistant
- 4 Size
 - 12 = 1 ft x 2 ft
 - $14 = 1 \text{ ft} \times 4 \text{ ft}$
 - 18 = 1 ftx8 ft
- Lens option
 - **SL** = Standard Lens
- 6 Lamps
 - 1 = 1 Lamp
 - 2 = 2 Lamp
 - 4 = 4 Lamps, 8 ft
- Lamp type
 - 14 = 14 W T5HE, 2 ft
 - 17 = 17 W T8, 2 ft
 - 24 = 24 W T5HO, 2 ft
 - 28 = 28 W T5HE, 4 ft
 - 32 = 32 W T8, 4 ft
 - $54 = 54 \text{W} \text{ T5HO}, 4 \text{ ft}^1$
 - **RW** = 25, 28, 30 W T8, Reduced Wattage, 4 ft

- 8 Region
 - **U** = UL North America
 - B = BAA (Buy American Act)²
- Control options
 - 82 = 80% Occupied, 20% Unoccupied
- Mounting type
 - SM = Surface Mount
- 11 Options
 - **XX** = None
 - **E1** = T8 Emergency Ballast^{3,4}
 - E3 = T5HE Emergency Ballast^{3,4}
 - **E5** = T5HO Emergency Ballast^{3,4}
- Color finish
 - **WH** = Matte White

1 1 lamp only

- ² Lutron offers fixture solutions that are assembled in the United States, making it easy for you to comply with the Buy American Act.
- $^{\rm 3}$ Emergency ballast "option" not available if 2 ft "lamp type" is chosen
- ⁴ Emergency ballast "option" is determined by "lamp type"

347 V~ and custom options available. Contact fixtures customer service at **fixtures@lutron.com**.

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Digital Luminaires | Stairwell fluorescent retrofit kit solution



The stairwell retrofit kit solution allows you to transform high-cost/high-maintenance fluorescent stairwell luminaires into energy-efficient solutions through the addition of dimming/occupancy sensing capabilities and by updating your luminaire with more efficient lamps (i.e. T12 to T5). We also group the components you need—per fixture—together, instead of shipping everything in separate boxes.

Features and capacities

- Pre-wired Lutron dimming ballast for T8, T5HE, or T5HO lamps
- 80% occupied, 20% unoccupied default
- Rapid-start sockets (optional)
- Compatible with 2 ft, 3 ft, 4 ft, or 8 ft fixtures
- 1, 2, 3, or 4 lamp options available
- 120-277 V → universal input voltage

Typical applications

Stairwells, corridors, hallways

Communications and wiring

• Fixture communicates via Clear Connect® RF technology with other wireless devices

Related components

(required for the solution to work)



Radio Powr Savr™ occupancy sensors

(LRF2-OWLB-P-WH) wall (LRF2-OKLB-P-WH) corner (LRF2-OCR2B-P-WH) ceiling (LRF2-OHLB-P-WH) hall

Technical documents available at www.lutron.com/fixtures.

How to order a stairwell fluorescent retrofit kit solution

Example model number

(2 ft 2 Lamp 17 W fluorescent retrofit kit with 80% occupied and 20% unoccupied preset)

9

Fixture Options

Product

FXRS = Fixtures Retrofit Kit Solution

Family

SW = Stairwell

Fixture type

XX = Standard

Size

12 = 1 ft x 2 ft

13 = 1 ftx3ft

14 = 1 ft x 4 ft

 $18 = 1 \text{ ft} \times 8 \text{ ft}$

Lamps

1 = 1 Lamp

2 = 2 Lamps

3 = 3 Lamps, T8

4 = 4 Lamps

Lamps

14 = 14 W T5HE, 2 ft

17 = 17 W T8, 2 ft

21 = 21 W T5HE, 3 ft

24 = 24 W T5HO, 2 ft

25 = 25 W T8, 3 ft

28 = 28 W T5HE. 4 ft

32 = 32 W T8, 4 ft

39 = 39 W T5HO. 3 ft

 $54 = 54 \text{ W T5HO}, 4 \text{ ft}^1$

RW = 25, 28, 30 W T8, Reduced Wattage, 4 ft Region

U = UL - North America

Control options

82 = 80% Occupied, 20% Unoccupied

Socket options

XX = None

SK = Sockets²

² Two rapid-start sockets per lamp; each lamp gets 18" of power leads (white, black) and 40" of lamp leads (yellow, blue) per lamp.

Custom options available—contact fixtures@lutron.com.

Digital Luminaires | Video conference indirect wash LED fixtures



These fixtures are ideal for video conferencing and distance learning spaces, where lighting focused on the participants and presenter needs to be precise and glare-free. The fixtures' designs shield the lamps from view, enhancing the look and feel of the room.

Features and capacities

- · Lutron digital dimming driver
- Dims smoothly and continuously from 100% to 1%
- LED Integral 3500 K, or 4000 K LED module options available
- 45° diagonal mount option available
- DLC qualified
- Chicago plenum
- Universal input voltage 120/277 V
- · Gypsum and surface mount available
- · Standard mounting in a T-Bar grid ceiling
- · Optional emergency driver backup available

Communication and wiring

• EcoSystem® digital link and 3-wire control compatible





Technical documents available at www.lutron.com/fixtures.

How to order a video conference indirect wash fixture

Example model number

Fixture Options

Product

FX = Fixtures

Family

VT = Video Conference

Fixture type

IW = Indirect Wash

Size

 $1X = 1 \text{ ft} \times 2 \text{ ft } 24 \text{ W}, 1600 \text{ Im}$

 $2X = 2 \text{ft} \times 2 \text{ft} 45 \text{W}, 4000 \text{Im}$

Color temperature

NL = Neutral White LED, 3500 K

CL = Cool White LED, 4000 K

Driver/Control type

3U = Hi-lume_® 1% 3-wire LED Driver, 120/277 V

EU = Hi-lume 1% EcoSystem™ LED Driver with Soft-on, Fade-to-Black™, 120/277 V

7 Mounting type

TB = T-bar

GY = Gypsum

SM = Surface Mount

SB = 45° Diagonal¹

Options

XX = None

E7 = Emergency Drivers

¹ 1ft x 2ft and T-bar mount only

2-wire control, 3000K CCT, metric dimensions, 1ft x 4ft and custom options available. Contact fixtures customer service at fixtures@lutron.com.

Digital Luminaires | Video conference indirect wash fluorescent fixtures



These fixtures are ideal for video conferencing and distance learning spaces, where lighting focused on the participants and presenter needs to be precise and glare-free. The fixtures' designs shield the lamps from view, enhancing the look and feel of the room.

Features and capacities

- · Lutron digital dimming ballast standard
- Dim smoothly and continuously from 100% to 5%
- T5 Twin Tube 1 or 2 lamp options available
- 45° diagonal mount option available
- Chicago plenum
- Universal input voltage 120/277 V
- · Gypsum and surface mount available
- · Standard mounting in a T-Bar grid ceiling
- · Optional emergency ballast backup available

Communication and wiring

• EcoSystem_® digital link and 3-wire control compatible





Technical documents available at **www.lutron.com/fixtures**.

How to order a video conference indirect wash fixture

Example model number

FX VT IW 12 XX 1 50 U HD TB XX WH 1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

1 Product

FX = Fixtures

2 Family

VT = Video Conference

Fixture type

IW = Indirect Wash

4 Size

 $12 = 1 \text{ ft x 2 ft}^1$

 $22 = 2 \text{ft} \times 2 \text{ft}^2$

Lens options

XX = None

 $DB = 45^{\circ} Diagonal^{1,3}$

6 Lamps

 $1 = 1 \text{ Lamp}^{1}$

 $2 = 2 \text{ Lamp}^2$

Lamp type

50 = 50 W, T5TT (Twin Tube)

Region

U = UL – North America

I = International

B = BAA (Buy American Act)

Control options

HD = Hi-lume_® 3D 3-wire/EcoSystem_™ 5% dimming

10 Mounting type

TB = T-Bar

GY = Gypsum

SM = Surface Mount

Options

XX = None

E3 = T5TT Emergency Ballast

Color finish

WH = Matte White

40 W T5 Twin Tube ballasts, 55 W T5 Twin Tube ballasts, metric dimensions, Wall Wash fixture, 1 ft x 4 ft and custom options available. Contact fixtures customer service at **fixtures@lutron.com**.

¹ 1 ft x 2 ft fixture with 1 lamp only

² 2ft x 2ft fixture with 2 lamps only

³ T-Bar mount only

Digital Luminaires | Linear recessed volumetric LED fixtures



Lutron's volumetric fixture is a cost-effective, energy-efficient, fully luminous fixture that provides soft ambient illumination ideal for conference rooms. The optical design eliminates the shadowing that is common with many other troffer fixtures.

Features and capacities

- Lutron digital dimming driver
- Dims smoothly and continuously from 100% to 1%
- LED Integral 3500 K, or 4000 K module options available
- DLC qualified
- Universal input voltage 120/277 V
- · Optional emergency driver/backup available

Communication and wiring

• EcoSystem® digital link and 3-wire control compatible





Technical documents available at **www.lutron.com/fixtures**.

How to order a linear recessed fixture

Example model number

FX LR VM 2H NL 3U TB XX
1 2 3 4 5 6 7 8

Fixture Options

Product

FX = Fixtures

Family

LR = Linear Recessed

3 Fixture type

VM = Volumetric

Lamp type

2L = 2ft Low Power 30W, 3000lm

2H = 2ft High Power 40W, 4000lm

4L = 4ft Low Power 40W, 4000lm

4H = 4ft High Power 60W, 5800 lm¹

5 Color temperature

NL = Neutral White LED, 3500 K

CL = Cool White LED, 4000 K

Driver/Control type

3U = Hi-lume_® 1% 3-wire LED Driver, 120/277 V

EU = Hi-lume 1% EcoSystem™ LED Driver with Soft-on, Fade-to-Black™, 120/277 V

Mounting type

TB = T-Bar

SM = Surface Mount

GY = Gypsum

Options

XX = None

E7 = Emergency Driver

¹ EcoSystem only

Alternate lens types, 1 ft x 4 ft, Lutron Wireless Fixture Controller, 3000K CCT and custom options available. Contact fixtures customer service at **fixtures@lutron.com**.

Digital Luminaires | Linear recessed volumetric fluorescent fixtures



Lutron's volumetric fixture is a cost-effective, energy-efficient, fully luminous fixture that provides soft ambient illumination ideal for conference rooms. The optical design eliminates the shadowing that is common with many other troffer fixtures.

Features and capacities

- · Lutron digital dimming ballast standard
- Dims smoothly and continuously from 100% to 1%
- T5/T8 2 or 3 lamp (T8 only) available
- Universal input voltage 120/277 V
- · Optional emergency ballast backup available

Communication and wiring

• EcoSystem_® digital link and 3-wire control compatible



Technical documents available at www.lutron.com/fixtures

How to order a linear recessed fixture

Example model number

12

Fixture Options

Product

FX = Fixtures

Family

LR = Linear Recessed

Fixture type

VM = Volumetric

4 Size

 $22 = 2ft \times 2ft$

 $24 = 2 \text{ft} \times 4 \text{ft}$

Lens options

SL = Standard

Lamps

2 = 2 Lamps

3 = 3 Lamps; T8 only

Lamp type

14 = 14 W, T5 HE, 2 ft

17 = 17 W, T8, 2 ft

24 = 24 W, T5HO, 2 ft

28 = 28 W, T5HE, 4ft

32 = 32 W, T8, 4ft

 $50^{1} = 50 \text{ W}$, T5 Twin Tube

54 = 54 W, T5HO, 4 ft

RW = 25, 28, 30W,

T8 Reduced Wattage, 4ft

Region

U = UL - North America

Control options

HD = 1% dimming, Hi-lume_® 3D

HS = 1% EcoSystem[™] dimming, H-Series

Mounting type

TB = T-Bar

GY = Gypsum

SM = Surface Mount

Options

XX = None

E1² = T8/T5HE 4ft Emergency Ballast

E3² = T5HE, 2ft Emergency Ballast

E5² = T5HO, Emergency Ballast

Color finish

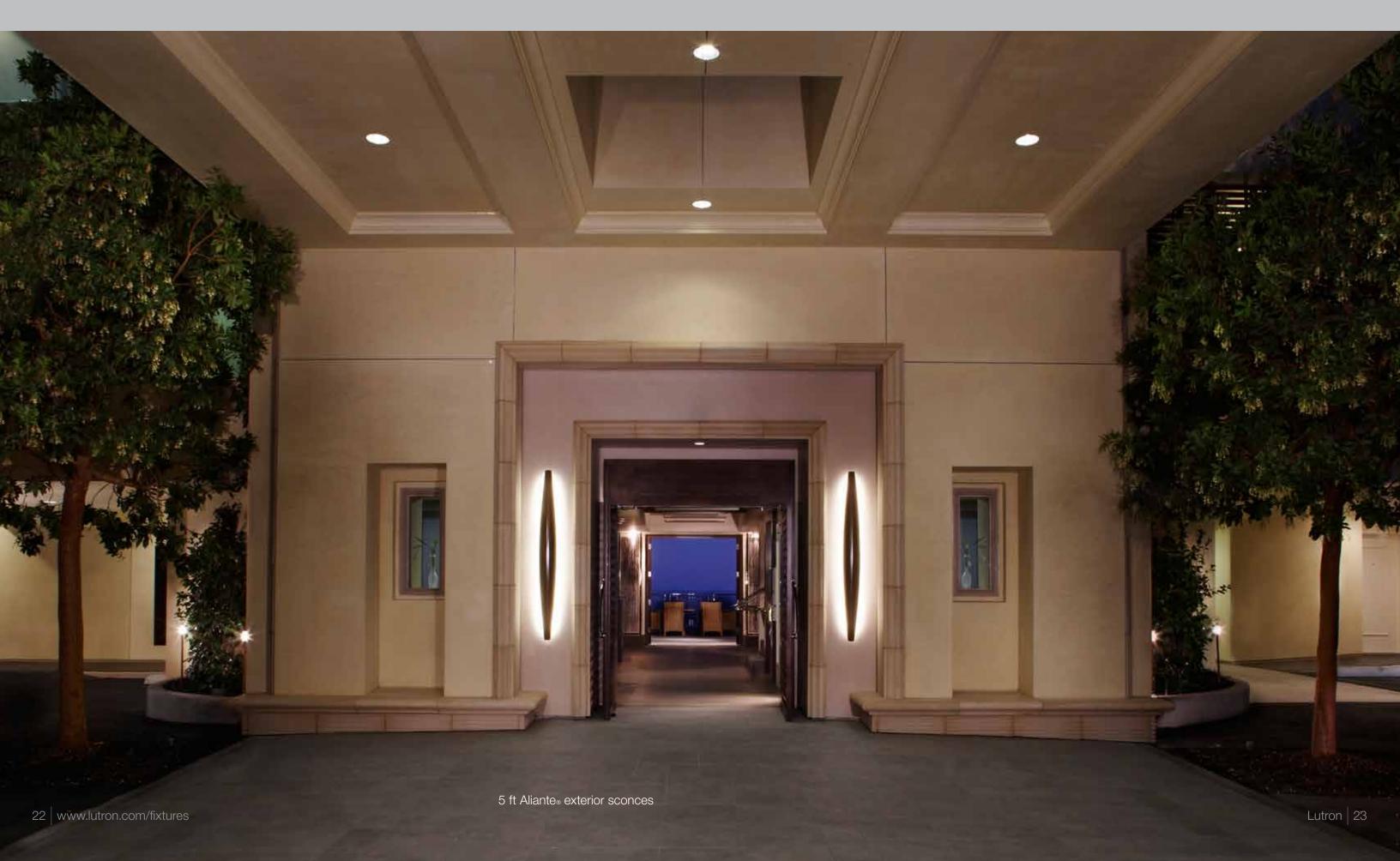
WH = Matte White

Alternate lens types and custom options available. Contact fixtures customer service at fixtures@lutron.com.

¹ 5% dimming, 2ft x 2ft only

² Emergency ballast "option" is determined by "lamp type"

The Ivalo_® Collection





Designed by Stefano Casciani, the Aliante pendant is a direct/indirect sculptural linear fluorescent or LED luminaire that works in a variety of areas in both commercial and residential applications.

Features and capacities

- Canopy and aesthetic shell: Constructed using stamped aluminum
- · Inner reflector: Mirrored aluminum
- Suspension: Streamlined cable system that integrates an insulated current-carrying wire with exterior braided stainless steel sheath. UL approved. Adjustable for up to a 12 ft/366 cm or 16 ft/488 cm high ceiling. Longer lengths available upon request. Pole versions also available.
- Lens (direct/indirect only): Translucent acrylic
- LED: 95 CRI in 2700 K, 3000 K, or 3500 K
- Fluorescent lamp: 1 or 2 54 W T5 HO or 28 W T5 HE fluorescent lamp (not included)
- · Sockets: Twist-lock installation
- Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4 in (10 cm) octagonal or round supplied by others. Requires fixture brace for suspended ceilings.
- Weight: Cable version–12lbs (5.5kg)

Typical applications

- · Commercial: Boardrooms, video conferencing rooms, executive offices and dining rooms, reception, bar, cash register areas, art spaces
- Residential: Kitchen island (not for use over cooktop or grill); kitchen table, dining room, home office, and wet bar

Dimensions and mounting

- · Mounting: Chassis mounting system for easy installation
- Length: 4 ft and 5 ft (121.92 and 152.4 cm)

Color

· Automotive paint interior only (available in gloss and matte finishes)

Related components

 Grille option kit: Includes clear or frosted polycarbonate disks coated with a silicone hardcoat and tension rods with spacers. Order this kit separately from the main unit

> Technical documents available at www.lutron.com/ivalo.

How to order an Aliante pendant

Example model number

Α	Р	Ν	60	L	35	2	2	3	\bigcup	GT	МΊ
1	2	3	4	5	6	7	8	9	10	11	12

Fixture Options

- 1 Family
 - A = Aliante
- Fixture type
 - P = Pendant
- **Light orientation**
 - N = Indirect
 - **D** = Direct/Indirect
- Length
 - 48 = 48 in (4 ft)
 - 60 = 60 in (5 ft)
- Lamps
 - 1 = 1 Lamp
 - 2 = 2 Lamp
 - L = LEDs, 95 CRI
- Lamp type
 - $27^1 = 44 \text{ W} 1670 \text{ Im } (4 \text{ ft}), 57 \text{ W}$ 2200 lm (5 ft), 2700 K
 - $30^1 = 44 \text{W} 1670 \text{Im} (4 \text{ ft}), 57 \text{W}$ 2200 lm (5 ft), 3000 K
 - $35^1 = 44 \text{W} 1670 \text{Im} (4 \text{ ft}), 57 \text{W}$ 2200 lm (5 ft), 3500 K
 - **2F** = 28 W, 4ft T5HE FI
 - $3F^2 = 35 W$, 5ft T5HE FI
 - **5F** = 54 W, 4 ft T5HO FI
 - $8F^3 = 80W, 5ft T5HO FI$
- Voltage
 - $2 = 120 V \sim$
 - $3^4 = 347 \, \text{V} \sim$
 - $4 = 220 V \sim /240 V \sim$
 - **7** = 277 V∼

Custom color, hanging, and fixture options available. Contact fixtures customer service at fixtures@lutron.com.

Suspension

- 2 = Cable 12 ft Ceiling
- 6 = Cable 16 ft Ceiling
- **P** = Pole

Control option

- N = Non-Dim
- $2^5 = 1\% \text{ 2-Wire}$
- 3 = 1% 3-Wire
- E = 1% EcoSystem

Region

- **U** = UL North America
- I = International

Canopy finish 12 Shell finish

- **GT** = Gloss Titanium MT = Matte Titanium
- **GG** = Gloss Graphite MG = Matte Graphite
- **GS** = Gloss Slate **MS** = Matte Slate
- GC = Gloss Copper MC = Matte Copper
- **GF** = Gloss Flame **MF** = Matte Flame
- **GL** = Gloss Lapis **ML** = Matte Lapis
- **GE** = Gloss Ebony **ME** = Matte Ebony
 - MA = Matte Arctic White
- **GA** = Gloss Arctic White **GP** = Gloss Pearl White
 - **MP** = Matte Pearl White
- **AN** = Brushed Anodized Clear
- AB = Brushed Anodized Black
- **PS** = Silver
- **PM** = Metallic Silver
- **PB** = Bronze
- ¹ LED only
- ² 10% dimming
- ³ Non-dim only
- ⁴ T5/non-dim only
- ⁵ LED/120 V∼ only



The Daedalus pendant is a direct sculptural halogen or LED luminaire designed by the Audi Design Center California. Its dynamic helix aesthetic communicates the pendant's mobility.

Features and capacities

- · Canopy: Constructed using cast aluminum
- Sculptural frame: Constructed using cast aluminum and stainless steel elements
- Blades: Translucent glass
- Suspension: Stainless steel aircraft cables.
 Adjustable for up to a 12ft/366 cm or 16ft/488 cm high ceiling. Longer lengths available upon request.
 Pole versions also available.
- Lamp: Eight 20 W Max MR-11 low-voltage halogen or LED (not included)
- Controls: Four 60 W ELV transformers, dimmable with ELV dimmer
- Junction box: 4 in (10 cm) octagonal or round, supplied by others
- Weight: 36 lbs (16 kg). Requires fixture brace for suspended ceilings

Typical applications

 Lobbies, atriums, boardrooms, conference rooms, video conferencing rooms, executive offices, dining rooms

Dimensions and mounting

- Mounting: Ceiling mounted hanging system for easy installation
- Length: 5ft (152.4cm)

Color

 Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at **www.lutron.com/ivalo**.

How to order a Daedalus pendant

Example model number

D P D 60 8 M2 2 2 2 U GT MT 1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

- 1 Family
 - **D** = Daedalus
- Fixture type
 P = Pendant
- Light orientation
 - **D** = Direct/Indirect
- 4 Length
 - 60 = 60 in (5 ft)
- 5 Lamps
 - 8 = 8 Lamp
- 6 Lamp type
 - M2¹ = MR11 Halogen or LED
- Voltage
 - **2** = 120 V~
- 8 Suspension
 - 2 = Cable 12ft Ceiling
 - 6 = Cable 16ft Ceiling
- Gontrol option
 - $2^{1} = 1\% 2$ -Wire

10 Region

U = UL – North America

Canopy finish 12 Shell finish

GT = Gloss Titanium **MT** = Matte Titanium **GG** = Gloss Graphite **MG** = Matte Graphite **GS** = Gloss Slate MS = Matte Slate MC = Matte Copper GC = Gloss Copper **GF** = Gloss Flame **MF** = Matte Flame **GL** = Gloss Lapis ML = Matte Lapis **GE** = Gloss Ebony **ME** = Matte Ebony **GA** = Gloss Arctic White MA = Matte Arctic White **GP** = Gloss Pearl White **MP** = Matte Pearl White

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

1 LED non-dim only



William Pederesen designed the L'ale pendant, a direct sculptural compact fluorescent or LED luminaire that was created to be hung singly or in multiples at uniform height.

Features and capacities

- · Canopy: Constructed using machined and cast aluminum
- Fixture shell: Constructed using fiber reinforced resin with an interior ballast housing chamber
- · Suspension: Streamlined cable system that integrates an insulated current-carrying wire with exterior braided stainless steel sheath. Adjustable for up to a 12 ft/366 cm (standard) and 16 ft/488 cm (option) high ceiling. Longer lengths available upon request.
- · Lens: Translucent acrylic
- LED: 95 CRI in 2700 K, 3000 K, or 3500 K
- CFL: Two 42W triple tube compact fluorescent lamps (CFLs not included)
- Sockets: Twist-lock installation
- Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4 in (10 cm) octagonal or round supplied by others
- Weight: 12lbs (5.5kg) Technical documents available at www.lutron.com/ivalo

Typical applications

· Lobbies, atriums, boardrooms, conference rooms, video conferencing rooms, executive offices, and dining rooms

Dimensions and mounting

- · Mounting: Chassis mounting system for easy installation. Requires fixture brace for suspended ceilings.
- Length: 4ft 8in (146.304cm)

Color

 Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at www.lutron.com/ivalo.

How to order a L'ale pendant

Example model number

35 MT 6 12

Fixture Options

- **Family**
 - L = L'ale
- Fixture type **P** = Pendant
- **Light orientation**
 - **D** = Indirect
- Length
 - 56 = 56 in (4 ft 8 in)
- Lamps
 - $2^1 = 2 \text{ Lamp}$
 - L^2 = LEDs, 95 CRI
- Lamp type
 - **27**² = 35 W, 1640 lm, 2700 K
 - $30^2 = 35 \text{W}, 1640 \text{Im}, 3000 \text{K}$
 - $35^2 = 35 \text{ W}, 1640 \text{ Im}, 3500 \text{ K}$
 - $4F^{1} = 42W CFL$
- Voltage
 - **2** = 120 V~
 - $4 = 220 V \sim /240 V \sim$
 - **7** = 277 V∼
- Suspension
 - 2 = Cable 12ft Ceiling
 - 6 = Cable 16ft Ceiling

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

- **Control option**
 - N = Non-Dim
 - $2^3 = 1\% 2$ -Wire
 - $3^4 = 1\% 3$ -Wire
 - E = 1% EcoSystem
- Region
 - **U** = UL North America
 - I = International
- 11 Canopy finish 12 Shell finish

GP = Gloss Pearl White

GT = Gloss Titanium **MT** = Matte Titanium **MG** = Matte Graphite **GG** = Gloss Graphite **GS** = Gloss Slate MS = Matte Slate GC = Gloss Copper MC = Matte Copper

MF = Matte Flame **GF** = Gloss Flame

GL = Gloss Lapis **ML** = Matte Lapis

GE = Gloss Ebony **ME** = Matte Ebony

GA = Gloss Arctic White MA = Matte Arctic White

¹ CFL only

- ² LED only 3 LED/120 V \sim only
- ⁴ CFL is 5% dimmina

MP = Matte Pearl White



Designed by Lewis. Tsurumaki. Lewis Architects, the Rotare pendant is a direct/indirect sculptural linear fluorescent or LED luminaire that distributes light broadly and smoothly.

Features and capacities

- · Canopy: Chassis in Dark Grey. Cover in Matte **Automotive Paint**
- Fixture shell: Constructed using stamped steel
- Inner reflector: Mirrored aluminum
- Suspension: Streamlined cable system that integrates an insulated current-carrying wire with exterior braided stainless steel sheath. UL approved. Adjustable for up to a 12 ft/366 cm or 16ft/488 cm high ceiling. Longer lengths available upon request. Pole versions also available.
- Lens: 0.020 in (.5 mm) thick white translucent acrylic film
- LED: 95 CRI in 2700 K, 3000 K, or 3500 K
- Fluorescent lamp: Two 54W T5 HO or 28W T5 HE fluorescent lamps (not included)
- · Sockets: Twist-lock installation
- Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options

- Junction box: 4 in (10 cm) octagonal or round supplied by others. Requires fixture brace for suspended ceilings.
- Weight: 21 lbs (8.2 kg)

Typical applications

Boardrooms, video conferencing rooms, executive offices and dining rooms, reception, bar, cash register areas, and art spaces

Dimensions and mounting

- Mounting: Proprietary chassis mounting system for easy installation
- Length: 4ft 4in (134.11 cm)

Color

· Automotive paint interior only (available in gloss and matte finishes)

Technical documents available at www.lutron.com/ivalo.

How to order a Rotare pendant

Example model number

MT 6 12

Fixture Options

Family

 \mathbf{R} = Rotare

Fixture type **P** = Pendant

Light orientation

D = Direct/Indirect

Length

48 = 48 in (4 ft)

Lamps

 $2^1 = 2 \text{ Lamp}$

 L^2 = LEDs, 95 CRI

Lamp type

27² = 85 W, 3400 lm, 2700 K

 $30^2 = 85 \text{ W}, 3400 \text{ Im}, 3000 \text{ K}$

 $35^2 = 85 \text{ W}, 3400 \text{ Im}, 3500 \text{ K}$

available. Contact fixtures customer

service at fixtures@lutron.com.

2F = 28 W, 4ft T5HE FI

5F = 54W, 4ft T5HO FI

Voltage

 $2 = 120 V \sim$

 $4 = 220 V \sim /240 V \sim$

7 = 277 V∼

Suspension

2 = Cable 12 ft Ceiling

6 = Cable 16 ft Ceiling

Control option

N = Non-Dim

 $2^3 = 1\% 2$ -Wire

3 = 1% 3-Wire

E = 1% EcoSystem

Region

U = UL – North America

I = International

11 Canopy finish 12 Shell finish

GT = Gloss Titanium

GG = Gloss Graphite

GS = Gloss Slate

MC = Matte Copper

GC = Gloss Copper

MF = Matte Flame **GF** = Gloss Flame

GL = Gloss Lapis

ML = Matte Lapis

GE = Gloss Ebony

GA = Gloss Arctic White MA = Matte Arctic White

MT = Matte Titanium

MG = Matte Graphite

MS = Matte Slate

ME = Matte Ebony

MP = Matte Pearl White

GP = Gloss Pearl White

PS = Silver

PM = Metallic Silver

PB = Bronze

Custom color, hanging, and fixture options

30 www.lutron.com/fixtures Lutron 31

¹ T5 only

² LED only

³ LED/120 V∼ only



The Aliante Sconce is a wall mounted, direct/indirect or indirect sculptural linear fluorescent or LED luminaire designed by Stefano Casciani, which can be mounted vertically, horizontally, or at an angle.

Features and capacities

- Fixture shell: Constructed using stamped aluminum
- · Inner reflector: Mirrored aluminum
- Lens (direct/indirect only): Translucent acrylic
- LED: 95 CRI in 2700 K, 3000 K, or 3500 K
- Fluorescent lamp: 1 or 2 54 W T5 HO or 28 W T5 HE fluorescent lamp (not included)
- · Sockets: Twist-lock installation
- Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4 in (10 cm) octagonal or round supplied by others
- Weight: 11 lbs (5 kg)
- ADA compliant: Designed to protrude less than 4 in from the wall

Typical applications

- Commercial: Elevator and office lobbies, hallways, stairwells, reception areas, executive offices, flanking or crowning doorways
- Residential: Entry halls, stairwells, flanking or crowning doorways

Dimensions and mounting

- Stainless Steel wall mounting system and paper template for easy installation. Side hinges with captured locking screws for easy lamp replacement. For wall mounting only
- Length: 48 in and 60 in (121.92 cm and 152.4 cm)

Color

 Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at **www.lutron.com/ivalo**.

How to order an Aliante sconce

Example model number

A E N 60 L 35 2 W 2 U PS MT 1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

1 Family

A = Aliante

2 Fixture type

N = Interior Sconce

 \mathbf{E}^1 = Exterior Sconce

3 Light orientation

N = Indirect

D = Direct/Indirect

Length

48 = 48 in (4 ft)

60 = 60 in (5 ft)

Lamps

1 = 1 Lamp

L = LEDs, 95 CRI

Lamp type

27² = 44 W 920 lm (4 ft), 57 W 1090 lm (5 ft), 2700 K

 $30^2 = 44 \text{ W} 920 \text{ Im } (4 \text{ ft}), 57 \text{ W}$ 1090 Im (5 ft), 3000 K

 $35^2 = 44 \text{ W} 920 \text{ Im } (4 \text{ ft}), 57 \text{ W}$ 1090 Im (5 ft), 3500 K

2F = 28 W, 4ft T5HE FI

 $3F^3 = 28W$, 4ft T5HE FI

5F = 54W, 4ft T5HO FI

 $8F^1 = 54 \text{ W}, 4 \text{ ft T5HO FI}$

Voltage

 $2 = 120 V \sim$

 $3^4 = 347 \, \text{V} \sim$

 $4 = 220 V \sim /240 V \sim$

7 = 277 V∼

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

Suspension

W = Wall Mount

Gontrol option

N = Non-Dim

 $2^5 = 1\% \text{ 2-Wire}$

3 = 1% 3-Wire

E = 1% EcoSystem

10 Region

U = UL - North America

I = International

Chassis finish

PS = Silver

Shell finish

GT = Gloss Titanium **MT** = Matte Titanium

GG = Gloss Graphite

MG = Matte Graphite
MS = Matte Slate

GS = Gloss Slate

GC = Gloss Copper MC = Matte Copper

GF = Gloss Flame

MF = Matte Flame

GL = Gloss Lapis

ML = Matte Lapis

GE = Gloss Ebony

ME = Matte Ebony

GA = Gloss Arctic White **GP** = Gloss Pearl White

MA = Matte Arctic White

MP = Matte Pearl White

AN = Brushed Anodized Clear

AB = Brushed Anodized Black

AB = Drusi leu Ariouizeu Diacr

PS = Silver

PM = Metallic Silver

PB = Bronze

¹ Non-dim only

² LED only

3 10% dimming

⁴ T5/non-dim only

⁵ LED/120 V∼ only



Another sculptural luminaire by Stefano Casciani, the Aliante demi-sconce is an indirect or direct/indirect (slotted) fixture that lends a touch of elegance to any space with various lamp options.

Features and capacities

- Fixture shell: Constructed using stamped aluminum
- · Lamp: One 26 W, 32 W, or 42 W triple tube (CFL) or 60 W incandescent lamp (not included), or 95 CRI LEDs in 2700 K, 3000 K, or 3500 K
- Sockets: Twist-lock for CFL configuration. Medium base screw-in for incandescent configuration. LED module is hard-wired and designed to last the lifetime of the fixture.
- · Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4 in (10 cm) octagonal, rectangular or round supplied by others
- Weight: CFL, LED 4.5 lbs (2.1 kg), Incandescent -3.6lbs (1.6kg)
- ADA compliant: Designed to protrude less than 4 in from the wall

Typical applications

· Building, elevator, and office lobbies, hallways, stairwells, reception areas, executive offices, entry halls, and theaters, as well as flanking doorways, windows, artwork, and fireplaces

Dimensions and mounting

- Mounting: Aluminum wall mounting system with multiple mounting holes for easy installation and lamp replacement. Locking screw keeps cover shell tightly fastened. Standard plate is painted white but can be painted to match housing shell. ADA compliant. Designed to protrude less than 4 in (10 cm) from wall. For wall mounting only.
- Length: 21 in and 27 in (533.4 and 685.8 mm)

Color

 Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at www.lutron.com/ivalo.

How to order an Aliante demi-sconce

Example model number

GT 5 6 12

Fixture Options

1 Family

A = Aliante

Fixture type

N = Interior Sconce

E¹ = Exterior Sconce

3 Light orientation

N = Indirect

 $D^2 = Direct/Indirect$

Length

 $21^2 = 21 \text{ in}$

 $27^3 = 27 \text{ in}$

Lamps

1 = 1 Lamp

L = LEDs, 95 CRI

Lamp type

 $27^4 = 11 \text{ W } 270 \text{ Im } (21 \text{ in}), 14 \text{ W}$ 300 lm (27 in), 2700 K

 $30^4 = 11 \text{ W } 270 \text{ Im } (21 \text{ in}), 14 \text{ W}$ 300 lm (27 in), 3000 K

 $35^4 = 11 \text{ W } 270 \text{ Im } (21 \text{ in}), 14 \text{ W}$ 300 lm (27 in), 3500 K

2F = 26W CFL

3F = 32W CFL

4F = 42 W CFL

Voltage

2 = 120 V~

 $4 = 220 V \sim /240 V \sim$

7 = 277 V∼

Custom color, hanging, and fixture options available. Contact fixtures customer service at fixtures@lutron.com.

Suspension

W = Wall Mount

Control option

N = Non-Dim

 $2^5 = 1\% \text{ 2-Wire}$

 $3^6 = 1\% 3$ -Wire

E⁶ = 1% EcoSystem

Region

U = UL - North America

I = International

Chassis finish

WH = White

Shell finish

GT = Gloss Titanium

GE = Gloss Ebony

MT = Matte Titanium

MG = Matte Graphite **GG** = Gloss Graphite

GS = Gloss Slate MS = Matte Slate

GC = Gloss Copper MC = Matte Copper

GF = Gloss Flame **MF** = Matte Flame

GL = Gloss Lapis **ML** = Matte Lapis **ME** = Matte Ebony

GA = Gloss Arctic White MA = Matte Arctic White

GP = Gloss Pearl White **MP** = Matte Pearl White

AN = Brushed Anodized Clear

AB = Brushed Anodized Black

PS = Silver

PM = Metallic Silver

PB = Bronze

¹ Non-dim only

3 Indirect only

⁴ LED only

² Interior only

⁵ LED/120 V∼ only

⁶ CFL is 5% dimming



Designed by Roger Duffy, the Silvus sconce is a compelling indirect/direct LED luminaire for interior or exterior spaces.

Features and capacities

- · Fixture shell: Constructed using fabricated steel
- · Lens: Translucent acrylic
- Lamp: 20 W Max of DMX controllable white or RGB LEDs
- Controls: 120 V~ and 277 V~ DMX control of individual LEDs (WL, RG lamp codes only).
 Non-dimming (RL, GL, BL, AL lamp codes only) 120 V~ and 277 V~. Requires a Color Kinetics iPlayer3 for pulse and/or color changing operation (Model#: IPLAYER-S).
- Junction box: 4 in (10 cm) octagonal or round recessed, supplied by others
- Weight: 25 lbs (11.36 kg)

Typical applications

 Flanking elevators and columns, in reception areas, and between windows

Dimensions and mounting

- Mounting: Steel wall mounting system with mounting plate. For wall mounting only
- Silvus 24: Length 24 in (609.6 mm) can be stacked to create 48 in and 72 in sconces
- Silvus 30: Length 30 in (762 mm) can be stacked to create 60 in and 90 in sconces

Color

 Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at **www.lutron.com/ivalo**.

How to order a Silvus sconce

Example model number

S N D 48 L RL 2 W N U BL GT
1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

- 1 Family
 - **S** = Silvus
- Fixture type
 - N = Interior Sconce
 - E = Exterior Sconce
- Light orientation
 - **D** = Direct/Indirect

4 Length Silvus 24	Length Silvus 30
24 = 24 in	30 = 3 in
48 = 48 in	60 = 60 in
72 = 72 in	90 = 90 in

- 5 Lamps
 - L = LEDs
- Lamp type
 - $AL^1 = 20 W$, Amber
 - $BL^1 = 20 W$, Blue
 - GL¹ = 20W, Green
 - $RL^1 = 20W$, Red
 - **WL** = 20W, 2700K
 - RG = 12W, RGB Color Changing
- Voltage
 - **2** = 120 V~
 - $4 = 220 V \sim /240 V \sim$
 - **7** = 277 V∼

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

- 8 Suspension
 - W = Wall Mount
- Gontrol option
 - N = Non-Dim
 - $P^2 = Pulse$
- 10 Region
 - **U** = UL North America
 - I = International
- 11 Chassis finish
 - **BL** = Black

12 Shell finish

- GT = Gloss Titanium
 GG = Gloss Graphite
 GS = Gloss Slate
 MT = Matte Titanium
 MG = Matte Graphite
 MS = Matte Slate
- GC = Gloss Copper MC = Matte Copper

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- **GL** = Gloss Lapis **ML** = Matte Lapis
- **GE** = Gloss Ebony **ME** = Matte Ebony
- GA = Gloss Arctic WhiteGP = Gloss Pearl WhiteMP = Matte Pearl White
- **PS** = Silver
- PM = Metallic Silver
- **PB** = Bronze

¹ Non-dim only

² Required for RGB (RG) lamp type



The L'ale sconce, designed by William Pedersen, is a direct/indirect sculptural LED luminaire with an elegant, sleek design.

Features and capacities

- Fixture shell: Constructed using cast aluminum
- Lamp: 95 CRI in 2700 K, 3000 K, or 3500 K LEDs
- Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4 in (10 cm) octagonal or round, supplied by others
- Weight: 6 lbs (2.7 kg)
- ADA compliant: Designed to protrude less than
 4 in from the wall

Typical applications

 Building, elevator and office lobbies, hallways, stairwells, reception areas, executive offices, and for flanking doorways

Dimensions and mounting

- Mounting: Steel wall mounting system with multiple mounting holes for easy installation. Locking screw keeps fixture tightly fastened. Vertical mount only. ADA compliant, designed to protrude less than 4 in (10 cm) from wall. For wall mounting only.
- Length: 27 in (685.8 mm)

Color

 Automotive paint interior only (available in gloss and matte finishes)

Technical documents available at **www.lutron.com/ivalo**.

How to order a L'ale sconce

Example model number

L N D 27 L 35 2 W 2 U BL GT
1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

- 1 Family
 - L = L'ale
- Fixture type

N = Interior Sconce

- 3 Light orientation
 - **D** = Direct/Indirect
- 4 Length
 - 27 = 27 in
- 5 Lamps
 - L = LEDs. 95 CRI
- 6 Lamp type
 - 27 = 14 W, 260 Im, 2700 K
 - 30 = 14 W, 260 lm, 3000 K
 - **35** = 14 W, 260 lm, 3500 K
- Voltage
 - **2** = 120 V~
 - $4 = 220 V \sim /240 V \sim$
 - **7** = 277 V∼

8 Suspension

W = Wall Mount

Gontrol option

- N = Non-Dim
- $2^1 = 1\% 2$ -Wire
- **3** = 1% 3-Wire
- **E** = EcoSystem
- 10 Region
 - **U** = UL North America
 - I = International

GE = Gloss Ebony

- Chassis finish
 - **BL** = Black

Shell finish

GT = Gloss Titanium
 GG = Gloss Graphite
 GS = Gloss Slate
 MT = Matte Titanium
 MG = Matte Graphite
 MS = Matte Slate

GC = Gloss Copper MC = Matte Copper

GF = Gloss Flame **MF** = Matte Flame

GL = Gloss Lapis **ML** = Matte Lapis

GA = Gloss Arctic White MA = Matte Arctic White

GP = Gloss Pearl White **MP** = Matte Pearl White

ME = Matte Ebony

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

¹ 120V~ only



Lewis. Tsurumaki. Lewis Architects designed the Rotare sconce, an indirect sculptural linear fluorescent and LED luminaire that can be mounted horizontally.

Features and capacities

- · Fixture shell: Constructed using stamped steel
- Inner reflector: Mirrored aluminum
- LED: 95 CRI in 2700 K, 3000 K, or 3500 K
- Fluorescent lamp: One 54W T5 HO or 28W T5 HE fluorescent lamp (not included)
- Sockets: Twist-lock installation
- · Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: Horizontal switch box or 4 in (10 cm) octagonal or round junction box. The included optional cover panel may be removed when fixture is supplied from a smaller junction box
- Weight: 8.5 lbs (3.9 kg)
- · ADA compliant: Designed to protrude less than 4 in from the wall

Typical applications

· Building, elevator, and office lobbies, hallways, stairwells, reception areas, and executive offices.

Dimensions and mounting

- Mounting: Steel wall mounting system for easy lamp replacement. For wall mounting only.
- Length: 4ft 4in (134.11 cm)

Color

 Automotive paint interior only (available in gloss and matte finishes)

Technical documents available at www.lutron.com/ivalo.

How to order a Rotare sconce

Example model number

35 BL GT 10 5 6 12

Fixture Options

Family

 \mathbf{R} = Rotare

Fixture type

N = Interior Sconce

Light orientation

N = Indirect

Length

48 = 48 in

Lamps

 $1^{1} = 1 \text{ lamp}$

L = LEDs, 95 CRI

Lamp type

27² = 40 W, 2040 lm, 2700 K

 $30^2 = 40 \text{ W}, 2040 \text{ Im}, 3000 \text{ K}$

 $35^2 = 40 \text{ W}, 2040 \text{ Im}, 3500 \text{ K}$

Custom color, hanging, and fixture options

available. Contact fixtures customer

service at fixtures@lutron.com.

2F = 28 W, T5HE FI

5F = 54 W, T5HO FI

Voltage

2 = 120 V~

 $4 = 220 V/240 V \sim$

7 = 227 V∼

Suspension

W = Wall Mount

Control option

N = Non-Dim

 $2^3 = 1\% 2$ -wire

3 = 1% 3-wire

E = EcoSystem

Region

U = UL - North America

I = International

Chassis finish

BL = Black

Shell finish

GT = Gloss Titanium

GG = Gloss Graphite

GS = Gloss Slate

GC = Gloss Copper

GF = Gloss Flame

GL = Gloss Lapis

GE = Gloss Ebony

GA = Gloss Arctic White

GP = Gloss Pearl White

PS = Silver

PM = Metallic Silver

PB = Bronze

MT = Matte Titanium **MG** = Matte Graphite

MS = Matte Slate MC = Matte Copper

MF = Matte Flame

ML = Matte Lapis

ME = Matte Ebony

MA = Matte Arctic White

MP = Matte Pearl White

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¹ T5 only

² LED only

3 LED/120 V∼ only 40 www.lutron.com/fixtures



Winka Dubbeldam designed the Inflection sconce, an indirect sculptural compact fluorescent or LED luminaire that can be wall or ceiling (flush) mounted.

Features and capacities

- · Fixture housing shell: Constructed using frosted vacuum-formed polycarbonate and a stamped aluminum inset
- LED: Red, green, blue, amber or white (2700 K or 3500 K)
- CFL: One 42W triple tube compact fluorescent lamp (not included)
- · Sockets: Twist-lock for CFL configuration. LED module is hard-wired and designed to last the lifetime of the fixture
- · Controls: EcoSystem™, 3-wire, 2-wire, and non-dim options
- Junction box: 4in (10cm) octagonal, round, or rectangular switch box supplied by others
- Weight: 5.2 lbs (2.3 kg)
- ADA compliant: Designed to protrude less than 4 in from the wall

Typical applications

· Building, elevator, office lobbies, hallways, stairwells, reception areas, and executive offices, as well as flanking doorways, entry halls, and theaters

Dimensions and mounting

- · Mounting: Steel wall mounting system with multiple mounting holes for easy installation and lamp replacement
- · Locking screws keeps cover shell tightly fastened.
- · ADA compliant. Designed to protrude less than 4 in (10 cm) from wall. For wall mounting or flush mounted ceiling fixture (LED only).
- Length: 23 in (584.2 mm)

Color

· Automotive paint interior only (available in gloss and matte finishes), powder coat (required for exterior applications)

Technical documents available at www.lutron.com/ivalo.

How to order an Inflection sconce

Example model number

GT 5 6 12

Fixture Options

Family

N = Inflection

Fixture type

N = Interior Sconce

Light orientation

N = Indirect

Length

23 = 23 in

Lamps

 $1^{1} = 1 \text{ lamp}$

L = LEDs. 95 CRI

Lamp type

 $42^1 = 42 \text{ W CFL}$

 $AL^2 = 12 W$, Amber

 $BL^2 = 12W$, Blue

GL² = 12 W, Green

 $RL^2 = 12W$, Red

 $NL^2 = 12W.3500K$

 $WL^2 = 12W, 2700K$

Voltage

 $2 = 120 V \sim$

 $4 = 220 V \sim /240 V \sim$

7 = 277 V∼

Suspension

W = Wall Mount

Control option

N = Non-Dim

 $2^3 = 1\% 2$ -wire

 $3^4 = 1\%$ Dim 3-Wire

 $E^4 = EcoSystem$

Region

U = UL – North America

I = International

Chassis finish

WH = White

Shell finish

GT = Gloss Titanium

GG = Gloss Graphite

GS = Gloss Slate

GC = Gloss Copper

GF = Gloss Flame

GL = Gloss Lapis

GE = Gloss Ebony

GA = Gloss Arctic White

GP = Gloss Pearl White

PS = Silver

PM = Metallic Silver

PB = Bronze

MC = Matte Copper **MF** = Matte Flame

MT = Matte Titanium

MG = Matte Graphite

MS = Matte Slate

ML = Matte Lapis

ME = Matte Ebony

MA = Matte Arctic White

MP = Matte Pearl White

¹ CFL only

² LED only

³ LED/120 V∼ only

⁴ CFL is 5% dimming

Custom color, hanging, and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

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Linear Lighting | Lumaris_™ LED linear lighting

Lumaris™ linear lighting delivers high-quality, uninterrupted, clean lines of LED illumination with flicker-free dimming down to 0.1%. Its low profile and various lengths provide flexibility for a range of linear and radial applications.

Features and capacities

- Standard Lutron® UL® Listed Hi-lume® 1% LED drivers deliver continuous, flicker-free dimming from 100% down to 1% of measured light output
- Hi-lume Premier 0.1% Voltage LED driver with Soft-on, Fade-to-Black™ option allows for quality, smooth, continuous dimming from 100% to 0.1%
- 50,000 hours rated LED system life (LED and driver).
- 95 CRI in 2700 K, 3000 K, or 3500 K
- 24 V=== constant voltage input
- Plastic removable end caps with aluminum extruded body
- Diffused, frosted or clear lens
- · Low profile design
- · Indoor applications only
- Mounting hardware included.
- Standard 6 ft (1.8 m) 18 AWG (1.0 mm²) cord included
- Available in 5W / ft LED option
- UL and cUL Listed

Typical applications

Coves, under cabinets, under shelves, under counters, and paths/steps

Dimensions and mounting

Mounting:

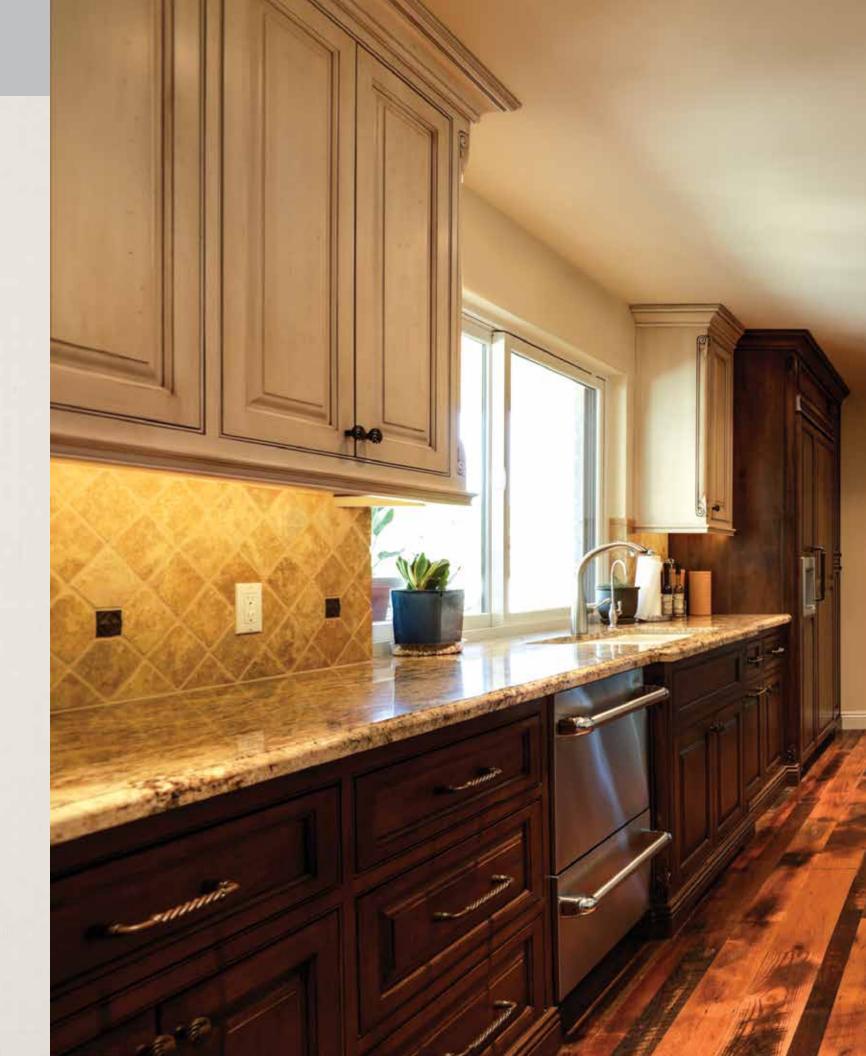
- Surface
- 30/60° angle bracket

Housing:

- · Height: 0.5 in (13 mm) for clear and frosted 0.7" (XX mm) for diffused
- Length: 6, 12, 18, 24, 36 or 48 in
- Width: 1.25 in (32 mm)

Color

· Aluminum anodized finish available in silver, black, brown, and white.



How to order Lumaris LED Linear Lighting

Example model number

LU L F 12 L 35 X S X U XX SI
1 2 3 4 5 6 7 8 9 10 11 12

Fixture Options

1 Family

LU = Lumaris

₂ Type

L = Linear

Lens

F = Frosted

C = Clear

D = Diffused

4 Length

06 = 6 in (152 mm) (2.5 W)

12 = 12 in (305 mm) (5.0 W)

18 = 18 in (457 mm) (7.5 W)

24 = 24 in (610 mm) (10.0 W)

36 = 36 in (914 mm) (15.0 W)

48 = 48 in (1219 mm) (20.0 W)

5 LEDs

L = LEDs, 95 CRI

6 Lamp type

27 = 5 W/ft, 250-300 lm/ft, 2700 K

30 = 5 W/ft, 250-300 Im/ft, 3000 K

35 = 5 W/ft, 250-300 lm/ft, 3500 K

Voltage

X = 24 V===

Mounting

S = Surface

Control option

X = Standard dimming (to choose number of drivers see UL Listed LED Driver Kit)

10 Region

U = UL – North America

11 Bracket

XX = Standard

AM = Angle mount 30°/60°

12 Shell finish

SI = Silver

BL = Black

WH = White

BR = Brown

UL Listed LED Driver Kit

Example model number

Product

FXD1² = Fixtures Driver

Driver type

40 = 40W Hi-lume_® 1% Driver

96 = 96 W Hi-lume Premier 0.1% Driver with Soft-on, Fade-to-Black_{TM}

4

3 Region

U = UL Listed (North America)

☐ Control options

 $F1^3 = 2 \text{ wire, } 120 \text{ V} \sim$

3U = 3 wire, $120/277 \,\text{V} \sim$

EU = EcoSystem, 120/277 V∼

How to build a UL Listed Driver Model#:

- 1. Calculate the total fixture wattage per zone.
- 2. Select LED Driver Kit with wattage ≥ total calculated above.
- 3. Repeat process for each zone.

Note: Minimum of 5W or 12 in is required for 40W driver and a minimum of 25W or 5 ft for 96W driver.

Visit **www.lutron.com/lumarisdesignguide** for more details.

Custom color and fixture options available. Contact fixtures customer service at **fixtures@lutron.com**.

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¹ Length does not include end caps, see specification sheet for details www.lutron.com/lumaris

² Go to www.lutron.com/hilumeled for additional driver information

^{3 40} W driver only

Recessed Lighting | Finiré LED recessed lighting





Finiré eliminates guesswork by ensuring 100% compatibility between LED fixtures, drivers, and controls. It is available in 15W-22W models. Finiré comes with high-quality Xicato_® LEDs with high performing smooth, flicker-free dimming.

Features and capacities

- · High-quality Xicato LED modules standard, 98 CRI and 83 CRI options
- Standard Lutron Hi-lume_® 1% 2-wire and 3-wire LED drivers and Hi-lume 1% EcoSystem™ LED driver with Soft-on, Fade-to-Black™ delivers continuous, flicker-free dimming from 100% down to 1%
- · All LED modules with integrated heat sink and drivers are field replaceable and upgradable as technology improves
- 50,000 hours rated LED system life (LED and driver)
- Trim supports a variety of lens options
- Meets airtight construction requirements for 2.0 CFM or less air leakage
- Frame constructed of 20 gallon steel
- Supplied with 14 in 24 in (35.56-60.96 cm) adjustable bar hangers
- UL and cUL Listed

Typical applications

Conference rooms, offices, and residences

Dimensions and mounting

Mounting:

- T-bar (trimmed models only)
- Gypsum (trimmed or trimless)
- Wood/stone (trimless 3 in models only)

Color

3 in trims:

· Matte white, matte black, silver, bronze, silver/white, clear anodized/white, clear chrome/white, black chrome/white

4 in trims:

· Matte white, matte black, stainless, clear alzak, wheat alzak, bronze



¹ Soft-on, Fade-to-Black only available in 3" Finire, EcoSystem models 48 www.lutron.com/fixtures

How to order 3" Finiré LED Recessed Lighting

Example model number

XX R4466 B2 MW SO XX 12

Fixture Options

Family

F = Finiré Recessed Lights

Type

D = Downlight

 A^1 = Adjustable

Flange

T = Trimmed

Z = Trimless

Size

3 = 3 in Series

Aperture

 $\mathbf{R} = \text{Round}$

S = Square

Housing

N = Non-insulation Contact

I = Insulation Contact

LED type

XX = Standard, 17 W, 850 Lumens. 98CRI

NS = Narrow Spot, 17 W, 850 Lumens, 98 CRI (15° beam only)

HO = High Output, 17 W, 1100 Lumens, 98 CRI (T24 Compliant)

Color temperature

27 = 2700 K

30 = 3000 K

35 = 3500 K

Beam spread

 $15^2 = 15^\circ$

28 = 28°

40 = 40°

 $60 = 60^{\circ}$

Driver/Control type

F1 = Hi-lume_® 1% 2-wire Driver, 120 V~

3U = Hi-lume 1% 3-wire Driver, 120/277 V∼

EU³ = Hi-lume 1% EcoSystem™ Driver, 120/277 V~

Hanging

B2 = 14–24 in Adjustable Hangers

¹ For wall wash applications, use adjustable type trims with wall wash lens

² NS LED type only; see spec sheet for field changeability

⁴ For trimless wood/stone, use trimless housing and trim

³ Includes Soft-on, Fade-to-Black™ dimming

Ceiling construction

XX = Standard

PL = Plenum Rated

TW⁴ = Trimless Wood/Stone

Trim Options

13 Trim

RTD00 = Round Downlight

RTA00 = Round Adjustable

RTP00⁵ = Round Pinhole Downlight

RZD00 = Round Trimless Downlight

RZA00 = Round Trimless Adjustable

RZP00⁵ = Round Trimless Pinhole Downlight

STD00 = Square Downlight

STA00 = Square Adjustable

STP00⁵ = Square Pinhole Downlight

SZD00 = Square Trimless Downlight

SZA00 = Square Trimless Adjustable

SZP00⁵ = Square Trimless Pinhole Downlight

RTS00⁵ = Round Pinhole (Slotted) Adjustable

RZS00⁵ = Round Trimless Pinhole (Slotted) Adjustable

Finish

MW = Matte White

BL = Matte Black

SI⁶ = Silver

 $RB^6 = Bronze$

SW⁷ = Silver/White

CA⁷ = Clear Anodized/White

CC⁷ = Clear Chrome/White

BC⁷ = Black Chrome/White

Lens 15

XX = None

FG⁸ = Frosted Glass

SO⁸ = Micro Prism Solite™

WW9 = Wall Wash

Options

XX = None

 TC^{10} = Thick Ceiling greater than 5/8 in but less than 2 in (consult factory)

⁵ Pin hole trims come in Matte White, Matte Black, Silver, or Bronze with Black inside baffle. Solite lens recommended.

⁷ White flange standard trimmed option

⁸ All Frosted, Micro Prism Solite, and Wall Wash lens options are Wet Location rated

9 Adjustable trims only

¹⁰ Not required when using trimless wood/stone options

Trim flange color combinations, EcoSystem A-Series Driver, Trimless Wood/Stone > 1.5", think ceiling > 2", 4000K CCT and custom options available. Contact fixtures customer service at **fixtures@lutron.com**.

⁵⁰ www.lutron.com/fixtures

How to order 4" Finiré LED Recessed Lighting

Example model number

B2 XX R4466 MW SO WL 12 16

Fixture Options

Family

F = Finiré Recessed Lights

₂ Type

D = Downlight

W = Wall Wash

A = Adjustable

Flange

T = Trimmed

Z = Trimless

Size 4

4 = 4 in Series

Aperture

 $\mathbf{R} = \text{Round}$

S = Square

Housing

N = Non-insulation Contact

I = Insulation Contact

LED type

15 = 15W, 700 Lumens, 83CRI

 $1A^1 = 15W$, 700 Lumens, 98 CRI

2A = 18W, 850 Lumens, 98CRI

22 = 22 W, 1000 Lumens, 83 CRI

Color temperature

27 = 2700 K

30 = 3000 K

35 = 3500 K

Beam spread

 $20^2 = 20^\circ$

30 = 30°

40 = 40°

 $50 = 50^{\circ}$

Driver/Control type

F1 = Hi-lume_® 1% 2-wire Driver, 120 V~

31 = Hi-lume 1% 3-wire Driver, 120 V∼

37 = Hi-lume 1% 3-wire Driver, 277 V∼

E1 = Hi-lume 1% EcoSystem™ Driver, 120V~

E7 = Hi-lume 1% EcoSystem Driver, 277 V∼

Hanging 11

B2 = 14-24 in Adjustable Hangers

Ceiling thickness

XX = Standard

10 = 1.0 in

15 = 1.5 in

20 = 2.0 in

Trim Options

13 Trim

R4466 = Round Downlight

R4966 = Round Wall Wash

R4500 = Round Adjustable

R4105 = Round Pinhole Downlight

R4106 = Round Pinhole Adjustable

Z4466 = Round Trimless Downlight

Z4966 = Round Trimless Wall Wash

Z4500 = Round Trimless Adjustable

R04A4 = Square Downlight

R0104 = Square Wall Wash

R0204 = Square Adjustable

R4004 = Square Pinhole Downlight

Z04A4 = Square Trimless Downlight

Z0104 = Square Trimless Wall Wash

Z0204 = Square Trimless Adjustable

Finish

MW = Matte White

BL = Matte Black

SG³ = Stainless

 $RB^3 = Bronze$

CL^{4,5} = Clear Alzak

WE^{4,5} = Wheat Alzak

Lens 15

FG = Frosted Glass

SO = Micro Prism Solite™

CG = Clear Glass

Options 16

XX = None

WL⁶ = Wet (damp) Location

TF = Round Center Frosted Glass

FQ = Square Frosted Glass Ring

¹ CA Title 24 compliant

² Adjustable only

³ Metallic paint

4 White flange standard

⁵ Round only

⁶ Interior only

4000 K CCT and custom options available. Contact fixtures customer service at fixtures@lutron.com.

Ballast and sensor options

Selecting a Lutron ballast or driver: Lutron offers several ballast and driver families that have various dimming levels and control options to suit any application.

Fluorescent Ballasts

Low-end dimming level	Control options	Ballast family	Available lamp types	Fixture type
	EcoSystem _® digital link	EcoSystem H-Series T8 linear and T5 linear		Linear Recessed: Volumetric Pendants and Sconces: All applicable families
1%	EcoSystem digital link and 3-wire	Hi-lume _® 3D	T8 linear and T5 linear	Stairwell: Fluorescent Linear Recessed: Volumetric, Wall Wash Video Conference: Indirect Wash Pendants and Sconces: All applicable families
5%	EcoSystem digital link and 3-wire	Hi-lume 3D	Twin Tube	Video Conference: Indirect Wash Linear Recessed: Volumetric

UL Recognized LED Driver

Low-end dimming level	Control options	Driver family	Compatible LED types	
1%	EcoSystem digital link, 3-wire and 2-wire forward phase	Hi-lume 1% LED driver	LED	Recessed Lighting: Finiré _® LED, Downlight, Wall Wash, Adjustable Pendants and Sconces: All applicable families
1%	EcoSystem digital link	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black™	LED	Stairwell: LED Recessed Lighting: 3" Finire Downlight, Adjustable Linear Recessed: Volumetric Video Conference: Indirect Wash

UL Listed LED Driver

Low-end dimming level Control options		Driver family	Compatible LED types	
1%	EcoSystem digital link, 3-wire and 2-wire forward phase	Hi-lume 1% LED driver	LED	Linear Lighting: Lumaris™ Light Bar
0.1%	EcoSystem digital link and 3-wire	Hi-lume Premier 0.1% Voltage LED Driver with Soft-on, Fade-to-Black	LED	Linear Lighting: Lumaris Light Bar

Additional energy-saving strategies

Although manually dimming fluorescent lamps and LEDs saves energy, it's easy to maximize energy efficiency. Here's how:

1 Use occupancy/vacancy sensors

Wasted lighting can account for a majority of a building's total energy usage. Lights left on in unoccupied spaces are a real energy drain. EcoSystem® ballasts communicate through the EcoSystem digital link and are the only ballasts that can connect directly to wired occupancy/vacancy sensors. Other ballasts and drivers can also utilize wireless or wired occupancy/vacancy sensors with a QS sensor module.



Optimize ballast efficiency

Low standby power: The EcoSystem H-Series ballast offers extremely low standby power—less than 1 W of power is used when the light source is off.

Luminous efficacy: If you use multiple lamps per ballast, the required startup power is diffused over the lamps, conserving energy. The luminous efficacy of a 3-lamp 32W ballast is an impressive 100 lumens/watt.



8 Know your space

You can achieve the greatest energy savings by deciding on the perfect number of lumens required for a space, avoiding over-lighting and wasted energy.

Custom ballast factor: Ballast factor is the percentage of light output for a given lamp-ballast combination. By reducing the ballast factor, it is possible to achieve greater energy savings, meet lumen/foot² specifications and even qualify for the highest levels of LEED. Custom ballast factors are available for: EcoSystem H-Series, Hi-lume_® 3D, EcoSystem, and EcoSystem compact.

Custom ballast factor

- · No detrimental effect on lamp life or UL listing
- The ballast's printed rating and model number changes to reflect reduced energy consumption, producing lower wattage per square foot values and allowing for more ballasts on a given circuit
- Reduces ballast/lamp temperature

Custom ballast factor of 0.55 offers a maximum light level at 55% of the nominal lamp output



Fixtures | **Quick reference guide**

Family	Fixture type	Size/Length	Page #
Digital Luminaires Stairwell, pg. 6			
	LED	1 ft × 2 ft	8
	LLD	1 ft x 4 ft	8
	Fluorescent	1 ft × 2 ft	10
		1 ft x 4 ft	10
		1 ft x 8 ft	10
		1 ft x 2 ft	12
	Stairwell Retrofit Kit	1 ft x 3 ft	12
		1 ft x 4 ft	12
		1 ft x 8 ft	12

Family	Fixture type	Size/Length	Page #			
Digital Luminaires Video Conference, pg. 14						
	LED Indirect Wash	1 ft x 2 ft	14			
	LED IIIdirect Wash	2 ft x 2 ft	14			
	Fluorescent Indirect Wash	1 ft x 2 ft	16			
	Tradiocetti mamoet vvacii	2 ft x 2 ft	16			
Digital Luminaires Linear Recessed, pg. 18						
	LED Volumetric	2 ft x 2 ft	18			
	LLD VOIGITIEUTO	2 ft x 4 ft	18			
	Fluorescent Volumetric	2 ft x 2 ft	20			
	TIGOTESCENT VOIGINETIIC	2 ft x 4 ft	20			

Fixtures | **Quick reference guide**

Family	Fixture type	Size/Length	Page #
Ivalo _® Pendants, pg. 22			
	Aliante⊚	4 ft	24
	, martos	5 ft	24
	Daedalus⊚	5 ft	26
	L'ale⊛	4 ft 8 in	28
	Rotare⊚	4 ft	30
Ivalo Exterior/Interior Sconces, pg.	. 32		
	Aliante	48 in	32
VV	7 tildi ito	60 in	32
N Q	Aliante Demi	21 in	34
V	Aliante Demi	27 in	34
	Silvus⊛	24 in	36
		30 in	36

Family	Fixture type	Size/Length	Page #
Ivalo Interior Sconces, pg. 36			ı
	L'ale	27 in	38
	Rotare	48 in	40
	Inflection⊚	23 in	42
Ivalo Linear Lighting, pg. 44			
	Lumaris™	6 in	44
		12 in	44
E		18 in	44
		24 in	44
		36 in	44
		48 in	44
Ivalo Recessed Lighting, pg. 48			
0	Finiré⊛	3 in	48
	Finiré	4 in	52



www.lutron.com/fixtures
World Headquarters 1.610.282.3800
Customer & Technical Support 610.282.7472
fixtures@lutron.com

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