

# **Lutron Fixture Solutions Catalog**

Luminaires featuring high-performance dimming capability





# Lutron<sub>®</sub> Fixture Solutions

Lutron fixture solutions feature
high-performance dimming
capability. All luminaires are
pre-assembled and pre-tested, have
integral Lutron Hi-lume® A-Series
LED drivers, Lutron Hi-lume® 3D,
EcoSystem® H-Series, or EcoSystem
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 5 year manufacturer's warranty.

# Digital Luminaires

## **Stairwell**



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# Lutron<sub>®</sub> Fixture Solutions

# The Ivalo<sub>®</sub> Collection

# **Pendants**



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# **Recessed Lighting**





Finiré<sub>®</sub> LED recessed lighting pg. 50

Example: (High Bay Athlite M Fixture)

1 Product	2 Family	Fixture type	4 Size	5 Lens options	6 Lamps	7 Lamp type	8 Region	
FX	НВ	AS	24	WB	4	32	U	EC
n/a	n/a	+	+	+	+	n/a		

# Build your own fixture number - Digital Luminaires

pg.28

Pendants and Sconces

1 Family	2 Fixture type	3 Light orientation	4 Length	5 Lamps	6 Lamp type	7 Voltage	8 Suspension	9 Control options	
A	P	D	60	2	35	2	6	1	
included	included	+	included	+	included	included			

# Build your own fixture number - The Ivalo Collection

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The Stairwell standard fixture is a T5 or T8 fluorescent luminaire available in 2', 3', 4', and 8' models. This solution can save up to 70%¹ of lighting energy usage and meet building codes and standards.

#### **Features and capacities**

- Lutron dimming ballast standard
- Integral wireless control (PowPak stairwell controller)
- Prismatic or Opal Acrylic lens
- 1, 2, or 4 lamps
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V~ universal input voltage
- Ceiling or wall surface mount
- · Optional emergency ballast battery backup available
- · Lamps not included
- Compatible with GE, Philips and Sylvania lamps
- UL and cUL listed

#### **Typical applications**

Stairwells, corridors, hallways

#### **Dimensions and mounting**

#### 4-ft fixture (standard)

- Length: 50.75 in (1,299 mm) Height: 3.86 in (98 mm) Width: 4.36 in (111 mm)
- · Can be mounted to wall or ceiling; surface mount
- 2-ft, 3-ft, 8-ft also available

## **Communications and wiring**

- Fixture communicates via Clear Connect RF technology
- · 3 wire control standard

#### **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

<sup>1</sup> Savings based on replacing a 4ft T12 fixture (2-40W lamps at 100% output), with a 4ft T8 Lutron stairwell solution (2-32W lamps at 50% highend output, 10% low-end output). Existing system operation is based on 8760 hours of annual use

Technical documents available at www.lutron.com/fixtures

# How to order a stairwell PowPak fixture

#### **Example model number**

SW XX WH XX 12

#### Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**SW** = Stairwell

Fixture type

**XX** = Standard

4 Size

 $12 = 1' \times 2'$ 

 $13 = 1' \times 3'$ 

 $14 = 1' \times 4'$ 

 $18 = 1' \times 8'$ 

5 Lens options

**CP** = Clear Prismatic Acrylic

**OA** = Opal Acrylic

Lamps

1 = 1 Lamp

2 = 2 Lamps

4 = 4 Lamps, 8'

Lamp type

**14** = 14 W T5HE, 2'

**17** = 17 W T8, 2'

**21** = 21 W T5HE, 3'

**24** = 24 W T5HO. 2'

**25** = 25 W T8. 3'

**28** = 28 W T5HE, 4'

32 = 32 W T8, 4'

39 = 39 W T5HO, 3'

**54** = 54 W T5HO, 4'

**RW** = 25, 28, 30 W T8

Reduced Wattage, 4'

## Region

**U** = UL – North America

**B** = BAA (Buy American Act)<sup>2</sup>

#### **Control options**

51 = 50% Occupied, 10% Unoccupied

82 = 80% Occupied, 20% Unoccupied

## 10 Mounting type

**SM** = Surface Mount

#### **Options**

**XX** = None

E1 = T8 Emergency Ballast<sup>3,4</sup>

E3 = T5HE Emergency Ballast<sup>3,4</sup>

E5 = T5HO Emergency Ballast<sup>3,4</sup>

#### **Color Finish**

**WH** = Matte White

<sup>2</sup>Lutron offers stairwell solutions that are manufactured in the United States, making it easy for you to comply with the Buy American Act (**BAA**) and the Buy American provision of the American Recovery and Reinvestment Act (ARRA). BAA compliant stairwell fixtures are available in 2' and 4' models only. <sup>3</sup>Emergency ballast "option" not available if 2' "lamp type" is chosen <sup>4</sup>Emergency ballast "option" is determined by "lamp type"

Custom options available—contact fixtures@lutron.com.



The stairwell vandal-resistant fixture is a heavy duty, energy-saving solution. Vandal-proof and hidden controls makes this fluorescent luminaire ideal for public spaces. This fixture can save up to 70%¹ of lighting energy usage and meet building codes and standards.

## Features and capacities

- Lutron dimming ballast standard
- Concealed wireless control (PowPak stairwell contoller)
- Vandal-resistant polycarbante lens
- 2 lamps
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V~ universal input voltage
- · Ceiling or wall surface mount
- Optional emergency ballast battery backup available
- · Lamps not included
- · Compatible with GE, Philips and Sylvania lamps
- UL and cUL listed

## **Typical applications**

 Public accessible spaces—stairwells, corridors, hallways

#### **Dimensions and mounting**

#### 4-ft fixture (standard)

- Length: 49 in (1,245 mm)
   Height: 3.25 in (83 mm)
   Width: 9 in (229 mm)
- Can be mounted to wall or ceiling; surface mount
- · 2-ft also available

## **Communications and wiring**

- Fixture communicates via Clear Connect® RF technology
- · 3-wire control standard

#### **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

<sup>1</sup> Savings based on replacing a 4ft T12 fixture (2-40W lamps at 100% output), with a 4ft T8 Lutron stairwell solution (2-32W lamps at 50% highend output, 10% low-end output). Existing system operation is based on 8760 hours of annual use.

Technical documents available at www.lutron.com/fixtures

# How to order a stairwell vandal-resistant fixture

#### **Example model number**

FX SW VR 12 PO 2 14 U 51 SM XX WH 1 2 3 4 5 6 7 8 9 10 11 12

# Fixture Options

**■** Product

**FX** = Fixtures

<sub>2</sub> Family

**SW** = Stairwell

Fixture type

**VR** = Vandal Resistant

<sub>Λ</sub> Size

 $12 = 1' \times 2'$ 

 $14 = 1' \times 4'$ 

Lens options

**PO** = Polycarbonate

Lamps

**2** = 2 Lamps

Lamp type

14 = 14 W T5HE, 2'

**17** = 17 W T8, 2'

**24** = 24 W T5HO, 2'

**28** = 28 W T5HE, 4'

**32** = 32 W T8, 4'

**54** = 54 W T5HO, 4'

**RW** = 25, 28, 30 W T8

Reduced Wattage, 4'

8 Region

U = UL - North America

 $\mathbf{B} = \mathsf{BAA} \; (\mathsf{Buy} \; \mathsf{American} \; \mathsf{Act})^2$ 

## Control options

**51** = 50% Occupied, 10% Unoccupied **82** = 80% Occupied, 20% Unoccupied

#### Mounting type

**SM** = Surface Mount (Wall/Ceiling)

## Options

**XX** = None

**E1** = T8 Emergency Ballast<sup>3,4</sup>

E3 = T5HE Emergency Ballast<sup>3,4</sup>

E5 = T5HO Emergency Ballast<sup>3,4</sup>

#### Color Finish

**WH** = Matte White

<sup>2</sup>Lutron offers stairwell solutions that are manufactured in the United States, making it easy for you to comply with the Buy American Act (**BAA**) and the Buy American provision of the American Recovery and Reinvestment Act (ARRA). BAA compliant stairwell fixtures are available in 2' and 4' models only. 
<sup>3</sup>Emergency ballast "option" not available if 2' "lamp type" is chosen 
<sup>4</sup>Emergency ballast "option" is determined by "lamp type"

Custom options available—contact **fixtures@lutron.com**.



The stairwell LED fixture provides an energy saving solution with a concealed wirelss control and architectural design. Utilizing integral LEDs as the light source has lower power usage and maintenance saving up o 70% of lighting energy usage while meeting building codes and standards.

#### **Features and capacities**

- · Lutron dimming driver standard
- Concealed wireless control (PowPak stairwell contoller)
- Frosted acrylic architectural lens
- Integral 4000K color temperature LED module
- 17 W 1500 Lumens or 29 W 2200 Lumens
- 120-277 V~ universal input voltage
- · Ceiling or wall surface mount
- Optional emergency driver backup available
- UL and cUL listed

## **Typical applications**

· Stairwells, corridors, hallways

#### **Dimensions and mounting**

#### 2-ft fixture (standard)

- Length: 28.25 in (718 mm)
   Height: 4.75 in (121 mm)
   Width: 3.5 in (89 mm)
- · Can be mounted to wall or ceiling; surface mount

#### 4-ft mounting plate (optional)

Length: 48 in (1218 mm)
 Height: 5.25 in (133 mm)
 Width: 0.5 in (13 mm)

#### **Communications and wiring**

- Fixture communicates via Clear Connect RF technology
- · 3 wire control standard

#### **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

<sup>1</sup> Savings based on replacing a 2ft T8 fixture (2-17W lamps at 100% output) with a 2ft LED Lutron stairwell solution (29W 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 2190 hours at high end and 6570 hours at low end. Actual savings may vary based on existing fixture wattage and stairwell occupancy. Note: 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**

FX SW XX 12 SL L C1 U 51 SM XX WH 1 2 3 4 5 6 7 8 9 10 11 12

# Fixture Options

**■** Product

**FX** = Fixtures

<sub>2</sub> Family

**SW** = Stairwell

3 Fixture type

**XX** = Standard

4 Size

 $12 = 1' \times 2'$ 

Lens options

**SL** = Standard

Lamps

L = LED's

Lamp type

**C1** = 17 W, 4000 K, 1500 Lumens **C3** = 29 W, 4000 K, 2200 Lumens

Region

**U** = UL – North America

Control options

**51** = 50% Occupied, 10% Unoccupied **82** = 80% Occupied, 20% Unoccupied

#### Mounting type

**SM** = Surface Mount (Wall/Ceiling)

M4 = 4ft Mounting Plate

#### Options

**XX** = None

**E7** = LED Emergency Driver

#### Color Finish

**WH** = Matte White

Custom options available—contact **fixtures@lutron.com**.



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 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
- Wireless control (PowPak stairwell contoller)
- Wallplate (Claro single gang)
- Rapid-start sockets (optional)
- Compatible with 2', 3', 4', or 8' 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
- 3-wire control standard

#### **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 retrofit kit solution

#### **Example model number**

**FXRS** SW XX

#### Fixture Options

**Product** 

**FXRS** = Fixtures Retrofit Kit Solution

2 Family

**SW** = Stairwell

Fixture type

**XX** = Standard

Size

 $12 = 1' \times 2'$ 

 $13 = 1' \times 3'$ 

 $14 = 1' \times 4'$ 

**18** = 1'x8'

Lamps

**1** = 1 Lamp

**2** = 2 Lamps

3 = 3 Lamps, T8

**4** = 4 Lamps

#### Lamp type

**14** = 14 W T5HE, 2'

**17** = 17 W T8, 2'

**21** = 21 W T5HE, 3'

**24** = 24 W T5HO, 2'

**25** = 25W T8, 3'

**28** = 28 W T5HE, 4'

**32** = 32 W T8, 4'

**39** = 39 W T5HO, 3'

**54** = 54 W T5HO, 4'

**RW** = 25, 28, 30 W T8

Reduced Wattage, 4'

# 7 Region

**U** = UL – North America

#### **Control options**

**51** = 50% Occupied, 10% Unoccupied 82 = 80% Occupied, 20% Unoccupied

#### **Socket options**

**XX** = None

SK = Sockets\*

\*Two rapid start sockets per lamp, each lamp gets 18" pf power leads (white, black) and 40" of lamp leads (yellow, blue) per lamp.

Custom options available—contact fixtures@lutron.com.

# Digital Luminaires | **High bay Athlite**™ **fixture**



Athlite is a high-performance, energy-efficient lighting solution for high bay spaces. Designed with a wire guard and polycarbonate lens, it is available with recessed options, making it ideal for multi-use rooms such as gymnasiums and cafeterias. This fluorescent luminaire provides four distinct lighting levels, in addition to on and off, that create a truly multi-purpose space that comfortably accommodates a wide variety of school and community events.

#### **Features and capacities**

- Lutron® EcoSystem® H-Series 1% dimming ballasts standard
- Lutron Ecosystem 10% dimming ballast option
- Prewired whips for power and EcoSystem link
- Includes welded wireguard and polycarbonate lens
- Narrow or wide beam lens option
- 4 or 6 lamps
- T8, T5HO
- 120-277 V~ universal input voltage
- · Suspended or Recessed
- Optional emergency ballast battery backup available
- Lamps are not included
- Compatible with GE, Philips and Sylvania lamps
- UL and CSA listed

#### **Typical applications**

Gymnasiums, stadiums, cafeterias, large storage rooms

#### **Dimensions and mounting**

- Length: 49.13 in (595 mm) Height: 5.06 in (129 mm) Width: 23.44 in (1,219 mm)
- Fixture must be suspended at least 2ft from the ceiling for the suspended option.

#### **Communications and wiring**

• EcoSystem digital link or 3-wire control standard

Technical documents available at www.lutron.com/fixtures

# How to order a high bay Athlite fixture

#### **Example model number**

WH 12

## Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**HB** = High Bay Fixtures

Fixture type

AS = Athlite Suspended

AR = Athlite Recessed

4 Size

24 = 2'x4'

Lens options

**WB** = Wide Beam/Lens

**NB** = Narrow Beam/Lens

WP = Wide Beam/Lens w/PolyCarb

**NP** = Wide Beam/Lens w/PolyCarb

Lamps

**4** = 4 Lamps

6 = 6 Lamps

Lamp type

**32** = 32W T8

 $54 = 54W T5HO^{1}$ 

Region

**U** = UL - North America

**Control options** 

**HS** = EcoSystem H-Series

1% dimming

**EC** = EcoSystem 10% dimming

#### Mounting type

**XX** = Standard

**CT** = Conduit Mount Bracket

**CH** = Aircraft Cable Mount

**Options** 

**XX** = None

FC = 6' Flex Conduit

**PW** = Prewired Whip

**E4** = T8 Emergency Ballast<sup>†</sup>

**E6** = T5HO Emergency Ballast<sup>†</sup>

**Color Finish** 

WH = Matte White

1 Not available for Athlite Recessed (AR)

† Emergency ballast option determined by "lamp type"

Custom options available—contact

fixtures@lutron.com.

# Digital Luminaires | High bay warehouse fixture



High bay warehouse fixtures provide excellent light distribution and energy efficiency. These fluorescent luminaires have higher efficiency, greater controllability, and reduced maintenance costs compared to HID lighting. By replacing inefficient metal halide or HID lighting with warehouse fixtures, you can reduce lighting energy consumption by 50-80%.1

#### **Features and capacities**

- Lutron<sub>®</sub> EcoSystem<sub>®</sub> H-Series 1% dimming ballasts standard
- Lutron Ecosystem 10% dimming ballast option
- Prewired whips for power and EcoSystem link
- · Wireguard optional
- 4 or 6 lamps
- T8, T5HO
- 120-277 V~ universal input voltage
- Suspended
- Optional emergency ballast battery backup available
- Lamps are not included
- · Compatible with GE, Philips and Sylvania lamps
- UL and CSA listed

#### **Typical applications**

Retail stores, manufacturing areas, warehouses, supermarkets

#### **Dimensions and mounting**

- 4-lamp option
- Length: 48.125 in (1,221 mm) Height: 4.5 in (114 mm) Width: 14.625 in (371 mm)
- Fixture must be suspended at least 2ft from the ceiling
- · 6-lamp option also available

#### **Communications and wiring**

· EcoSystem digital link or 3-wire control standard

Technical documents available at www.lutron.com/fixtures

# How to order a High bay warehouse fixture

#### **Example model number**

12

## Fixture Options

#### **Product**

**FX** = Fixtures

#### 2 Family

**HB** = High Bay Fixtures

#### 3 Fixture type

**WA** = Warehouse Application

# 4 Size

24 = 2'x4'

#### Lens options

SL = Standard Lens WG = Wire Guard

#### Lamps

**4** = 4 Lamps

**6** = 6 Lamps

#### Lamp type

**32** = 32W T8

**54** = 54W T5HO

#### Region

**U** = UL – North America

#### **Control options**

**HS** = EcoSystem H-Series 1% dimming

**EC** = EcoSystem 10% dimming

Custom options available—contact fixtures@lutron.com.

## Mounting type

**XX** = Standard

**SH** = Hanger Set

**CS** = Chain and Hanger Set

**CH** = Aircraft Cable Mount

#### **Options**

XX = None

**PW** = Prewired Sensor Whip

E4 = T8 Emergency Ballast<sup>†</sup>

E6 = T5HO Emergency Ballast<sup>†</sup>

#### **Color Finish**

**WH** = Matte White

†emergency ballast "option" is determined by "lamp type"

<sup>1</sup> Savings assumes the replacement of a 400 W metal halide fixture at full output for 6000 hours with a 6 lamp 32 W T8 fixture at full output for 6000.

# Digital Luminaires | Video conference indirect wash fixture



Video conference indirect wash 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. This fluorescent luminaire design shields the lamps from view, enhancing the look and feel of the room.

## **Features and capacities**

- Lutron<sub>®</sub> Hi-lume 3D 5% dimming ballasts standard
- 45 degree diagonal mount option available
- 1 or 2 lamps
- T5 50W Twin Tube
- 120-277 V~ universal input voltage
- T-bar, Gympsum or surface mount
- · Chicago plenum and CE models available
- Lamps are not included
- Compatible with GE and Philips lamps
- UL and cUL listed

#### **Typical applications**

Audio/video conference rooms, conference rooms, training rooms

#### **Dimensions and mounting**

#### Recessed 2x2-ft indirect fixture

• Length: 24 in (610 mm) Height: 7 in (178 mm) Width: 23.75 in (24 mm)

#### Recessed 1x2-ft wall wash fixture

• Length: 23.88 in (595 mm) Height: 5 in (127 mm) Width: 10 in (254 mm)

 Recessed 1x2 ft wall wash fixture with 45° diagnol option available

#### **Communication and wiring**

• EcoSystem® digital link or 3-wire control standard

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

# How to order a video conference indirect wash fixture

## **Example model number**

WH

## Fixture Options

Product

**FX** = Fixtures

2 Family

VT = Video Conference

3 Fixture type

IW = Indirect Wash

Size

 $12 = 1' \times 2'$ 

 $22 = 2' \times 2'$ 

Lens options

**XX** = None

**DB** = 45 Degree Diagonal\*

Lamps

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

2 = 2 Lamp\*\*

Lamp type

50 = T5 Twin Tube

8 Region

**U** = UL – North America

I = International

#### **Control options**

**HD** = Hi-lume<sub>®</sub> 3D 5% dimming

#### **Mounting type**

TB = T-Bar

**GY** = Gypsum

**SM** = Surface Mount

#### **Options**

**XX** = None

E3 = Emergency Ballast<sup>†</sup>

#### **Color Finish**

**WH** = Matte White

Custom options available—contact fixtures@lutron.com.

Available for 1'x2' fixture only

<sup>\* 2</sup> lamp available for 2"x2" fixture only
† Emergency ballast "option" is determined by "lamp type"



Recessed compact fluorescent (CFL) downlight and wall wash fixtures provide controllable lighting and energy savings with a traditional incandescent downlight appearance. Using a 26W or 32W CFL, this luminaires provides the lighting level equivalent to a 150W incandescent lamp and the warm look of incandescent light.

#### **Features and capacities**

- Lutron<sub>®</sub> Ecosystem 5% dimming ballasts standard
- Downlight or Wallwash options
- Satin aluminized reflector that reduces glare
- 1 lamp
- 26W or 32W Compact Fluorescent Lamp
- 120-277 V~ universal input voltage
- T-bar, and remodel options
- Lamps are not included
- · Compatible with GE
- ETL listed

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#### **Typical applications**

Conference/meeting rooms, general offices, lobby reception areas

#### **Dimensions and mounting**

- Length: 11 in (280 mm) Height: 8 in (203 mm) Width: 7.50 in (191 mm)
- 7.50 x 11 in plaster frame

#### **Communication and wiring**

EcoSystem digital link

Technical documents available at www.lutron.com/fixtures

# How to order a recessed lighting CFL fixture

#### **Example model number**

# Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**RD** = Recessed Lighting

3 Fixture type

**DL** = Downlight

**WW** = Wall Wash

4 Size

**06** = 6" Diameter

Lens options

**SL** = Standard Lens

6 Lamps

**1** = 1 Lamp

7 Lamp type

**26** = 26W CFL

**32** = 32W CFL

8 Region

**U** = UL – North America

9 Control options

**EC** = EcoSystem 5% dimming

Custom options available—contact fixtures@lutron.com.

## 10 Mounting type

TB = T-Bar

RM = Remodel

#### 11 Options

**SA** = Satin Aluminum Reflector

#### 12 Color Finish

**WH** = Matte White

# Digital Luminaires | Linear recessed parabolic fixture



Linear recessed parabolic fixtures are a cost-effective solution for creating an ideal visual environment in general office spaces. Designed with polished aluminum parabolic louvers, this efficient fluorescent luminaire eliminates excessive brightness by offering a sharp cut-off level, effectively focusing the light directly downward.

#### **Features and capacities**

- Lutron<sub>®</sub> EcoSystem<sub>®</sub> H-Series 1% dimming ballasts standard
- Lutron<sub>®</sub> Hi-lume 3D dimming ballasts option
- 2 or 3 lamps
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V~ universal input voltage
- · T-bar, Gympsum or surface mount
- Lamps are not included
- Compatible with GE and Philips lamps
- UL and cUL listed

#### **Typical Applications**

General offices, hallways, break rooms, corridors

#### **Dimensions and mounting**

• 3 in deep, pre-anodized aluminum louvers with semi-specular finish; 9 cells for 2x2, and 18 cells for 2'x4' model

#### 2x2-ft fixture

• Length: 23.75 in (603 mm) Height: 5.63 in (143 mm) Width: 23.75 in (603 mm)

#### 2x4-ft fixture

• Length: 47.75 in (1,213 mm) Height: 5.63 in (143 mm) Width: 23.75 in (603 mm)

#### **Communication and wiring**

• EcoSystem digital link or 3-wire control standard

Technical documents available at www.lutron.com/fixtures

# How to order a linear recessed parabolic fixture

#### **Example model number**

# Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**LR** = Linear Recessed

3 Fixture type

**PG** = Parabolic

Size

22 = 2'x2'

24 = 2'x4'

Lens options

**SL** = Standard Lens

Lamps

**2** = 2 Lamps

3 = 3 Lamps T8 only

#### Lamp type

**14** = 14W T5HE, 2'

**17** = 17W T8, 2'

**24** = 24W T5HO, 2'

28 = 28W T5HE, 4'

32 = 32W T8, 4' or T8 U-bent

**50** = 50W T5 Twin Tube, 2'

**54** = 54W T5HO, 4'

**RW** = 25, 28, 30W T8 Reduced

Wattage, 4'

# Region

**U** = UL – North America

#### **Control options**

**HS** = EcoSystem H-Series 1% dimming

**HD** = Hi-lume<sub>®</sub> 3D 1% dimming\*

#### Mounting type

TB = T-Bar

**GY** = Gypsum

**SM** = Surface Mount

#### **Options**

**XX** = None

E1 = T8 Emergency Ballast<sup>†</sup>

E2 = T5HO Emergency Ballast<sup>†</sup>

#### **Color Finish**

**WH** = Matte White

Custom options available—contact fixtures@lutron.com

\*T5 twin-tube option is 5% dimming and 2'x2' only †emergency ballast "option" is determined by "lamp type"

# Digital Luminaires | Linear recessed center basket fixture



Linear recessed center basket fixtures provide aesthetics and energy savings for specific applications. This fluorescent luminaire offers superior brightness control and well-balanced light through distribution of direct/indirect soft light. It's excellent for spaces where indirect, even lighting is desired, but ceiling heights are too low for suspended fixtures.

#### **Features and capacities**

- Lutron<sub>®</sub> EcoSystem<sub>®</sub> H-Series 1% dimming ballasts standard
- Lutron<sub>®</sub> Hi-lume 3D dimming ballasts option
- 2 or 3 lamps
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V~ universal input voltage
- · T-bar, Gympsum or surface mount
- Lamps are not included
- Compatible with GE and Philips lamps
- UL and cUL listed

#### **Typical Applications**

Office work station areas, private offices, reception areas, lobby areas

#### **Dimensions and mounting**

#### 2x2-ft fixture

• Length: 23.75 in (603 mm) Height: 5.5 in (140 mm) Width: 23.75 in (603 mm)

#### 2x4-ft fixture

• Length: 47.75 in (603 mm) Height: 5.50 in (140 mm) Width: 23.75 in (603 mm)

#### **Communication and wiring**

• EcoSystem digital link or 3-wire control standard

Technical documents available at www.lutron.com/fixtures

# How to order a linear recessed center basket fixture

#### **Example model number**

CB

Fixture Options

**Product** 

**FX** = Fixtures

2 Family

LR = Linear Recessed

3 Fixture type

**CB** = Center Basket

Size

22 = 2'x2'

**24** = 2'x4'

Lens options

**SL** = Standard Lens

Lamps

**2** = 2 Lamps

3 = 3 Lamps T8 only

Lamp type

**14** = 14W T5HE. 2'

**17** = 17W T8, 2'

**24** = 24W T5HO, 2'

**28** = 28W T5HE, 4'

**32** = 32W T8, 4'

**50** = 50W T5 twin tube, 2'

**54** = 54W T5HO, 4'

**RW** = 25, 28, 30W T8 Reduced

Wattage, 4'

Custom options available—contact fixtures@lutron.com.

#### Region

**U** = UL – North America

**Control options** 

**HS** = EcoSystem H-Series

1% dimming

**HD** = Hi-lume<sub>®</sub> 3D 1% dimming\*

Mounting type

TB = T-Bar

**GY** = Gypsum

**SM** = Surface Mount

**Options** 

**XX** = None

E1 = T8 Emergency Ballast

E2 = T5HO Emergency Ballast<sup>†</sup>

**Color Finish** 

**WH** = Matte White

\*T5 twin-tube option is 5% dimming and 2'x2' only †emergency ballast "option" is determined by "lamp type"

# Digital Luminaires | Linear recessed volumetric fixture



Lutron's linear recessed volumetric fixture is a cost-effective, energy-efficient, fully luminous fluorescent luminaire that provides soft ambient illumination. It provides visual comfort and energy savings in settings such as offices, classrooms, medical facilities, and retail spaces. The optical design eliminates the shadowing that is common with many other recessed fluorescent fixtures.

#### **Features and capacities**

- Lutron<sub>®</sub> EcoSystem<sub>®</sub> H-Series 1% dimming ballasts standard
- Lutron<sub>®</sub> Hi-lume 3D dimming ballasts option
- 2 or 3 lamps
- T8, reduced wattage T8, T5HE, or T5HO
- 120-277 V~ universal input voltage
- T-bar, Gympsum or surface mount
- Lamps are not included
- Compatible with GE and Philips lamps
- UL and cUL listed

#### **Typical Applications**

· Open office task lighting, board rooms, meeting rooms, public areas

#### **Dimensions and mounting**

#### 2x2-ft fixture

• Length: 47.75 in (603 mm) Height: 4.375 in (111 mm) Width: 23.75 in (603 mm)

#### 2x4-ft fixture

• Length: 47.75 in (1,213 mm) Height: 4.375 in (111 mm) Width: 23.75 in (603 mm)

#### **Communications and wiring**

• EcoSystem<sub>®</sub> digital link or 3-wire control standard

Technical documents available at www.lutron.com/fixtures

# How to order a linear recessed volumetric fixture

#### **Example model number**

LR VM

# Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**LR** = Linear Recessed

3 Fixture type

**VM** = Volumetric

Size

22 = 2'x2'

24 = 2'x4'

Lens options

**SL** = Standard Lens

Lamps

**2** = 2 Lamps

3 = 3 Lamps T8 only

#### Lamp type

**14** = 14W T5HE. 2'

**17** = 17W T8, 2'

**24** = 24W T5HO, 2'

**28** = 28W T5HE, 4'

**32** = 32W T8, 4'

**50** = T5 Twin Tube

**54** = 54W T5HO. 4'

**RW** = 25, 28, 30W T8 Reduced

Wattage, 4'

Region

**U** = UL – North America

#### **Control options**

**HS** = EcoSystem H-Series

1% Dimming

**HD** = Hi-lume<sub>®</sub> 3D 1% Dimming\*

#### Mounting type

TB = T-Bar

**GY** = Gypsum

**SM** = Surface Mount

#### **Options**

**XX** = None

E1 = T8/T5HE 4' Emergency Ballast\*

E3 = T5HE, 2' Emergency Ballast<sup>†</sup>

E5 = T5HO, Emergency Ballast<sup>†</sup>

#### **Color Finish**

**WH** = Matte White

Custom options available—contact fixtures@lutron.com.

\*T5 twin-tube option is 5% dimming and 2'x2' only †emergency ballast "option" is determined by "lamp type"

# Digital Luminaires | Linear recessed wall wash fixture



Linear recessed wall wash fixtures provide even, unscalloped illumination and uniform vertical surface lighting, which is ideal for large wall areas highlighting art and displays. This fluorescent luminaire's reflector is designed to cascade light while reducing glare.

## **Features and capacities**

- Lutron<sub>®</sub> Hi-lume 3D 5% dimming ballasts standard
- 1 lamp
- T5 Twin Tube
- 120-277 V~ universal input voltage
- · T-bar, Gympsum or surface mount
- Chicago plenum and CE models available
- Lamps are not included
- Compatible with GE and Philips lamps
- UL and cUL listed

#### **Typical applications**

Open offices, conference rooms, retail environments

#### **Dimensions and mounting**

- · Recessed 1x2-ft wall wash fixture
- Length: 24.44 in (595 mm) Height: 3.50 in (89 mm) Width: 8.50 in (216 mm)

#### **Communication and wiring**

• EcoSystem digital link or 3-wire control standard

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

How to order a linear recessed wall wash fixture

#### **Example model number**

 $\bigvee\bigvee$ XX WH 12

# Fixture Options

**Product** 

**FX** = Fixtures

2 Family

**LR** = Linear Recessed

3 Fixture type

WW = Wall Wash

4 Size

12 = 1'x2'

Lens options

**XX** = None

6 Lamps

1 = 1 Lamp

Lamp type

**50** = T5 Twin Tube

Region

**U** = UL – North America

I = International

**Control options** 

**HD** = Hi-lume<sub>®</sub> 3D 5% dimmin

Mounting type

TB = T-Bar

**GY** = Gypsum

**SM** = Surface Mount

Options

**XX** = None

E3 = Emergency Ballast<sup>†</sup>

**Color Finish** 

**WH** = Matte White

Custom options available—contact fixtures@lutron.com.

†emergency ballast "option" is determined by "lamp type"

# **Digital Luminaires**

Example: (High Bay Athlite™ fixture)

1	2	3	4	5	6	7	8	9	10	11	12
Product	Family	Fixture type	Size	Lens options	Lamps	Lamp type	Region	Control options	Mounting type	Options	Color/ finish
FX	НВ	AS	24	WB	4	32	U	EC	СН	PW	WH
n/a	n/a	+	+	+	+	n/a	n/a				n/a

# Your Turn:

1 Product	2 Family	Fixture type	4 Size	Lens options	6 Lamps	Z Lamp type	8 Region	9 Control options	Mounting type	11 Options	Color/finish
FX							U				WH
n/a	n/a	+	+	+	+	n/a	n/a	+	+	+	n/a



Designed by Stefano Casciani, the Aliante pendant is a direct/indirect sculptural linear fluorescent 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 16ft/488cm high ceiling. Longer lengths available upon request. Pole versions also available.
- · Lens (direct/indirect only): Translucent acrylic.
- Lamp: 1 or 2 54 W T5 HO or 28 W T5 HE fluorescent lamp (not included).
- · Sockets: Twist-lock installation.
- Controls: 1% 3-wire dimming T5HO, and T5HE 120 - 277 V~, 347 V~. Non-dimming, T5HO and T5HE 120 - 277 V~, 347 V~ ballasts.
- Junction box: 4in (10cm) octagonal or round supplied by others. Requires fixture brace for suspended ceilings.
- Weight: Cable version–12 lbs (5.5 kg).

## **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 cook top 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), powder coat (required for exterior applications)

#### **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.ivalolighting.com.

# How to order an Aliante pendant

#### **Example model number**

GT 12

# Fixture Options

- **Family** 
  - A = Aliante
- 2 Fixture type
  - P = Pendant
- 3 Light Orientation
  - N = Indirect
  - **D** = Direct/Indirect
- 4 Length
  - 48 = 48 inches (4')
  - 60 = 60 inches (5')
- 5 Lamps
  - **1** = 1 Lamp
  - **2** = 2 Lamp
- Lamp type
  - **35** = 5' T5HE FL
  - **80** = 5' T5HO FL\*
  - 28 = 4' T5HE FL
  - **54** = 4' T5HO FL
- Voltage
  - 2 = 120 V
  - $3 = 347 \text{ V}^*$
  - 4 = 220 V/240 V
  - **7** = 277 V

Custom options available—contact fixtures@lutron.com.

#### Suspension

- 2 = Cable 12' Ceiling
- 6 = Cable 16' Ceiling
- **P** = Pole
- **Control option** 
  - N = Non-Dim
  - **0** = 10% Dim 3-Wire
  - **1** = 1% Dim 3-Wire
- Region
  - **U** = UL North America
  - I = International
- Canopy Finish
- 12 Shell Finish

MT = Matte Titanium

**MG** = Matte Graphite

MC = Matte Copper

**MF** = Matte Flame

**ML** = Matte Lapis

**ME** = Matte Ebony

**MA** = Matte Arctic White

**MP** = Matte Pearl White

MS = Matte Slate

- **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
- AN = Brushed Anodized Clear
- **AB** = Brushed Anodized Black
- **PS** = Silver
- PM = Metallic Silver
- **PB** = Bronze

\*non-dim only

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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 12 ft/366 cm or 16 ft/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: 5-ft (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.ivalolighting.com.** 

# How to order a Daedalus pendant

#### **Example model number**

D P D 60 8 M2 2 2 D U GT G

# Fixture Options

- Family
  - **D** = Daedalus
- 2 Fixture type
  - **P** = Pendant
- 3 Light Orientation
  - **D** = Direct/Indirect
- 4 Length
  - 60 = 60 inches (5')
- 5 Lamps
  - 8 = 8 Lamp
- Lamp type
  - M2 = MR11 Halogen or LED\*
- 7 Voltage
  - 2 = 120 V
- Suspension
  - 2 = Cable 12' Ceiling
  - 6 = Cable 16' Ceiling
- Control option
  - **D** = 1% Dim 2-Wire

11 Chassis Finish

Region

12 Shell Finish

GT = Gloss Titanium

**GG** = Gloss Graphite

**U** = UL – North America

MT = Matte TitaniumMG = Matte Graphite

**GS** = Gloss Slate

te MS = Matte Slate
oper 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 **GP** = Gloss Pearl White

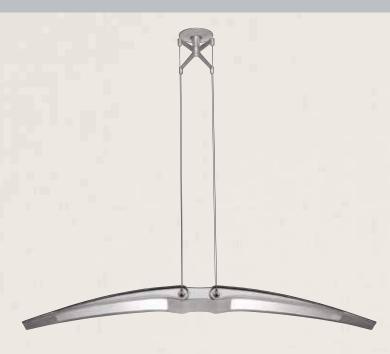
**MA** = Matte Arctic White

**MP** = Matte Pearl White

Custom options available—contact **fixtures@lutron.com**.

\*LED non-dim only

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William Pederesen designed the L'ale pendant, a direct sculptural compact fluorescent 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/366cm (standard) and 16ft/488cm (option) high ceiling. Longer lengths available upon request.
- · Lens: Translucent acrylic.
- Lamp: Two 42 W triple tube compact fluorescent lamps (CFLs not included).
- · Sockets: Twist-lock installation.
- Controls: 5%, 3-wire dimming, 42 W CFL, 120 -277 V~. Non-dimming, 42 W 120 - 277 V~.
- Junction box: 4 in (10 cm) octagonal or round supplied by others.
- Weight: 12 lbs (5.5 kg)
   Technical documents available at www.ivalolighting.com.

## **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: 4-ft 8 in (146.304 cm)

#### Color

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

Technical documents available at **www.ivalolighting.com.** 

# How to order a L'ale pendant

#### **Example model number**

L P D 56 2 42 2 2 N U GT G

## Fixture Options

Family

L = L'ale

2 Fixture type

**P** = Pendant

3 Light Orientation

**D** = Indirect

4 Length

**56** = 56 inches (4' 8")

5 Lamps

2 = 2 Lamp

6 Lamp type

42 = 42 W CFL

7 Voltage

**2** = 120 V

4 = 220 V/240 V

**7** = 277 V

8 Suspension

2 = Cable 12' Ceiling

6 = Cable 16' Ceiling

9 Control option

N = Non-Dim

**5** = 5% Dim 3-Wire

Custom options available—contact **fixtures@lutron.com**.

#### Region

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

**GE** = Gloss Ebony

**GP** = Gloss Pearl White

#### Canopy Finish

#### 12 Shell Finish

GT = Gloss Titanium
GG = Gloss Graphite
GS = Gloss Slate
GC = Gloss Copper
GF = Gloss Flame
GL = Gloss Lapis

MT = Matte Titanium
MG = Matte Graphite
MS = Matte Slate
MC = Matte Copper
MF = Matte Flame
ML = Matte Lapis

ME = Matte Ebony

GA = Gloss Arctic White

MA = Matte Arctic White

**MP** = Matte Pearl White

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Designed by Lewis. Tsurumaki. Lewis Architectects, the Rotare pendant is a direct/indirect sculptural linear fluorescent 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 16 ft/488 cm high ceiling. Longer lengths available upon request. Pole versions also available.
- · Lens: 0.020" (.5 mm) thick white translucent acrylic film.
- · Lamp: One 54 W T5 HO or 28 W T5 HE fluorescent lamp (not included).
- · Sockets: Twist-lock installation.
- Controls: 1% 3-wire dimming 54 W T5HO, and 28 W T5HE 120-277 V~, 347 V~; Nondimming, T5HO and T5HE 120-277 V~, 347 V~ ballasts.

- 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**

Boadrooms, videoconferencing 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: 4-ft 4 in (134.11 cm)

#### Color

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

> Technical documents available at www.ivalolighting.com.

# How to order a Rotare pendant

#### **Example model number**

GT 12

# Fixture Options

- Family
  - $\mathbf{R}$  = Rotare
- 2 Fixture type P = Pendant
- **Light Orientation** 
  - D = Direct/Indirect
- 4 Length
  - 48 = 48 inches (4')
- 5 Lamps
  - 2 = 2 lamp
- 6 Lamp type
  - 28 = 4' T5HE FL
  - **54** = 4' T5HO FL
- 7 Voltage
  - **2** = 120 V
  - 3 = 347 V
  - 4 = 220 V/240 V
  - **7** = 277 V
- **Suspension** 
  - 2 = Cable 12' Ceiling
  - 6 = Cable 16' Ceiling

fixtures@lutron.com.

#### **Control option**

N = Non-Dim

#### 10 Region

- U = UL North America
- I = International

#### **Canopy Finish**

- **GS** = Gloss Slate
- **GC** = Gloss Copper
- **GL** = Gloss Lapis

- **GP** = Gloss Pearl White
- **PM** = Metallic Silver
- **PB** = Bronze

12 Shell Finish

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

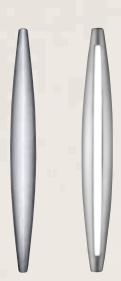
**MP** = Matte Pearl White

- **GT** = Gloss Titanium
- **GG** = Gloss Graphite

- **GF** = Gloss Flame
- **GE** = Gloss Ebony
- **GA** = Gloss Arctic White
- **PS** = Silver

Custom options available—contact

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The Aliante Sconce is a wall mounted, direct/indirect or indirect sculptural linear fluorescent 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.
- Lamp: One 54 W T5 HO or 28 W T5HE fluorescent lamp (not included).
- · Sockets: Twist-lock installation.
- Controls: 1% 3-wire dimming 54 W T5HO, and 28 W T5HE 120 277 V~, 347 V~; Nondimming, T5HO and T5HE 120 277 V~, 347 V~ ballasts.
- Junction box: 4 in (10 cm) octagonal or round supplied by others.
- Weight: 11 lbs (5 kg).
- ADA Compliant: Designed to protrude less than 4in 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.ivalolighting.com.** 

# How to order an Aliante Sconce

## **Example model number**

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

# Fixture Options

- **Tamily** 
  - A = Aliante
- Fixture type
  - N = Interior Sconce
  - E = Exterior Sconce\*
- 3 Light Orientation
  - N = Indirect
  - **D** = Direct/Indirect
- 4 Length
  - 60 = 60 inches
  - **48** = 48 inches
- 5 Lamps
  - 1 = 1 Lamp
- 6 Lamp type
  - **35** = 5' T5HE FL
  - $80 = 5' T5HO FL^*$
  - 28 = 4' T5HE FL
  - **54** = 4' T5HO FL
- 7 Voltage
  - **2** = 120 V
  - $3 = 347 \,\mathrm{V}^*$
  - 4 = 220 V/240 V
  - **7** = 277 V

Custom options available—contact **fixtures@lutron.com**.

## 8 Suspension

W = Wall Mount

## Control option

- $N = Non-Dim^*$
- **0** = 10% Dim 3-Wire
- **1** = 1% Dim 3-Wire

#### Region

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

#### Chassis Finish

**PS** = Silver

# 12 Shell Finish

- **GT** = Gloss Titanium
- **GG** = Gloss Graphite
- **GS** = Gloss Slate

MT = Matte Titanium

MG = Matte Graphite

MC = Matte Copper

**MF** = Matte Flame

**ML** = Matte Lapis

ME = Matte EbonyMA = Matte Arctic White

**MP** = Matte Pearl White

MS = Matte Slate

- GC = Gloss Copper
- **GF** = Gloss Flame
- **GL** = Gloss Lapis
- **GE** = Gloss Ebony
- **GA** = Gloss Arctic White
- GA = GIOSS AICTIC VVI
- **GP** = Gloss Pearl White
- **AN** = Brushed Anodized Clear
- AB = Brushed Anodized Black
- **PS** = Silver
- **PM** = Metallic Silver
- **PB** = Bronze

\*non-dim 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). Neutral white 12 W high efficiency LED array provided with LED models.
- 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: 1% 3-wire dimming for 26 and 32 W CFL and LED options 120 - 277 V~. 5% 3-wire dimming for 26/32/42 W CFL 120-277 V~. Non-dimming for 26/32/42 W fluorescent and LED.
- Junction box: 4 in (10 cm) octagonal, rectangular or round supplied by others.
- Weight: CFL, LED 4.5 lbs (2.1 kg), Incandescent -3.6 lbs (1.6 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, 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.ivalolighting.com.** 

# How to order an Aliante demi-sconce

## **Example model number**

A E N 27 1 26 2 W N U WH GT

1 2 3 4 5 6 7 8 9 10 11 12

# Fixture Options

- **Family** 
  - A = Aliante
- 2 Fixture type
  - N = Interior Sconce
  - E = Exterior Sconce
- 3 Light Orientation
  - **N** = Indirect
  - **D** = Direct/Indirect
- 4 Length
  - **27** = 27 inches
  - **21** = 21 inches
- 5 Lamps
  - **1** = 1 Lamp
  - L = Multiple LEDs
- 6 Lamp type
  - **26** = 26W CFL
  - 32 = 32 W CFL
  - 42 = 42 W CFL
  - **H9**\* = 35/39 W Metal Halide
  - **NL** = Neutral White LED
  - 6N = 60W Incandescent
- 7 Voltage
  - 2 = 120 V
  - 4 = 220 V/240 V
  - **7** = 277 V

Custom options available—contact **fixtures@lutron.com**.

- Suspension
  - W = Wall Mount
- Control option
  - $N = Non-Dim^{\dagger}$
  - **5** = 5% Dim 3-Wire
  - $\mathbf{D} = 1\% \text{ Dim } 2\text{-Wire}^{\#}$
  - **1** = 1% Dim 3-Wire
- 10 Region
  - **U** = UL North America
  - I = International
- 11 Chassis Finish
  - WH = White
- 12 Shell Finish
  - **GT** = Gloss Titanium

MT = Matte Titanium

**MG** = Matte Graphite

MC = Matte Copper

**MF** = Matte Flame

**ML** = Matte Lapis

**ME** = Matte Ebony

MA = Matte Arctic White

**MP** = Matte Pearl White

MS = Matte Slate

- **GG** = Gloss Graphite
- **aa** = aloss arapri
- **GS** = Gloss Slate
- **GC** = Gloss Copper
- **GF** = Gloss Flame
- GL = Gloss Lapis
- al = dioss Lapis
- **GE** = Gloss Ebony
- **GA** = Gloss Arctic White
- **GP** = Gloss Pearl White
- **AN** = Brushed Anodized Clear
- **AB** = Brushed Anodized Black
- DO O'll and
- **PS** = Silver
- **PM** = Metallic Silver
- **PB** = Bronze

\*non-dim only
† exterior non-dim only

# multiple LEDs(L) only

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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.ivalolighting.com.** 

# How to order a Silvus sconce

#### **Example model number**

S N N 48 1 28 2 W N U BL GT 1 2 3 4 5 6 7 8 9 10 11 12

# Fixture Options

Family

S = Silvus

2 Fixture type

**N** = Interior Sconce

E = Exterior Sconce

3 Light Orientation

**D** = Direct/Indirect

4 Length Silvus 24

Length Silvus 30

**24** = 24 inches

30 = 30 inches

**48** = 48 inches

**60** = 60 inches

**72** = 72 inches

**90** = 90 inches

5 Lamps

L = Multiple LEDs

6 Lamp type

RL = Red LED\*\*

**GL** = Green LED\*\*

**BL** = Blue LED\*\*

**AL** = Amber LED\*\*

**WL** = Warm White LED\*\*

**RG** = RGB Color Changing LED

7 Voltage

2 = 120 V

4 = 220 V/240 V

**7** = 277 V

Custom options available—contact **fixtures@lutron.com**.

#### Suspension

W = Wall Mount

#### 9 Control option

P = Pulse\*

N = Non-Dim

#### Region

U = UL - North AmericaI = International

#### Canopy Finish

**BL** = Black

#### 12 Shell Finish

**GT** = Gloss Titanium

**31** – 01033 Htariluiti

**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

ME = Matte Ebony
MA = Matte Arctic White

**MT** = Matte Titanium

**MG** = Matte Graphite

MC = Matte Copper

**MF** = Matte Flame

**ML** = Matte Lapis

MS = Matte Slate

MA = Matte Arctic vynite

**MP** = Matte Pearl White

\* required for RGB (RG) lamp type

\*\* non-dim only

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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: 7 W (Neutral White at 4500K CCT or Warm White at 2700K CCT) LED string integrated into fixture.
- Controls: 1% dimming for LED 120-277 V~
- · 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 4in 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), powder coat (required for exterior applications)

> Technical documents available at www.ivalolighting.com.

# How to order a L'ale sconce

#### **Example model number**

GT 12

# Fixture Options

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

N = Interior sconce

3 Light Orientation

**D** = Direct/Indirect

4 Length

27 = 27 inches

5 Lamps

L = Multiple LEDs

6 Lamp type

**NL** = Neutral White LED

WL = Warm White LED

7 Voltage

**2** = 120 V

4 = 220 V/240 V

**7** = 277 V

8 Suspension

**W** = Wall Mount

9 Control option

N = Non-Dim

**1** = 1% Dim 3-Wire

**D** = 1% Dim 2-Wire\*

Region

**U** = UL – North America

I = International

**Chassis Finish** 

**BL** = Black

12 **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

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

Custom options available—contact fixtures@lutron.com.

\* 120V only



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

## Features and capacities

- · Fixture shell: Constructed using stamped steel.
- · Inner Reflector: Mirrored aluminum.
- Lamp: One 54 W T5 HO or 28 W T5 HE fluorescent lamp (not included).
- Sockets: Twist-lock installation.
- Controls: 1% 3-wire dimming 54 W T5HO, and 28 W T5HE 120 277 V~, 347 V~; Nondimming, T5HO and T5HE 120 277 V~, 347 V~ ballasts.
- Junction Box: Horizontal switch box or 4" (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 4in 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: 4-ft 4in (134.11 cm)

#### Color

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

Technical documents available at **www.ivalolighting.com.** 

# How to order a Rotare sconce

#### **Example model number**

R N N 48 1 28 2 W N U BL GT

1 2 3 4 5 6 7 8 9 10 11 12

# Fixture Options

- 1 Family
  - $\mathbf{R} = \text{Rotare}$
- 2 Fixture type
  - N = Interior Sconce
- 3 Light Orientation
  - N = Indirect
- 4 Length
  - **48** = 48 inches
- 5 Lamps
  - 1 = 1 lamp
- 6 Lamp type
  - **28** = 4' T5HE FL
  - **54** = 4' T5HO FL
- 7 Voltage
  - **2** = 120 V
  - $3 = 347 V^*$
  - 4 = 220 V/240 V
  - **7** = 277 V
- 8 Suspension
  - W = Wall Mount

fixtures@lutron.com.

Custom options available—contact

- 9 Control option
  - N = Non-Dim
  - **1** = 1% Dim 3-wire
- 10 Region
  - U = UL North America
  - I = International
- 11 Canopy Finish
  - **BL** = Black
- 12 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 TitaniumMG = Matte Graphite
- MS = Matte Slate
- MC = Matte Copper
- ivio = Matte Coppe
- **MF** = Matte Flame
- ML = Matte Lapis
- **ME** = Matte Ebony
- MA = Matte Arctic White
- **MP** = Matte Pearl White

\* non-dim only



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.
- Lamp: One 42 W triple tube compact fluorescent lamp (CFL) (not included). Red, green, blue, amber or white (neutral or warm) 12 Watt high efficiency LED array provided with LED models.
- · Sockets: Twist-lock for CFL configuration. LED module is hard-wired and designed to last the lifetime of the fixture.
- Controls: 5% 3-wire dimming for fluorescent 120 - 277 V~. 1% dimming for LED 120 - 277 V~. Nondimming for fluorescent and LED 120 - 277 V~.
- Junction box: 4 in (10 cm) octagonal, round, or rectangular switch box supplied by others.
- Weight: 5.2lbs (2.3kg).
- ADA compliant: Designed to protrude less than 4in 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 4in (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.ivalolighting.com.

# How to order an Inflection sconce

#### **Example model number**

GT 12

# Fixture Options

**Family** 

N = Inflection

Fixture type

N = Interior sconce

3 Light Orientation

N = Indirect

4 Length

23 = 23 inches

5 Lamps

**1** = 1 CFL Lamp\*

L = Multiple LEDs

Lamp type

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

**NL** = Neutral White

**RL** = Red LED

**GL** = Green LED

**BL** = Blue LED

AL = Amber LED

WL = Warm White LED

Custom options available—contact

7 Voltage

**2** = 120 V

4 = 220 V/240 V

fixtures@lutron.com.

**7** = 277 V

## 8 Suspension

W = Wall Mount

9 Control option

N = Non-Dim

**5** = 5% Dim 3-Wire\*

1 = 1% Dim 3-Wire#

**D** = 1% Dim 2-Wire

10 Region

**U** = UL – North America

I = International

11 Chassis Finish

**WH** = White

#### 12 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

\* CFL only

# 120 V only

Lutron 49 48 Lutron

# Recessed Lighting | Finiré® LED recessed lighting





Finiré eliminates guesswork by ensuring 100% compatibility between LED fixtures, drivers, and controls. It is available in 15 W and 22 W; the 15 W luminaire provides high energy efficiency while the 22 W luminaire provides high performance. Both deliver smooth, flicker-free dimming.

#### **Features and capacities**

- Powerful LED module in efficient parabolic trim with excellent cutoff.
- · Standard Lutron Hi-lume® LED Driver delivers continuous, flicker-free dimming from 100% down to 1% of measured light output.
- · All LED modules with integrated heat sink and drivers are field replaceable and upgradable as technology improves.
- Insulation contact (IC) fixtures available in 15 W only
- 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 ga. steel.
- Supplied with 14 in 24 in (35.56-60.96 cm) adjustable bar hangars.
- UL and cUL Listed

## **Typical applications**

Conference rooms, offices, and residences

## **Dimensions and mounting**

Mounting:

- T-bar C-channel (trimmed models only)
- Gypsum (trimmed or trimless)

Housing:

- Height: 9.5 in (241.3 mm)
- Depth: 12.5 in (317.5 mm)
- Height: 6.5 in (1651.1 mm)

#### Color

Trims:

· Matte white, matte black, stainless metal, clear bright alzak, wheat alzak, oil-rubbed bronze



# How to order a Finiré LED Recessed Lighting

## **Example model number**

XX R4466 MW SO XX 13

## Fixture Options

1 Family

F = Finiré Recessed Lighting

**D** = Downlight (std)

W = Wall Wash

A = Adjustable

3 Flange

**T** = Trimmed (std)

**Z** = Trimless

4 Size

4 = 4 in. Series

5 Aperture

R = Round (std)

S = Square

6 Housing

**N** = Non Insulation Contact (std)

■ = Insulation Contact (15 W only)

7 LED Wattage

15 = 15 W

**22** = 22 W (non-IC only)

8 Color Temperature

**27** = 2700K

**31** = 3100K

**35** = 3500K

**41** = 4100K

**Beam** 

**WD** = Wide Beam Spread (std)

**PH** = Pin Hole

**SL** = Slotted Pin Hole

**Control Method** 

**31** = 3 Wire, 120 V~LED Driver

**37** = 3 Wire, 277 V~LED Driver

E1 = EcoSystem<sub>®</sub>, 120V~Driver

E7 = EcoSystem, 277 V~Driver

F1 = Forward Phase, 120V~Driver

Hanging

**B2** = 14-24 in. Adjustable Hangers (std)

**B6** = 8-13 in. Adjustable Hangers

C4 = C-Channel

**Ceiling Thickness** 

XX = Up to 5/8 in

10 = 1.0 in. Plastic Ring

**15** = 1.5 in. Plastic Ring

**20** = 2.0 in. Plastic Ring

13 Round Trim

R4466 = Round Downlight (std)

R4966 = Round Wall Wash

R4500 = Round Adjustable

**R4105** = Round Pin Hole Downlight

R4106 = Round Slotted Adjustable

**Z4466** = Trimless Round Downlight

**Z4966** = Trimless Round Wass Wash

**Z4500** = Trimless Round Adjustable

**Square Trim** 

R0404 = Square Downlight

R0104 = Square Wall Wash

R0204 = Square Adjustable

R4004 = Square Pin Hole Downlight

**Z0404** = Trimless Square Downlight

**Z0104** = Trimless Square Wall Wash

**Z0204** = Trimless Square Adjustable

**Finish** 

MW = Matte White (std)

Matte Black BL =

SG = Stainless

Clear Bright Alzak

WE = Wheat Alzak

Oil-Rubbed Bronze

15 Lens

SO = Micro Prism Solite

**FG** = Frosted Glass

XX = None

16 Options

XX = None (Std)

**WL** = Wet Location

FR = Round Frosted Glass Ring

**CR** = Round Clear Glass

TF = Round Tier Center Frosted Glass

**SS** = Round Stainless Steel Bezel

**CQ** = Square Clear Glass

**FQ** = Square Frosted Glass Ring

Custom options available—contact fixtures@lutron.com.

# **Pendants and Sconces**

Example: Aliante® pendant

1	2	3	4	5	6	7	8	9	10	11	12
Family	Fixture type	Light orientation	Length	Lamps	Lamp	Voltage	Suspension	Control options	Region	Canopy	Shell finish
A	Р	D	60	2	35	2	6	1	U	AN	AN
included	included	+	included	+	included	included			included		

# Your Turn:

1 Family	Fixture type	Light orientation	4 Length	5 Lamps	6 Lamp type	7 Voltage	8 Suspension	9 Control options	10 Region	Canopy finish	Shell finish
included	+	+	+	+	+	included	+	+	included	+	+

# Finiré® LED recessed lighting

Example: Downlight—trimless

1 Family	<b>2</b> Type	3 Flange	4 Size	5 Aperture	6 Housing	7 LED Wattage	8 Color Temperature	9 Beam	Control Method	11 Hanging	Ceiling Thickness	13 Trim	14 Finish	15 Lens	16 Options
F	D	Z	4	R	N	15	27	WD	31	B2	10	<b>Z</b> 4466	CL	so	XX
included	included	included	included	included	included	included	included	+	included	included	+	included	+	included	included

# Your Turn:

1 Family	<b>2</b> Type	3 Flange	4 Size	5 Aperture	6 Housing	7 LED Wattage	8 Color Temperature	9 Beam	Control Method	11 Hanging	12 Ceiling Thickness	13 Trim	14 Finish	15 Lens	16 Options
included	+	included	included	included	+	included	included	+	included	included	+	included	+	included	+

# 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 <sub>®</sub> digital link	EcoSystem H-Series	T8 linear and T5 linear	Linear Recessed: Parabolic, Center Basket, Volumetric High Bay: Athlite, Warehouse
1%	EcoSystem digital link and 3-wire	Hi-lume® 3D	T8 linear and T5 linear	Stairwell: PowPak, Vandal Resistant Linear Recessed: Parabolic, Center Basket, Volumetric, Wall Wash Video Conference: Indirect Wash
5%	EcoSystem digital link	EcoSystem compact	T4 CFL	Recessed Lighting: CFL Downlight, Wall Wash
J /0	and 3-wire	Hi-lume 3D	Twin Tube	Video Conference: Indirect Wash Linear Recessed: Parabolic, Center Basket, Volumetric
10%	EcoSystem digital link and 3-wire	EcoSystem  Collaboration  Collaborat	T8 linear and T5 linear	High Bay: Athlite, Warehouse

## **LED Drivers**

Low-end dimming leve	el Control options	Driver family	Compatible LED types	
1%	EcoSystem digital link, 3-wire and 2-wire forward phase	Hi-lume A-Series LED driver	LED	Stairwell: LED  Recessed Lighting: Finire LED, Downlight, Wall Wash, Adjustable

# 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.



# **3** Know your space

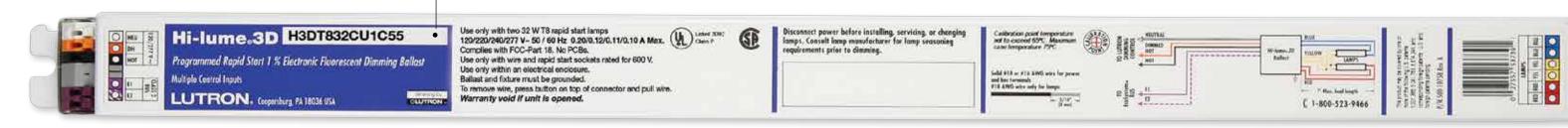
You can achieve the greatest energy savings by deciding on the perfect number of lumens required for a space, avoiding over-lighting and wasted energy.

**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/foot<sup>2</sup> 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



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# Fixtures | Quick reference guide

Family	Fixture type	Size/Length	Page #
Digital Luminaires Stairwell, p	g. 04		
		1'×2'	4
	PowPak®	1'x3'	4
	(standard)	1'x4'	4
		1'x8'	4
		1'x2'	6
	Vandal Resistant	1'x4'	6
	LED	1'x2'	8
		1'x2'	10
		1'x3'	10
	Stairwell Retrofit Kit	1'x4'	10
		1'x8'	10
Digital Luminaires High Bay, p	og. 12		
	Athlite™	2'x4'	12
	Warehouse	2'x4'	14
Digital Luminaires Video Conf	erence, pg. 16	'	'
10		1'x2'	16
	Indirect	2'x2'	16
Digital Luminaires Recessed I	_ighting, pg. 18		
a A	Downlight/Wall Wash	6"	18

Family	Fixture type	Size/Length	Page #
Digital Luminaires Linear Recess	ed, pg. 20		
	Parabolic	2'x2'	20
		2'x4'	20
	Contay Dool of	2'x2'	22
	Center Basket	2'x4'	22
	Valumatria	2'x2'	24
	Volumetric	2'x4'	24
	Wall Wash	1'x2'	26

# Fixtures | Quick reference guide

Family	Fixture type	Size/Length	Page #
Ivalo <sub>®</sub> Pendants, pg. 28			
	Aliante⊚	4'	28
		5'	28
	Daedalus⊚	5'	30
	L'ale <sub>®</sub>	4'8"	32
	Rotare⊚	4'	34

Family	Fixture type	Size/Length	Page #	
Ivalo Exterior/Interior Sconces	s, pg. 36			
		48"	36	
	Aliante	60"	36	
		21"	38	
V	Aliante Demi	27"	38	
	Oil. core	24"	40	
	Silvus⊚	30"	40	
Ivalo Interior Sconces, pg. 40				
	L'ale	27"	42	
	Rotare	48"	44	
	Inflection®	23"	46	
Ivalo Recessed Lighting, pg. 48				
	Finiré®	4"	48	



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