Digital luminaire solutions
Lutron is your single-source manufacturer for high quality, easy-to-install luminaires, ballasts, and controls. All Lutron fixtures are backed with a 1 year manufacturer’s warranty. In addition, all Lutron ballasts are guaranteed for 5 years with Lutron start-up.

Lutron digital luminaire solutions

**High-performance dimming**
Lutron digital luminaire solutions feature high-performance dimming capability. All fixtures are pre-assembled and pre-tested with integral Lutron Hi-lume® 3D, Hi-lume Compact SE®, or EcoSystem® ballasts, and associated cabling to simplify field connectivity.

**Improved flexibility of any space**
Dimmable digital luminaires allow lighting to be tailored for a variety of tasks in any space.

**Energy savings**
Controllable lighting can be used in many places throughout a building to save up to 50% more energy as compared to conventional switched lighting.

**Improved comfort and productivity**
Providing building occupants with the ability to adjust light levels for their specific needs has been shown to improve worker satisfaction and enhance productivity.

**Benefits**

**Single manufacturer solution**
Fewer problems at the job site because there is one point of contact for the entire solution.

**Quality and reliability**
Every product is 100% end-of-line tested before it leaves the factory ensuring that it works the first time, every time.

**Ballast warranty**
A 3-year warranty (5 years with Lutron start-up) means the Lutron fixture is guaranteed to perform.

Lutron fluorescent luminaires are equipped with integral digital dimming ballasts and controls.

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Video conference luminaire

Lutron video conference luminaires provide a wide horizontal throw in three directions, allowing for even vertical illumination. The indirect optical system shields the lamps from view increasing visual comfort and enhancing the look and feel of the space. It reduces facial shadowing, and minimizes lighting on the front-of-room display to ensure better screen contrast and image sharpness.

Features
• Dims smoothly and continuously from 100% to 5% of total light output
• Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum image quality and provides low light levels for other functions in the space
• Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings, drywall ceilings and surface mount applications
• Uses two 50 Watt, T5 twin tube, compact fluorescent lamps (35K, FT50W/2G11/RS/35 lamps not included)

Indirect wash luminaire

Lutron indirect wash luminaires are ideal for the distance learning environment where precise, quality lighting on the presenter is needed without glare.

Features—Standard Mount Luminaire
• Dims smoothly and continuously from 100% to 5% of total light output
• Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum image quality and provides low light levels for other functions in the space
• Lamps shielded from direct view to minimize glare
• Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings, drywall ceilings and surface mount applications
• Uses one 50 Watt, T5 twin tube, compact fluorescent lamp (35K, FT50W/2G11/RS/35, lamps not included)

Features—Diagonal Mount Luminaire
• Allows for mounting of the indirect wash diagonally in a T-Bar grid ceiling
• Enables flexibility of fixture placement to properly illuminate presenters in distance learning applications
• Orient lighting correctly in unusual ceiling configurations
• Simplified installation with clean, finished look
• Uses one 50 Watt, T5 twin tube, compact fluorescent lamp (35K, FT50W/2G11/RS/35 lamps not included)
Linear wall wash luminaire

Lutron linear wall wash luminaires provide even, unscalloped illumination with no glare.

**Features**
- Dims smoothly and continuously from 100% to 5% of total light output
- Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum image quality and provides low light levels for other functions in the space
- Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings, drywall ceilings and surface mount applications
- Uses one 50 Watt, T5 twin tube, compact fluorescent lamp (35K, FT50W/2G11/RS/35 lamps not included)

Dimensions:
- W: 8.50"
- L: 24.00"
- H: 3.50"

Model numbers:
- FXWW15012EUTB
- FXWW15012EUUGY
- FXWW15012EUSM

For model descriptions, see page 16.

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Recessed 6" compact fluorescent wall wash luminaire

Lutron recessed 6" compact fluorescent wall wash luminaires provide 120 degree vertical light that is as warm and vibrant as incandescent, while delivering the efficiency of a fluorescent lamp.

**Features**
- Dims smoothly and continuously from 100% to 5% of total light output
- Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
- Wall washer rotates in mount for easy aim adjustment
- Models available for installation in standard 2×2 or 2×4 T-Bar grid ceiling and drywall ceiling applications
- Uses one 26 Watt, T4 4-pin, triple tube, compact fluorescent lamp (35K, CFTR26W/GX24Q/835 lamps not included)

Dimensions:
- W: 7.50"
- L: 11.00"
- H: 7.50"

Model number:
- FXWW1MW06EUSA

For model descriptions, see page 16.
Recessed direct/indirect luminaire

Lutron recessed 2×2 and 2×4 direct/indirect luminaires offer superior brightness control and well-balanced light through distribution of direct/indirect soft light. They are ideal for lobbies, corridors, and office spaces, and are also popular for healthcare facilities to provide visual comfort for patients who look directly at the ceiling.

Features

• Smoothly and continuously dimmable from 100% to 1% (Hi-lume® 3D) or 100% to 10% (EcoSystem®) of total light output
• Integral digital Hi-lume® 3D or EcoSystem® dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
• Excellent for spaces where indirect, even lighting is desired, but ceiling heights are too low for suspended luminaries
• Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings and drywall ceilings

Lutron recessed 2×2 and 2×4 direct/indirect luminaires provide controllable lighting and energy savings with a traditional incandescent downlight appearance. Using a 32 Watt compact fluorescent lamp, this luminaire provides the lighting level equivalent to a 150 Watt incandescent lamp and provides the warm look of incandescent light.

Features

• Smoothly and continuously dimmable from 100% to 5% of total light output
• Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
• Aluminized glass R40D reflector reduces glare and increases light output directly beneath the luminaire
• Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings and drywall ceilings

Lutron digital luminaires

Recessed 6" compact fluorescent downlight luminaire

Lutron recessed 6" compact fluorescent downlight luminaires provide controllable lighting and energy savings with a traditional incandescent downlight appearance. Using a 32 Watt compact fluorescent lamp, this luminaire provides the lighting level equivalent to a 150 Watt incandescent lamp and provides the warm look of incandescent light.

Features

• Smoothly and continuously dimmable from 100% to 5% of total light output
• Integral digital EcoSystem® dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
• Aluminized glass R40D reflector reduces glare and increases light output directly beneath the luminaire
• Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings and drywall ceilings
• Uses one 32 Watt, T4 4-pin, triple tube, compact fluorescent lamp (35K, CFTR32W/GX24Q/835 lamps not included) or one 26 Watt, T4 4-pin, triple tube, compact fluorescent lamp (35K, CFTR26W/GX24Q/835 lamps not included)
Lutron digital luminaires

**Recessed parabolic louvered luminaire**

Lutron recessed 2×2 and 2×4 parabolic louvered luminaires provide high efficiency and create an appropriate visual environment for any task in commercial and institutional spaces.

**Features**
- Dims smoothly and continuously from 100% to 1% (Hi-lume® 3D) or 100% to 10% (EcoSystem®) of total light output
- Integral digital Hi-lume 3D or EcoSystem dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
- Models available for installation in standard 2×2 or 2×4 T-Bar grid ceilings
- 2×4 model uses three 32 Watt, T8 linear fluorescent lamps (35K, F32T8/SP35 lamps not included)
- 2×2 model uses two 32 Watt, T8 U-bent fluorescent lamps (35K, F32T8/SP35/U/6 lamps not included)

**Dimensions:**
- **2×2**
  - W: 24.00"  
  - L: 24.00"  
  - H: 5.625"
- **2×4**
  - W: 24.00"  
  - L: 48.00"  
  - H: 5.0625"

**Model numbers:**
- FXPG33224HD17U
- FXSPG33224EU18
- FXPG23222HD17U
- FXSPG23222EU09

For model descriptions, see page 16.

**Athlite™ high bay luminaires**

Lutron Athlite high bay luminaires save energy and increase flexibility and functionality. Provide superior lighting to high bay applications, including gyms, retail stores, manufacturing areas, warehouse areas, supermarkets, and multi-purpose rooms. Athlite high bay fluorescent luminaires have higher efficiency, greater controllability and reduced maintenance costs compared to HID lighting.

**Features**
- Dims smoothly and continuously from 100% to 10% of total light output
- Integral digital EcoSystem dimming ballast enables adjustment of light levels for optimum visual comfort and provides low light levels for other functions in the space
- Produces a wide angle of light distribution with a high-performance design
- Models available for installation in cable suspended, conduit mount, or recessed applications
- Uses six 32 Watt, T8 linear fluorescent lamps (35K, F32T8/SP35 lamps not included) or four 54 Watt, T5HO linear fluorescent lamps (35K, F54W/T5/835 lamps not included)

**Dimensions:**
- **W: 24.00"**
- **L: 48.00"**
- **H: 5.0625"

**Model numbers:**
- FXHB63224EU
- FXHBR63224EU
- FXHB45424EU

For model descriptions, see page 16.
Hi-lume® 3D ballasts
Hi-lume 3D is the world’s first fluorescent dimming ballast that dims lights to less than 1% for T8 lamps.

Performance: broadest dimming range, 100% to 0.7% of total light output for T8 lamps.
Versatility: compatible with 3-wire controls and digital controls; universal voltage input and small 1"-high profile.
Efficiency: industry-leading ballast efficacy of up to 100 lumens per watt.

www.lutron.com/hilume3D

EcoSystem® ballasts for compact fluorescents
EcoSystem digitally addressable dimming ballasts dim lights from 100% to 5%.

Performance: dimming range of 100% to 5% for T4 triple tube and T4 tubes.
Versatility: flexible control options with EcoSystem digital controls and 3 wire fluorescent control.
Efficiency: ultra-low standby power (<1 W) when lamps are off to maximize energy savings.

www.lutron.com/ecosystem

Hi-lume® LED drivers
Hi-lume LED drivers provide energy-efficient dimming from 100% to 1%. Hi-lume LED has precision microprocessor control and integral thermal management to achieve energy savings and extended product life.

Performance: smooth dimming from 100% to 1% of total light output.
Versatility: compatible with 3-wire controls and digital controls; universal voltage input and 1”-high profile.
Reliability: 100% performance tested; service-free lifetime of at least 50,000 hours.

www.lutron.com/hilumeled

For qualified LED fixtures visit www.lutron.com/hilumeled/fixtures
Digital control system layout

GRAFIK Eye® QS Wireless with EcoSystem® customizable preset light control with built-in clock that allows users to adjust the lights and shades for any task and save energy at the touch of a button.

QS link

- Power and communications (4-conductor)
- Communications (2-conductor digital bus)
- Wireless RF Communication

QS RS-232/Ethernet interface allows for seamless integration with A/V, HVAC, and building management systems.

Quantum® provides total light management for an entire building.

Sivoia QS smart panel power supply

Sivoia® QS shades reduce glare and solar heat gain for increased comfort, productivity, and energy savings while preserving exterior views.

seeTouch® QS keypads control lights and shades at the touch of a button.

Additional QS devices

- QS contact closure interface provides integration with third-party equipment requiring contact closure input/output.
- QS DMX interface provides integration with LEDs and theatrical equipment.

Third-party devices

For more information about GRAFIK Eye QS visit www.lutron.com/grafikeyeqs.
NEW Radio Powr Savr™ wireless daylight sensor
adjusts electric light levels in response to the amount
of available daylight.

Sivoia® QS wireless shades
quietly move precision-controlled shades at the touch
of a button to reduce sun glare and solar heat gain.

Radio Powr Savr™ wireless
occupancy and vacancy sensor
wireless sensor provides energy savings by ensuring
lights are off when rooms are unoccupied.

EcoSystem®/Hi-lume® 3D digital addressable ballasts
save energy and increase productivity by managing
daylight and electric light with digital addressable ballasts.

seeTouch® QS keypad
adjusts lights and shades to achieve
the optimal light level for any task—
all at the touch of a button.

Pico® wireless control
tabletop, handheld, or wall-mount controls
that adjust lights or shades from anywhere
in the room.

QS RS-232/Ethernet interface
integrates with building management systems
so you can easily control lights, shades, video
and temperature from one device.

GRAFIK Eye® QS Wireless with EcoSystem®
customizable preset light control with built-in timeclock
that allows users to adjust the lights and shades for
any task and save energy at the touch of a button.

For more information about GRAFIK Eye QS visit www.lutron.com/grafikeyeqs
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* For remodel or retrofit models, please contact Lutron.

For additional options (emergency, surface mount, sensor whips, or mounting options) see appropriate specification sheets.