

EcoSystem® H-Series Ballast

The most flexible and cost-effective EcoSystem ballast for high performance 1% dimming



NEW EcoSystem H-Series Ballast (actual size)



High performance dimming solutions for **any** budget

The NEW EcoSystem® H-Series ballast is a cost-effective ballast designed to expand the market for energy-saving light controls. The H-Series ballast offers superior capability, easy setup, and increased flexibility.

Superior Capability

- Digitally addressable ballasts combine superior 1% dimming performance and Lutron® reliability
- Universal voltage input (120 V, 220 V/240 V, 277 V) for all models
 - 4 ft. T8 1, 2 and 3 lamp fixtures (available in 1.0 and 1.17 ballast factor)
 - 4 ft. T5 Linear 1 and 2 lamp fixtures
 - 4 ft. T5-HO Linear 1 and 2 lamp fixtures
- 347 V input for 1 and 2 lamp fixture models
- Ballasts work with both wired and wireless sensors and controls for significant energy savings

Models are also available to meet BAA requirements of the American Recovery and Reinvestment act — visit www.lutron.com/baa for more information.

Easy Setup and Increased Versatility

- Digitally addressable system allows for easy reconfiguration of lighting fixture groups after installation
- Use with existing Hi-lume® 3D ballasts for projects with various lamp lengths
- The EcoSystem digital link offers improved flexibility and lower installation costs over 0–10 V and can be wired as class 1 or class 2, making the H-Series ballast the perfect choice for retrofit or new construction
- Works with new EcoSystem Energi Savr Node™, which acts as a connection point for Lutron EcoSystem H-Series ballasts, wired or wireless controls and sensors
- User-friendly programming application for Apple iPhone and iPod Touch mobile digital devices allows for easy space commissioning and reconfiguration*

Saves energy

- Factory-tuned ballast factors available to easily customize the ballast to a specific application to improve watts per foot
- Helps meet energy codes such as ASHRAE, Title 24, and IECC

* Apple and iPod are registered trademarks and iPhone is a trademark of Apple, Inc., registered in the U.S. and other countries.

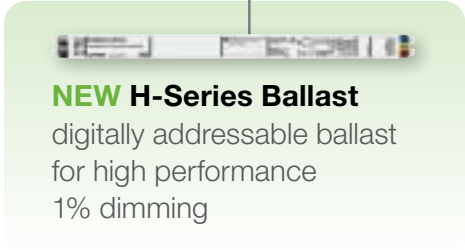
System diagram



NEW Energi Savr Node
allows for easy integration of sensors and digital controls with EcoSystem ballasts and Hi-lume A-Series LED drivers



NEW QS sensor module
communicates with wireless devices to minimize wiring for easy installation



NEW H-Series Ballast
digitally addressable ballast for high performance 1% dimming

QS link

QS link

Wireless RF communication



Radio Powr Savr™ wireless occupancy/vacancy sensor
saves energy by automatically turning lights on and off based on space occupancy



Radio Powr Savr wireless daylight sensor saves energy by automatically adjusting light levels based on the amount of daylight entering a space



Pico® wireless control
adjusts light level from anywhere in a space for enhanced productivity, comfort, and convenience

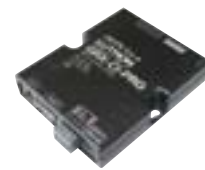
Wired components



GRAFIK Eye® QS
controls scenes and zones with intuitive, backlit buttons



Wired sensors adjust light levels based on occupancy/vacancy or available daylight



RS232 Interface links to non-Lutron devices (touch panels, HVAC, etc.)

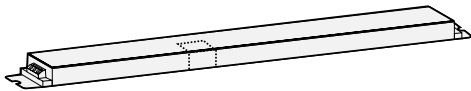
Quantum® (optional)



Link to Quantum system
for entire building control

Ordering information

Lamp type	Model number	Voltage	Number of lamps	Lamp length
T8 and U-bend	EHDT832CU110	Universal	1	4 ft.
	NEW EHDT832C347110	347V	1	4 ft.
	EHDT832CU117	Universal	1	4 ft.
	NEW EHDT832C347117	347V	1	4 ft.
	EHDT832CU210	Universal	2	4 ft.
	NEW EHDT832C347210	347V	2	4 ft.
	EHDT832CU217	Universal	2	4 ft.
	NEW EHDT832C347217	347V	2	4 ft.
	NEW EHDT832GU310	Universal	3	4 ft.
NEW EHDT832GU317	Universal	3	4 ft.	
T5 Linear	EHDT528CU110	Universal	1	4 ft.
	NEW EHDT528C347110	347V	1	4 ft.
	EHDT528CU210	Universal	2	4 ft.
	NEW EHDT528C347210	347V	2	4 ft.
T5-HO Linear	EHDT554CU110	Universal	1	4 ft.
	NEW EHDT554C347110	347V	1	4 ft.
	EHDT554CU210	Universal	2	4 ft.
	NEW EHDT554C347210	347V	2	4 ft.

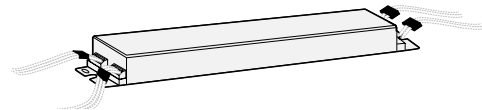


C Can Ballast

Length: 16.12 in (409 mm)

Width: 1.18 (30 mm)

Height: 1.00 in (25 mm)



G Can Ballast

Length: 7.13 in (181 mm)

Width: 2.38 (60.5 mm)

Height: 1.00 in (25 mm)

www.lutron.com

World Headquarters 1.610.282.3800

Technical Support Center 1.800.523.9466 (Available 24/7)

Customer Service 1.888.LUTRON1

