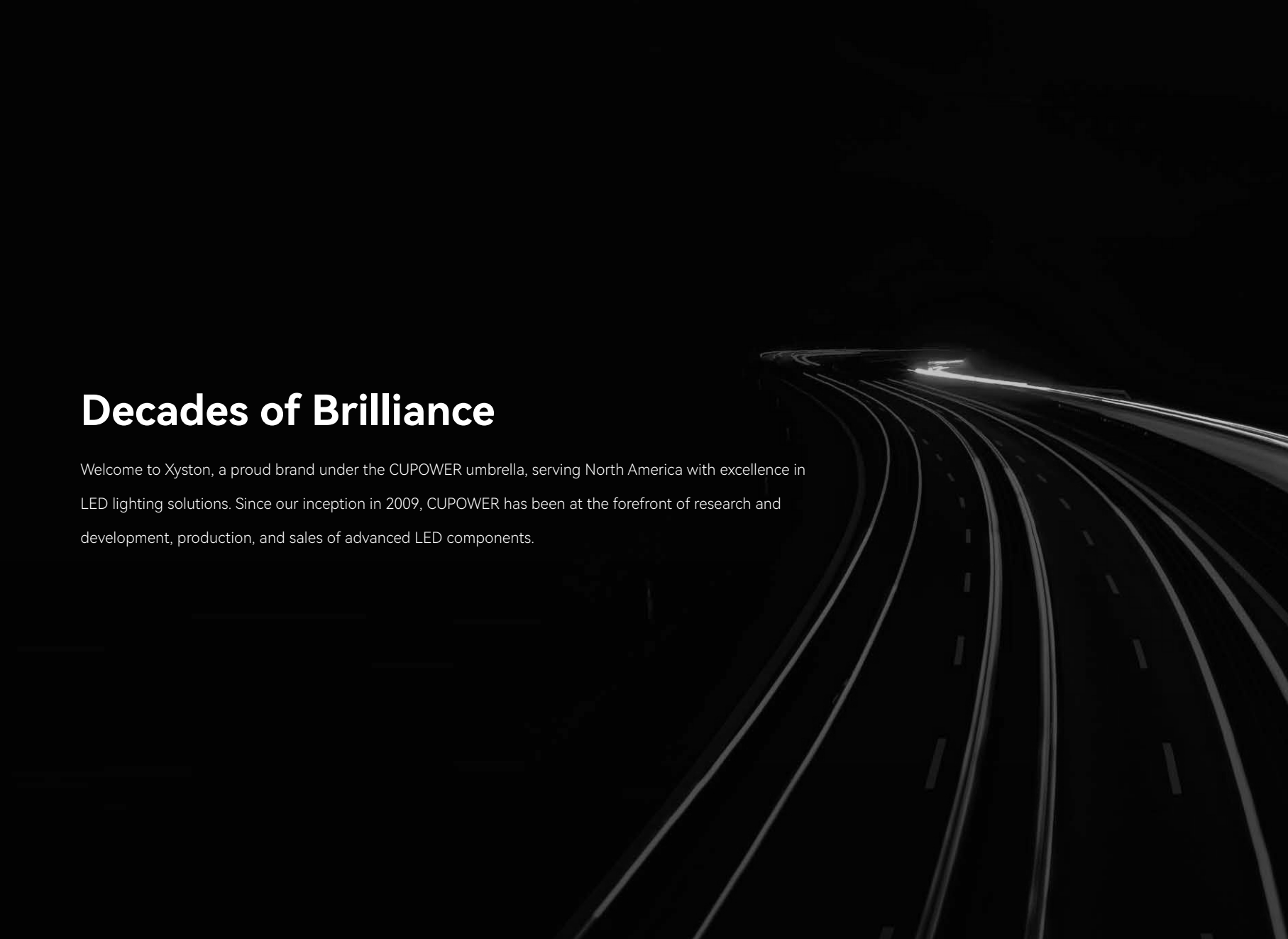
XYSTON

Lighting Solutions

www.xyston.tech

Decades of Brilliance

Welcome to Xyston, a proud brand under the CUPOWER umbrella, serving North America with excellence in LED lighting solutions. Since our inception in 2009, CUPOWER has been at the forefront of research and development, production, and sales of advanced LED components.



Lighting the way to a brighter tomorrow

At Xyston, we are dedicated to empowering high-end, well-known, and growing North American lighting manufacturers with unparalleled expertise and innovative solutions. Our team, boasting decades of experience in the lighting industry and a decade in the smart home technology sector, ensures we deliver exceptional quality and sustainability in every product we offer.

We understand the unique demands of our sophisticated clientele, and our commitment to excellence is reflected in our meticulous attention to detail and unwavering dedication to the highest standards. By leveraging cutting-edge technology and prioritizing energy efficiency, we provide advanced lighting solutions that not only illuminate spaces but also contribute to a greener, more sustainable future.

At Xyston, we are not just a supplier; we are a trusted partner in your journey towards innovation and growth.

Together, we light the way to a brighter tomorrow.

Our Legacy and Expertise

With over 14 years of experience, CUPOWER has established a robust portfolio featuring more than 300 innovative LED products designed for global markets. Our expertise extends beyond standard offerings, as we excel in delivering customized and bespoke solutions tailored to meet the unique needs of our valued customers.

Innovation at Our Core

Our commitment to innovation is powered by a dedicated R&D department that continually pushes the boundaries of LED technology. From conceptual-ization to production, our process-oriented approach ensures the creation of sophisticated LED drivers and other advanced lighting solutions, including power pack controllers, wall and remote controllers, and various sensors.

Comprehensive In-House Capabilities

At Xyston, we take pride in our comprehensive in-house production capabilities, including sheet metal forming, plastic injection moulding, assembly, and rigorous testing. These capabilities enable us to maintain efficient and flexible production processes, ensuring high-quality products and consistent service.

Quality and Customer Satisfaction

Quality is paramount at Xyston. Our stringent quality control measures ensure that only thoroughly tested products leave our facility. Our daily objective is to meet your needs and exceed your expectations, providing reliable and cutting-edge LED solutions.

Join us at Xyston, where innovation meets excellence, and together, let's illuminate a brighter future.

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Controllers

AC Powerpack Controller

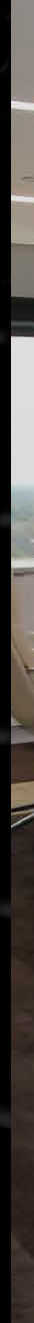
CV 5 Channel Dimmer

Multi-Dim Dual Channel Dimmer

Wallbox Interface S4

RF Interface Relay Module

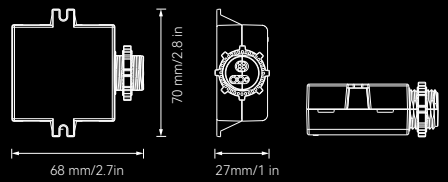
01.



AC Powerpack Controller

This is a 0-10V and DALI power pack designed for controlling constant-voltage LED loads. It features Bluetooth connectivity and Casambi-enabled functionality.

Dimensions



Part Number

XNAPPK DALI-0-10V-1CH-CAS

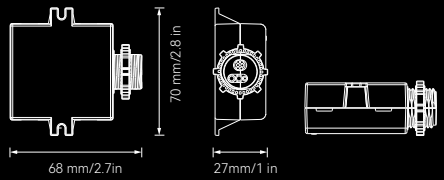
Features

- 120V-277V input for versatile installation options
- 1 channel dimming control compatible with 0-10V / DALI systems
- Supports 20A resistive and 16A lighting loads
- Zero crossing detection for improved relay life expectancy
- Casambi Ready for smart lighting integration
- Sensor input for responsive lighting control
- AUX outputs (12V and 24V) for powering additional devices
- Power monitoring for energy usage insights
- UL Listed and Plenum rated for safety and compliance

CV 5 Channel Dimmer

This is a 5-channel PWM powerpack designed for controlling constant-voltage LED loads, such as LED strips and modules. It is equipped with Bluetooth connectivity and Casambi-enabled features.

Dimensions



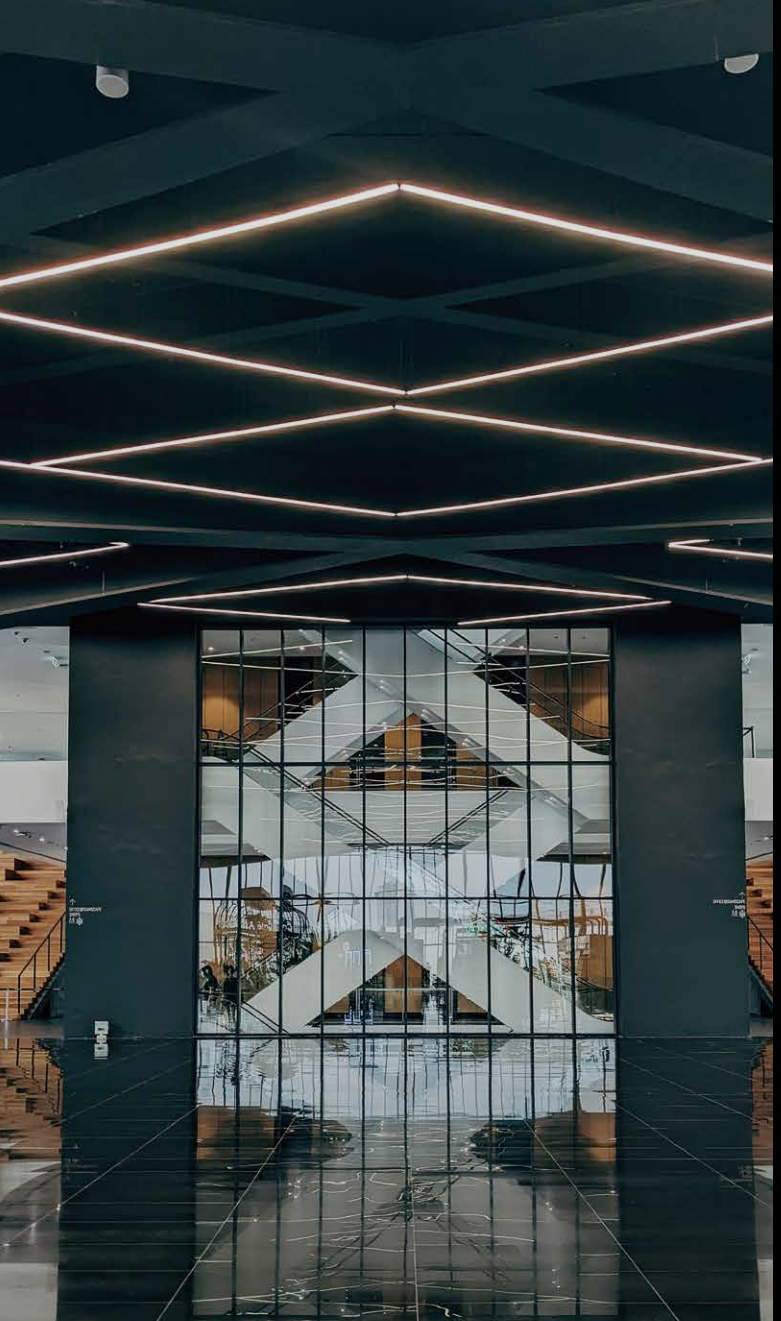
Part Number

XNAPPK PWM5CH-CAS

Features

- 12V–57V input/output range for flexibility in various LED applications
- 5-channel PWM control for precise dimming and customization
- Supports up to 6A per channel for high-performance LED management
- Up to 330W per channel, ensuring powerful and efficient operation
- Casambi Ready for seamless integration with smart lighting systems
- Sensor input for automated, responsive lighting control

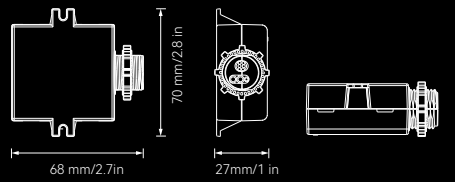
CASAMBI PWM



Multi-Dim Dual Channel Dimmer

This Multi-Dim powerpack is designed for controlling constant-voltage LED loads, such as LED strips and modules. It is equipped with Bluetooth connectivity and Casambi-enabled features.

Dimensions



Part Number

XNAPPK DALI-0-10V-PWM-2CH-CAS

Features

- 12V–57V input/output range for flexible installation across different LED systems
- 2-channel 0-10V / DALI control for versatile dimming options
- 2-channel PWM dimming for precise lighting control
- Supports up to 6A per channel for high-performance lighting management
- Up to 330W per channel for efficient and powerful operation
- Casambi Ready for seamless integration with smart lighting systems
- Sensor input for automated, responsive lighting control

CASAMBI 0-10 V DALI PWM

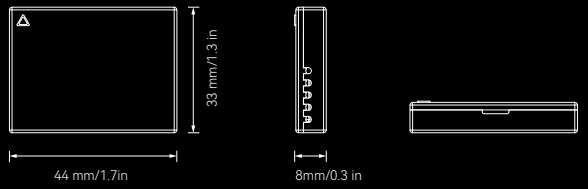
Wallbox Interface S4

This Casambi control module easily converts any legacy wall switch into a Casambi controller, allowing it to toggle or push for specific actions, such as controlling luminaires, scenes, animations, or elements. It supports both rocker/toggle switches and momentary push buttons.

Part Number

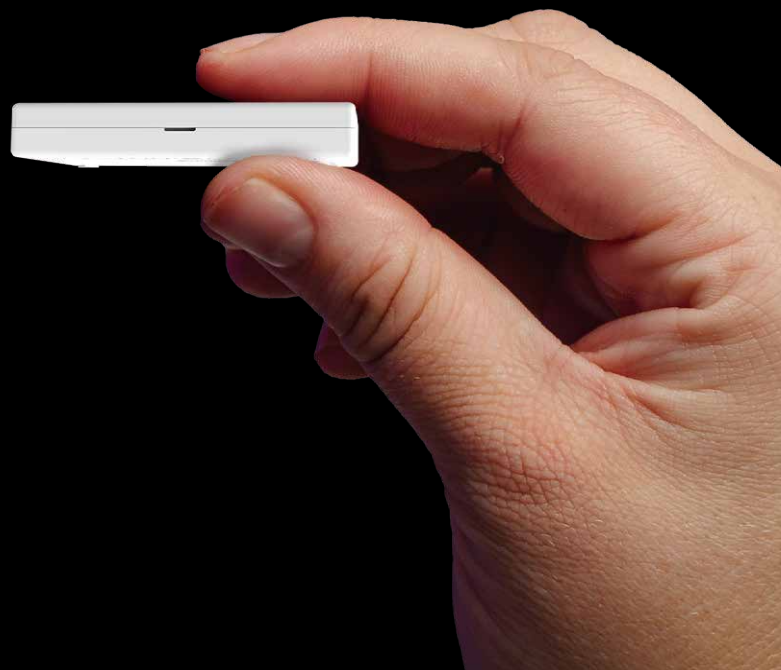
XNAWBX SwitchConvert-CAS

Dimensions



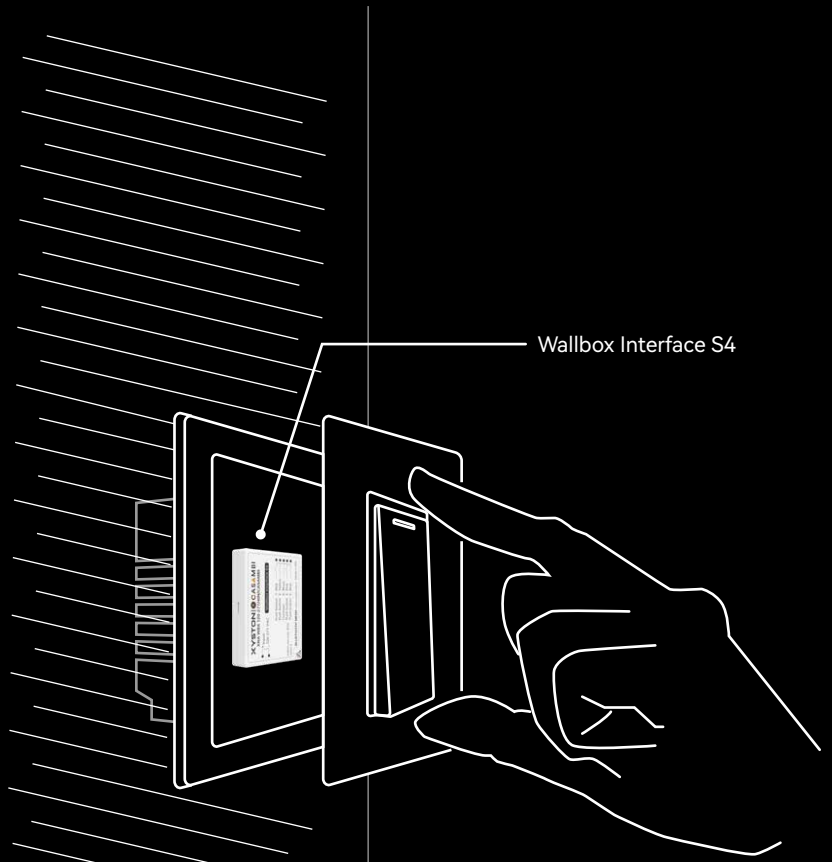
< 1 cm

0.3 in Ultra-thin



Features

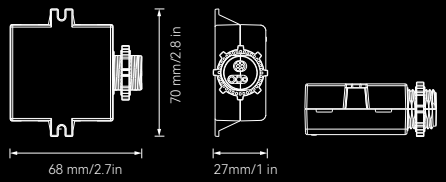
- 120–277 VAC input for versatile installation options
- 4 dry contact inputs for connecting multiple switches or devices
- Reverse voltage protection for safe and stable operation
- Supports up to 8 state actions for customizable control
- Casambi Ready for seamless integration with smart lighting systems
- UL Listed and complies with Title 24 standards for safety and compliance
- Fits in a standard wall box for easy installation


Wallbox Interface S4

RF Interface Relay Module

This dry contact Single Pole Double Throw (SPDT) actuator supports DC 8–36V and can be controlled by Xyston.

Dimensions



Part Number

XNAPPK KN-RFBridge

Features

- Single Pole Double Throw (SPDT) relay for versatile control options
- Input for wired switch for traditional manual control
- Wireless & Casambi-to-RF bridge capabilities for seamless integration
- Casambi Ready for compatibility with smart lighting systems
- Compact Powerpack form factor for easy installation
- Upgrade traditional wired devices to an intelligent system for enhanced functionality

CASAMBI

Switches & Remote Control

AC Dimmer Switch

Kinetic Switch

RF Bridge & Relay Module

8-Button Hand-Held Remote

Dial Remote

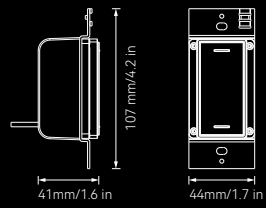
Wall Outlet / Receptacle

02.

AC Dimmer Switch

This phase cut dimmer provides versatile control options with both manual and Casambi wireless control.

Dimensions



Part Number

XNAWSS 120-TRIAC-1CH-W-CAS

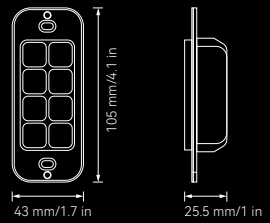
Features

- 120 VAC input for versatile lighting control
- Standard Decora form factor for easy installation and a modern appearance
- Available in white, ivory, and black to suit your aesthetic preferences
- Casambi Ready for seamless integration with smart lighting systems
- Complies with Title 24 for energy efficiency and regulatory standards

Kinetic Switch

With no batteries or wiring required this kinetic switch offers cost effective installation, is maintenance free, and has 8 programmable buttons.

Dimensions



Part Number

XNAKN 4CHBDIM-B XNAKN 4CHBDIM-W XNAKN 8CHBDIM-B XNAKN 8CHBDIM-W

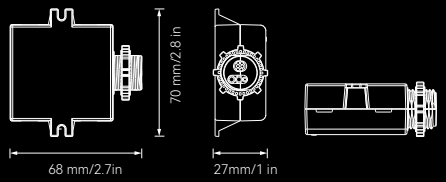
Features

- Easy to install - no wiring required
- Easy to maintain - no battery required
- 8 programmable buttons for versatile scene control
- Works with Xyston RF Bridge

RF Bridge & Relay Module

This Casambi enabled controller includes a relay output for dry contact control as well as an RF bridge for up to 10 kinetic switches.

Dimensions



Part Number

XNAPPK KN-RFBridge

Features

- Single Pole Double Throw (SPDT) configuration for versatile control options
- Wireless & Casambi-to-RF bridge capabilities for seamless integration
- Casambi Ready for compatibility with smart lighting systems
- Compact Powerpack form factor for easy installation

CASAMBI

CASAMBI

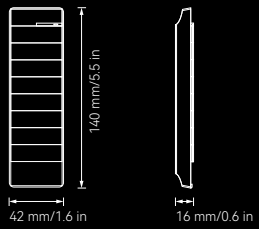
RF Bridge & Relay Module

Kinetic Switch | Kinetic Switch | Kinetic Switch | Kinetic Switch

8-Button Hand-Held Remote

Designed for effortless control, this sleek remote features 8 multifunction buttons that allow you to manage smart devices or lighting scenes wirelessly with ease.

Dimensions



Part Number

XNACTL 8CH-BDIM-B-CAS

XNACTL 8CH-BDIM-W-CAS

Features

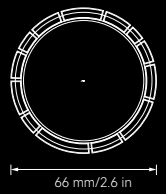
- Wall mount or handheld
- 8 multifunction buttons for versatile control
- Casambi Ready for seamless smart lighting integration
  Battery life up to 2 years with low battery warning
- Power supply: 2 x CR2450 (3V) batteries
- LED indicator for status feedback
- Wireless control of smart devices or lighting scenes

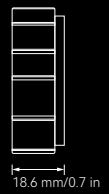
CASAMBI

Dial Remote

Experience precise lighting control with the Dial Remote Control, a versatile and stylish solution for modern smart lighting systems.

Dimensions





Part Number

XNACTL 4CH-RDIM-CAS

Features

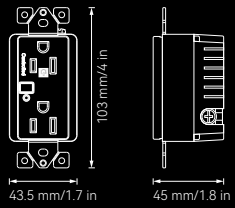
- 4 multifunction buttons and a dimming wheel for precise control
- Casambi Ready for seamless integration with smart lighting systems
- LED backlight for easy visibility in any environment
- Battery life up to 1 year with a low battery warning indicator
- Power supply: 3V (CR2450) battery
- Wall mount or tabletop placement for versatile use

CASAMBI FC

Wall Outlet / Receptacle

This Title 24 compliant, Casambi enabled wireless receptacle provides plug load control in various spaces.

Dimensions



Part Number

XNARCP 15A-120V-W-CAS

Features

- 120VAC input with a capacity of 15A for versatile applications
- Tamper resistance for enhanced safety
- Manual and remote ON/OFF control for flexible operation
- Zero crossing detection to improve relay life expectancy
- Casambi Ready for seamless integration into smart systems
- Split receptacle design provides one controlled and one uncontrolled plug
- UL Listed and complies with Title 24 for safety and efficiency
- Available in white, ivory and black to match your interior design

03.

Sensors

Battery Powered Occupancy Sensor

Mini Multi-use Sensor

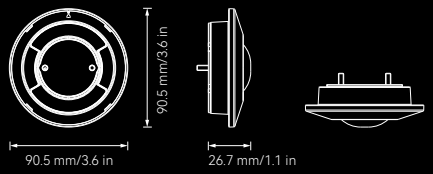
Mini Built-in Sensor

Zhaga/Z10 Sensor

Battery Powered Occupancy Sensor

This wireless, battery powered occupancy sensor offers excellent detection performance, ambient light sensing, 10+ year battery life, and is Casambi enabled.

Dimensions



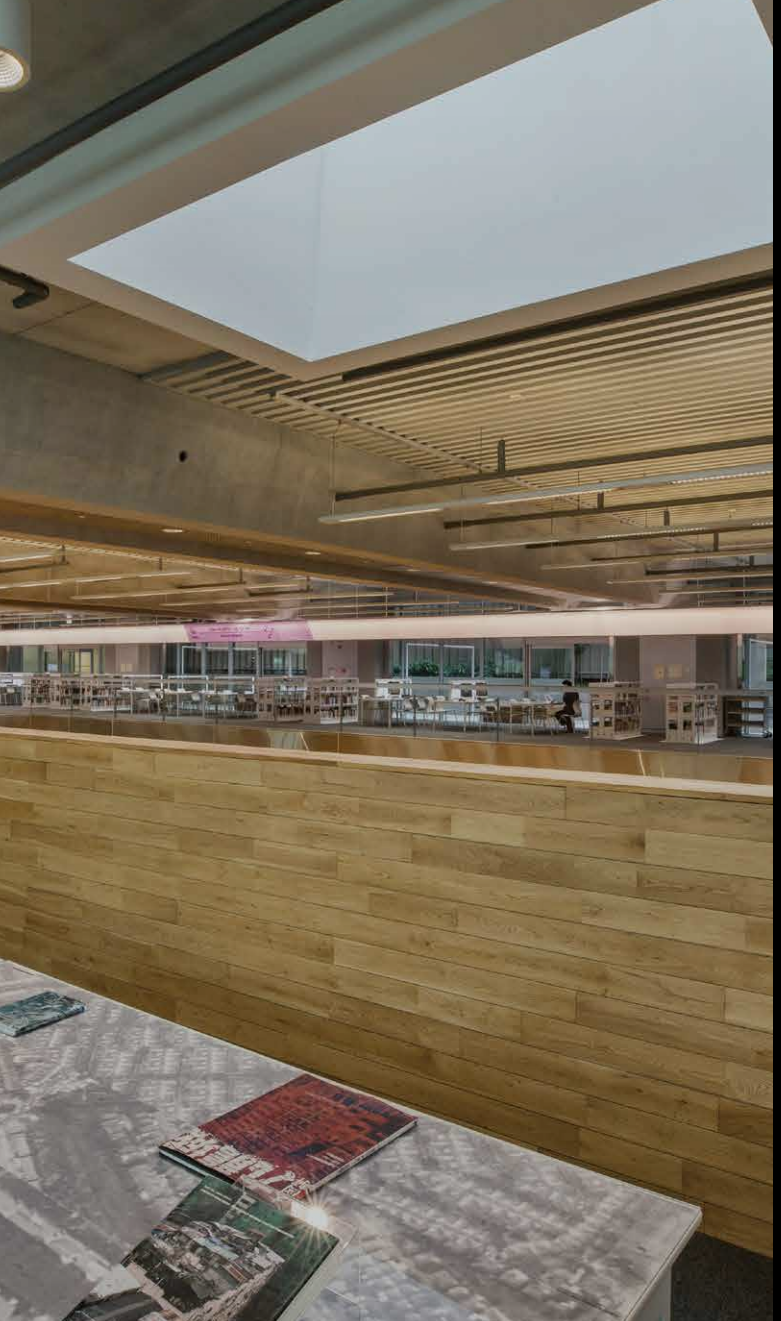
Part Number

XNASSR PDS-BAT-CAS

Features

- Battery powered for flexible installation without wiring
- 10-year battery life for long-lasting performance
- Complies with DLC and Title 24 requirements for energy efficiency
- Casambi Ready for integration into smart lighting systems
- Supports occupancy and vacancy modes for optimal energy management
- Includes mounting kits for drywall and ceiling tile installations

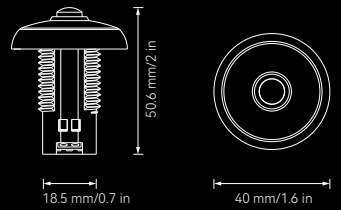
CASAMBI FC



Mini Multi-use Sensor

This compact occupancy and light sensor can be mounted in the ceiling or in a luminaire, providing flexible and versatile installation options.

Dimensions



Part Number

XNASSR 12-24V-PDL-RW-CAS

Features

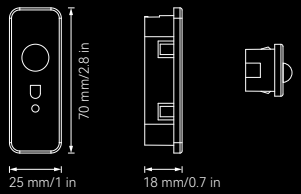
- 12-24VDC input for compatibility with various systems
- Mounting heights up to 20 feet (6 meters)
- Illumination levels of 0.9 - 929 fc (10-1000 Lux)
- PIR Sensor for efficient motion detection
- Bluetooth control with single-channel 0-10V dimming for easy adjustment of lighting levels
- Casambi Ready for seamless integration into smart lighting systems
- Maintain constant illumination based on ambient light

CASAMBI FC

Mini Built-in Sensor

This Casambi enabled occupancy and light sensor can be mounted in a luminaire, providing an attractive form factor for square, rectangular or linear luminaires.

Dimensions



Part Number

XNASSR 12-24V-PDL-LW-CAS

Features

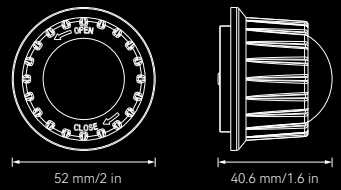
- Quick connector available for easy installation
- PIR Sensor for efficient motion detection
- Maintain constant lux levels based on ambient light
- Bluetooth control with single-channel 0-10V dimming for easy adjustment of lighting levels
- Casambi Ready for seamless integration into smart lighting systems
- Adjustable PIR sensing distance for customized detection range
- Infrared remote control reset function for added convenience

CASAMBI

Zhaga/Z10 Sensor

This Zhaga/Z10 occupancy and light sensor is compatible with both Zhaga and Z10 standards.

Dimensions



Part Number

XNASSR 12-24V-PDL-ZHAGA-CAS

Features

- Accommodates mounting heights up to 50 feet (15 meters)
- Illumination levels of 0.9 - 929 fc (10-1000 Lux)
- PIR sensor with adjustable sensitivity for customized motion detection
- Bluetooth control with single-channel 0-10V dimming for easy lighting adjustments
- Casambi Ready for seamless integration into smart lighting networks
- Light sensor to maintain constant illumination based on ambient light conditions

CASAMBI FC

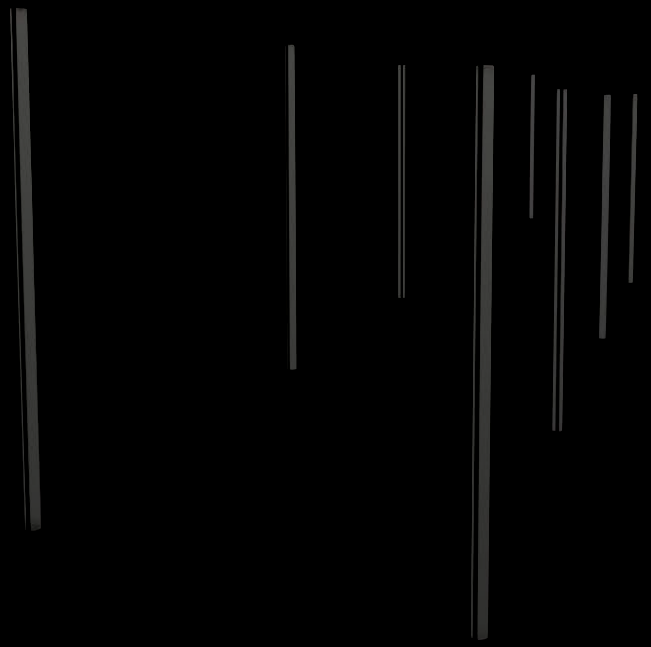
Drivers

SFF Compact Drivers

Linear Drivers - Casambi/DMX/D4i/0-10V

UL SELV Compact - Wireless/0-10V

DC CC Driver

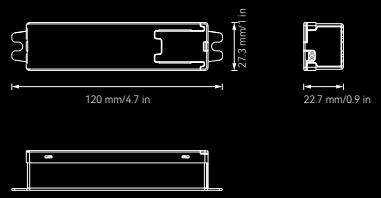


04.

SFF Compact Drivers

This thermally optimized, compact LED driver is tiny but delivers serious power along with Casambi wireless control and NFC configuration.

Dimensions



Part Number

XNASFF30-600S-NFC-CAS

XNASFF50-1200S-NFC-CAS

Features

- UL Class P rating lets you easily transit to this driver
- Compact form factor for versatile installation options
- Complies with DLC and Title 24 requirements for energy efficiency
- Dimming range of 1-100% (amplitude dimming) for flicker-free operation
- Casambi Ready for seamless integration into smart lighting networks
- Supports NFC programming for easy configuration and customization

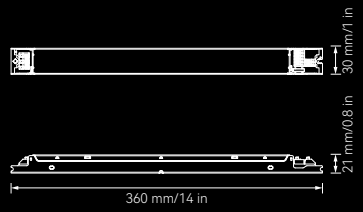
CASAMBI 0-10 V Class P

Linear Drivers

Casambi/DMX/D4i/0-10V

This linear power LED driver is Casambi-enabled, can be configured via NFC, and much more.

Dimensions



Part Number

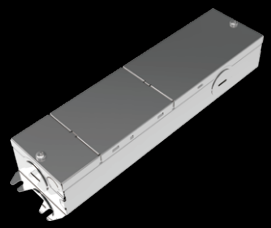
XNALNR54-1400S-NFC-CAS XNALNR54-347-1400S-NFC-CAS

Features

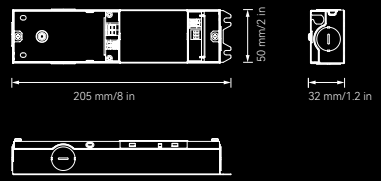
- Slim housing of 21mm (0.83'') for easy installation in tight spaces
- UL Class P rating lets you easily transit to this driver
- Complies with DLC and Title 24 requirements for energy efficiency
- Dimming range of 1-100% (amplitude dimming) for flicker-free operation
- Casambi Ready for seamless integration into smart lighting networks
- Supports NFC programming for easy configuration and customization
- Supports DMX, D4i, and 0-10V dimming for versatile control options

UL SELV Compact
Wireless/0-10V

The UL SELV Compact is a cutting-edge power supply designed to enhance your lighting control experience. With Casambi Ready technology, this compact unit is optimized for seamless integration into wireless Bluetooth mesh systems, making it an ideal choice for modern smart lighting applications.



Dimensions



Features

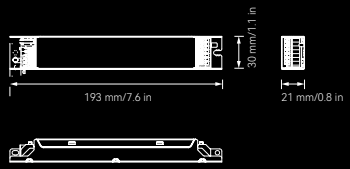
- Casambi Ready for seamless integration into wireless Bluetooth mesh systems
- SELV power supply ensures safe and efficient energy delivery
- Dimming range of 1-100% (amplitude dimming) for flicker-free operation
- DIP switch for easy multi-current setting adjustments
- Built-in junction box allows for flexible installation options

CASAMBI 0-10 V DMX Class P

DC CC Driver

DC power distribution within facilities is gaining traction. This DC driver comes in the popular linear form factor and allows luminaire manufacturers to simply swap drivers for projects requiring DC power.

Dimensions



Part Number

XNALNR54-1400D-NFC-CAS

XNALNR54-1400D-010V-NFC

Features

- 24–57 VDC input for versatile application compatibility
- 1% dimming for precise lighting control
- Programmable output current via NFC for customizable performance
- Casambi Ready for seamless integration into smart lighting systems
- High efficiency design for reduced energy consumption
- Constant current output for consistent brightness across LED fixtures
- 2-channel version available for tunable white applications

CASAMBI 0-10 V Class P

Display

Demo Case

05.

Demo Case

This high quality, compact and interactive demo case is lightweight and easy to carry. It includes 15 featured products selected from our controllers, switches, remote controls, drivers and sensors.

Features

Full, interactive demo using the Casambi app
120V power cord included

Products included

AC Powerpack
CV 5 channel dimmer
Dual channel dimmer
RF bridge
Wallbox interface
Handheld 8 button remote control
Dial remote control
Battery powered occupancy sensor
Mini sensors
Zhaga sensor
Small form factor driver
DC CC drivers
Kinetic Switch
Receptacle

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