TECHNOLOGIES

PRODUCTS

CONTROL SYSTEMS

Lighting has always been a central part of any living space. An intelligent lighting control system ensures that correct type of lighting is available in the right amount at the right time.

SMART LIGHTING:

A lighting automation, more commonly referred to as Smart Lighting creates the ability of all of the home's lighting to be controlled at the same time. An efficient lighting control system performs basic functions such as controlling the light output, zoning of luminaires to controllers and occupancy recognition which automatically reduces the light usage when the space is empty.

In addition, lighting automation can provide more advanced options, some of which include scenes, fading and sequencing. With scenes, specific colors can be assigned to multiple light fixtures, so that with the touch of a button, multiple lights can be turned on with different colors and intensities. With fading, the Light fixture can be made to fade to the next color over a specified duration. With sequencing, multiple light fixtures can change colors in a synchronized fashion (e.g. a lighting display, mood lighting, etc.). Other advantages include, energy savings, enhanced security and improvement in aesthetics.

Secure & Reliable

Remote Access

Smart Notifications

Save Energy

Safety Alarms

A lighting control system is a combination of a luminaire, input device to send the command to the controller, a controller which interprets this command, communication protocol which is the common language of communication between input device and Controller and finally a gateway.....,or server which stores this information. Many technologies & systems are available to achieve desired results and performance for virtually any popular application.

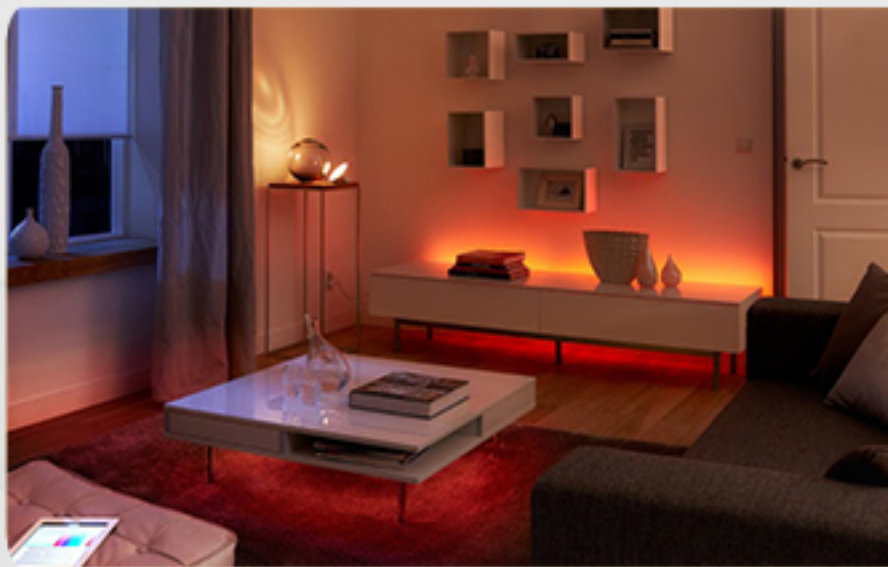## Some of the control systems that we offer to our customers are:

STAND ALONE LIGHTING CONTROL SYSTEM
In the stand alone lighting control system, each zone of light has its own switch and dimmer. It is the simplest system to understand and is fully compatible for retrofit or pre-wired whole-home lighting control.

CENTRALIZED LIGHTING CONTROL SYSTEM
A centralized lighting control system has all the lighting circuits in a space run to the central location. The powerful keypads give you the ability to control the lights in various ways. The control programme can usually be changed centrally, based on the outputs of the programme. Centralized lighting control system can be extended to include the combination of lighting, security, windows, blinds, temperature controls, audio/video systems and other applications

WIRELESS LIGHTING CONTROL SYSTEM
A wireless lighting control system consists of controllable dimmers and switches. Wireless controls communicate using radio waves, wi-fi, or any other wireless method effectively, eliminating control wiring. This kind of system is easy to install, affordable and more suitable for hard-to- wire applications.

HYBRID LIGHTING CONTROL SYSTEM
We offer a customized lighting control system using wired and wireless devices. You can start with a wireless lighting solution today and continue to add in a centralized lighting system for any new areas of the home in the future. This is a great option for a space that is undergoing partial renovations where some of the lighting circuits can be run to a central location while walls and ceilings are open

Rotary Dimmers

- Rotary dimmers enable the setting and saving of specific lighting scenes for indoor areas

- It can be adjusted from a very dim, moon glow level, to the full brightness.

- Suitable for triac dimming, 0-10V dimming, 1-10V dimming and DALI dimming

Touch Dimmers

- Touch sensitive dimmers provide different levels of brightness with a touch on/off function

- It offers fast and accurate color temperature adjustment

- Compatible for triac dimming, 0-10V/1-10V dimming, PWM dimming etc

Switch / Dim control

- RF wireless wall mounted push button controller

- Designed for both switch and brightness adjustment function with DC power source

- Control range is upto 20 meters.

Dimming Interface

- Dimming interfaces provide the benefit of single device solution to replace many of the discrete components used in conventional dimming

- These are designed for both constant voltage and constant current loads in single or multi channels.

Remote Controllers

- RGB remote can control up to 6 zones, each zone can set up to 6 scenes with endless receivers.

- Remote controller designed with ultrasensitive glass touch wheel to adjust the color tone.

- Can control from 20-30 meters distance.

DMX Controllers

- DMX is a digital control protocol, allows the user to create programs that control the brightness and other characteristics of each light source independently

- Best suitable for architectural lighting applications where theatrical or dramatic color changing effects are desired.

DALI Controllers

- Compliant with the standard DALI protocol and feature great compatibility with DALI products

- DALI address can be manually or automatically assigned to control and dim single color, dual color, RGB/RGBW LED lighting

- Simplified wiring

RGBW BT Mesh Controller

- This device gives you the ability to control the LED lights wirelessly

- It is app compatible

- The integration of Bluetooth Mesh technology allows management of your network from any controller in the system making this controller a perfect addition for any smart-building lighting application

Smart Gateway Bridge

- It is a sandwiched-sized box that connects to your wireless router to make your home a Smart home. It literally acts as a bridge to connect your smart devices to internet so that you can control all of your smart devices from a mobile device from anywhere in the world

Occupancy Sensors

- Automatically turn the lights ON or OFF based on whether the space is occupied or empty

- Flexibly integrated with luminaire or mounted on ceiling

- Highly suitable for smaller, enclosed spaces that are intermittently occupied such as private offices, conference rooms etc.

Radio Devices

- Controls single color, dual color, RGB/RGBW Led lighting

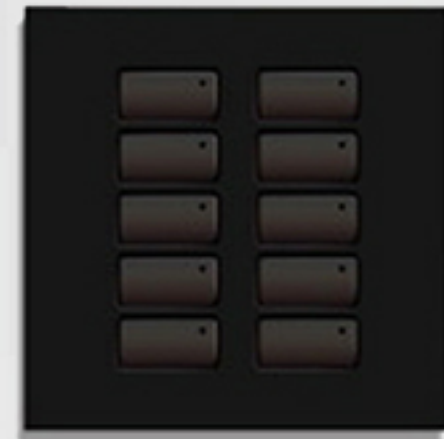- Wi-Fi controlled by installing app on IOS and android devices

Dimmer Module

- Module can control digital and analog protocol like DALI, DMX, 0-10V, Triac dimming.

- This can also be used for switch mode ON/OFF operation .

![S-LUMI LIGHTING & CONTROLS logo]

Touch Screen Control Panel

- It is an integrated touch screen lighting solution for dynamic spaces such as hotel ball rooms, museums, retail stores etc.

- It delivers seamless control of traditional line voltage dimming, 0-10v, DALI, DMX for RGB and tunable LED fixtures

Centralised Control Panel

- Designed to make installation and wiring of the dimming system quick and convenient

- Switch on/off, Dim up/down and select the scene are some of the functions performed by this control panel

LED Driver

- An LED driver is a self-contained power supply which regulates the power required for any LED luminaire.

- Different dimmable options like 0-10V, Triac , DALI & DMX dimming available with various IP ratings..

Lighting

- We offer elegant, energy efficient lighting solutions that matches the Interior architecture of the property

- LED rigid bars for the coves, suspended/wall mounted/recessed LED luminaires, decorative lights are some of our proven product range

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LIGHTING & CONTROLS

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