# Building Automation Solutions

https://crestpak.com/home-automation/

# Crest Building Automation Solutions

Seamless Integration, Perfect Customization, Intutive
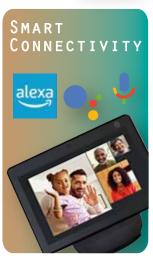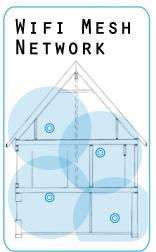User Interface

**SMART SWITCHES**

**SMART LIGHTING**

**SMART SENSORS**

**SMART GATE OPENERS**

**SMART APPLIANCES**

**SMART SECURITY**

**SMART PANELS**

**SMART CONNECTIVITY**

**SMART INTERCOM**

**WIFI MESH NETWORK**

**Control Your Whole Home**

**Smart Control**

KITCHEN

BED ROOM

HUB

DRAWING ROOM
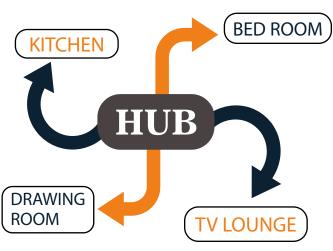
TV LOUNGE

*Make Your Own Comfort*

# Concept

To provide reliable network. We provide whole home mesk wifi system, Dual band Router for whole home Wifi Coverage. Three Units cover 6000 Sqft. Smart home control solution by Crest are designed to provide complete control and monitoring of all smart devices including Switches and Sockets, Sensors provide information to the control system on which scene can be programmed for group operations, time and event based scenes can be created as per customers requirement.

# Smart Lighting

One-stop smart lighting solutions, including smart lighting hardware solutions, all-in-one apps, home lighting apps and commercial lighting. You can now make any smart lighting products and solutions, and build any lighting scenarios you want.

- Ceiling Lights
- Down Lights
- Strip Light
- Light Bulb
- Ambient Lights

# Smart Electrical

It covers a vast range of sockets and switches in differnet gangs, shapes and colors including wall switches, wall sockets, dimmers for fans and lights, power switches for AC and Boiler, 2 Way switches for stair hall, etc. Complete range in white, black, silver and golden colors. Scene switches are available for scene controls as well as curtain switches to open and close curtains.

**White**   Silver   **Black**

# Smart Environment

Refresh yourself with healthy and cozy home life. Smart Solutions serve heaters, fans, air quality monitoring and improvement products.

- Humidity Temperature Sensor
- Air Quality Improvement
- Ambient Humidity and Temperature Maintenance

# Smart PET Care

Smart pet tech solutions span all daily pet activities including feeding, drinking, cleaning, sleeping, and outdoor activities.

- Pet Solution Matrix
- Feeding and Drinkings
- Cleaning

# Smart Home Care

Smart solutions for major appliances covering refrigerators, air conditioners, washing machines, water heaters, and beyond.

- Major Appliance Solution Matrix
- Coming-Home Scenario
- Leaving-Home Scenario
- Sleep Scenario

# Smart Curtains

Control your Natural ambient light with your mood and as per your requirement by automating curtains, we provide complete range of opening closing technology to work with all sort of curtains.

- Smart Slide Curtain
- Smart Roller Shade Curtain
- Smart Blinds Curtain

ZIGBEE

Voice control          Timing control          Manual mode

APP control          Remote control

# Safety and Security

- Smart Cameras
- Smart Locks
- Smart Intercoms
- Gate Automation
- Motion Sensors
- Door/ Window Sensors
- Wireless Alarms
- Gas Sensor
- Water Leakage Sensor
- SOS Switch

## Smart Cameras

### Product Features
- Indoor, Outdoor
- Wifi
- POE
- 360 Degree

**Note:** Different models with options of saving on local, NVR and cloud are available.

## Smart Locks

### Product Features

Biometric fingerprint reader
(RF semiconductor fingerprint sensor)

Low voltage alarming
(<4.8V alarming notification)

Emergency battery
(USB interface)

Tuya APP
(Bluetooth Tuya App)

Password protection

Virtual password
(Any numbers can be added before or after the right ones)

# Smart Intercom with Cloud

## Product Features

- Facial recognition
- Mobile access
- Temperature detection (optional)

**Linux** | **Onv**

**PoE** | **IP65**

**Wiegand**

# Gate Automation

## Product Features

- Sliding Rolling Gate
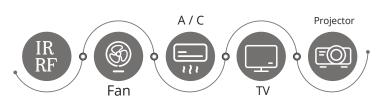- Dual Swing Gate
- Roll Up Gate
- Boom Gate

## All in One Remote

Remotely control IR+RF devices only with Mobile Phone App. Support smart switch, TV, Set-Top box, air conditioner, fan etc. Integrate with home automation scenes, time based switching and energy saving themes.

IR RF — Fan — A / C — TV — Projector

## Smart Panels

In addition to voice interaction, music playback, making to-do lists, setting alarms, streaming podcasts, and playing audiobooks, one can access complete house controls like switches, appliances, lighting, cameras security etc.

Can program scenarios and create scenes to enjoy a fully Automated Home or Building.

04

# Dimmable LED Lights

Creative have research and development facility and are developing retrofits for the various type of lighting fixtures using high efficient LED products from CREE⬖ OSRAM BRIDGELUX MW LiFud With high Power factor and low THD.
The product range includes 1W~50W indoor and outdoor lighting with diffrent dimming options.
(Triac Dimmable / 0~10V / DALI Dimmable).

- LED Downlights
- LED Laser Blade Light
- LED Wall Washer Light
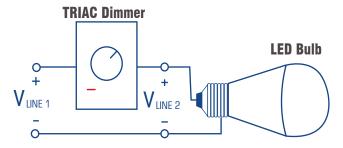- LED Linear Recessed Light

- LED Wardrobe Light
- LED Vanity Light
- LED Wall Light
- LED Tree Mount Light

# Dimming Options

Dimming is the infinitely variable adjustment of the light output of a light source. It enables the creation of different light scenes, increases the visual comfort and optimises the power consumption. LEDs require special dimmable control gear.

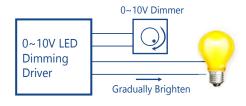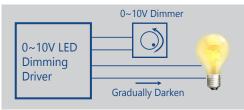- Traic Dimmable
- 0~10V
- DALI Dimmable

## Triac Dimmable − +



**TRIAC Dimmer**

$V_{LINE\ 1}$

**LED Bulb**

$V_{LINE\ 2}$

Dimming Lights

TRIAC Dimmer

## 0~10V − +

**DIMMING WITH AN LED LIGHT BULB**

DIMMING

0~10V Dimmer

0~10V LED Dimming Driver

Gradually Brighten

0~10V Dimmer

0~10V LED Dimming Driver

Gradually Darken

## DALI Dimmable − +

**DALI DIMMABLE**

BUS POWER SUPPLY

CONTROL DEVICES

BUS

LED FITTINGS

DALI

DALI 2

DALI

# LED Down Light



## Specifications:
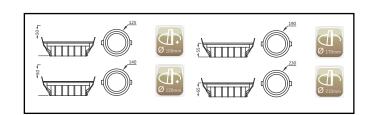
| Model | CR EL- JYX6W-DL | CR EL- JYX12W-DL | CR EL- JYX18W-DL | CR EL- JYX24W-DL |
|---|---|---|---|---|
| Power | 6W | 12W | 18W | 24W |
| LED | SMD | | | |
| LED Source | BRIDGELUX | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | |
| Power Factor | ≥0.9 | | | |
| LED Driver | Isolated (THD<20%) | | | |
| Material | Die Cast Aluminium | | | |
| Size (mm) | Ø 75xD90xH60 | Ø 90xD110xH75 | Ø115xD135xH90 | Ø140xD165xH100 |

# LED Down Light



## Specifications:

| Model | CREL-BD7W-DL | CREL-BD12W-DL | CREL-BD18W-DL | CREL-BD24W-DL |
|---|---|---|---|---|
| Power | 7W | 12W | 18W | 24W |
| LED | SMD | | | |
| LED Source | BRIDGELUX | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | |
| Power Factor | ≥0.9 | | | |
| LED Driver | Isolated (THD<20%) | | | |
| Material | Die Cast Aluminium | | | |
| Size (mm) | Ø 100xH50 | Ø 120xH55 | Ø 170xH55 | Ø 210xH65 |

# LED Architectural Down Light



**IP54**

## Specifications:

| Model | CREL-TS-3W-DL | CR-TDF-5W-DL | CREL-C9-10W-DL | CR-HR-20W-DL |
|---|---|---|---|---|
| Power | 3W | 5W | 10W | 12W |
| LED | SMD/COB | | | |
| LED Source | BRIDGELUX | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | |
| Power Factor | ⩾0.9 | | | |
| LED Driver | Isolated (THD⩽20%) | | | |
| Material | Die Cast Aluminium | | | |
| Size (mm) | Ø40xH30.8 | Ø65xH77 | Ø95xH71 | Ø80xH102 |



CREL-TS-3W-DL

CR-TDF-5W-DL

CREL-C9-10W-DL

# LED Laser Blade Light



## Specifications:
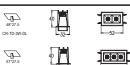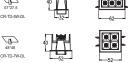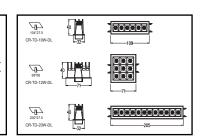
| Model | CR-TD-3W-DL | CR-TD-5W-DL | CR-TD-7W-DL | CR-TD-10W-DL | CR-TD-12W-DL | CR-TD-20W-DL |
|---|---|---|---|---|---|---|
| Power | 3W | 5W | 7W | 10W | 12W | 20W |
| LED | SMD/COB | | | | | |
| LED Source | BRIDGELUX | | | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | | | |
| Power Factor | ⩾0.9 | | | | | |
| LED Driver | Isolated (THD⩽20%) | | | | | |
| Material | Die Cast Aluminium | | | | | |



48*27.5
CR-TD-3W-DL

57*27.5
CR-TD-5W-DL

48*48
CR-TD-7W-DL

104*27.5
CR-TD-10W-DL

68*68
CR-TD-12W-DL

200*27.5
CR-TD-20W-DL

# LED Wall Washer Light

## Specifications:

| Model | CR-SD-5W-DL | CR-SD-8W-DL | CR-SD-12W-DL | CR-HR-7W-WWL | CR-HR-12W-WWL | CR-HR-20W-WWL |
|---|---|---|---|---|---|---|
| Power | 5W | 8W | 12W | 7W | 12W | 20W |
| LED | COB/SMD | | | | | |
| LED Source | BRIDGELUX | | | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | | | |
| Power Factor | ≥0.9 | | | | | |
| LED Driver | Isolated (THD<20%) | | | | | |
| Material | Die Cast Aluminium | | | | | |

CREL-SD-12W-DL

1mm
4mm

85   58

98   58

116   58

# LED Linear Recessed

## Specifications:

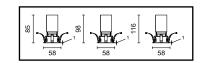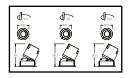| Model | CR-LC5-15W-LRL |
|---|---|
| Power | 15W |
| LED | SMD |
| LED Source | BRIDGELUX |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable |
| Power Factor | ≥0.9 |
| LED Driver | Isolated (THD<20%) |
| Material | Die Cast Aluminium |
| Size (mm) | 17.8x13x1300 |

# LED Wardrobe Light



## Specifications:

| Model | CR-LC8-15W-TBL |
|---|---|
| Power | 15W |
| LED | SMD |
| LED Source | BRIDGELUX |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable |
| Power Factor | ≥0.9 |
| LED Driver | Isolated (THD≤20%) |
| Material | Die Cast Aluminium |
| Size (mm) | 17.8x13x1300 |



# LED Vanity Light



## Specifications:

| Model | CR-LC5-15W-LRL |
|---|---|
| Power | 15W |
| LED | SMD |
| LED Source | BRIDGELUX |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable |
| Power Factor | ≥0.9 |
| LED Driver | Isolated (THD<20%) |
| Material | Die Cast Aluminium |
| Size (mm) | 17.8x13x1300 |

# LED Wall Light



## Specifications:

| Model | CR-MB5W-OWL | CR-40233-OWL | CR-012AW-OWL | CR-MB10W-OWL |
|---|---|---|---|---|
| Power | 5W | 5W | 7W | 10W |
| LED | SMD/COB | | | |
| LED Source | BRIDGELUX | | | |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable | | | |
| Power Factor | ≥0.9 | | | |
| LED Driver | Isolated (THD<20%) | | | |
| Material | Die Cast Aluminium | | | |



# LED Tree Mount Light



## Specifications:

| Model | CR-LT-10W-OWL |
|---|---|
| Power | 10W |
| LED | SMD/COB |
| LED Source | BRIDGELUX |
| Dimmable (Option) | Triac Dimmable / 0~10V / Dali Dimmable |
| Power Factor | ≥0.9 |
| LED Driver | Isolated (THD<20%) |
| Material | Die Cast Aluminium |
| Size (mm) | Ø106xH47 |