

Automation  
**SIMPLIFIED**



## UAE PROJECTS



## OMAN PROJECTS





# HOUSE OF SENSORS



### PIR ON-OFF SURFACE MOUNTED

Passive Infrared Sensor (QSR-S-PIR-SMT-RD)

- Range: 8 meter.
- Mounting Height: 2-4 meter.
- Load: 800W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.
- Can connect luminaires with exhaust fan.
- Applications: Offices, Institutions and Washrooms



### ON-OFF HF RECESS MOUNTED

High Frequency Sensor (QSR-HF-RMT-RD)

- Range: 8 meter
- Mounting Height: 2-4 meter.
- Load: 300W Max. Automated switching based on motion.
- Switch off at 100% daylight.
- Applications: Offices, Institutions, Washrooms and Hotels



### SURFACE/RECESS CORE+ SENSOR

IP44 PIR Sensor with Mask (QSR-S-PIR-COR-RD)

- Range: 8 meter adjustable
- Mounting Height: 2-4 meter.
- Load: 600W Max.
- IP44 with detection control mask.
- Automated switching based on motion.
- Switch off at 100% daylight.
- Applications: Offices, Institutions, Washrooms & Parking Area



### HIGH FREQUENCY LIFEBEING

High Sensitivity Sensor (QSR-HF-RMT-LB)

- High Sensitivity sensor
- Mounting Height: 2.5 - 4 meter.
- Load: 400W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.
- Applications: Offices, Institutions, Washrooms & Parking Area



### AUTO DIMMING SENSOR CUM DRIVER

High Frequency - 15/30W (QSR-HF-DS-15 (15W) | QSR-HF-DS-30 (30W))

- Motion based ON-OFF or dimming.
- Orientation lighting.
- Detection Range: 4-6 meter.
- 15W, 350mA, 22-42V. 30W, 700mA, 22-42V.
- Mounting Height : 3Mtr.
- Delay set time, Lux setting & orientation time setting.
- Fixture Applications: Downlights, 2x2, Troffers



### IP65 HIGH MOUNTED SENSOR

ON-OFF & Dimming (QSR-HF-HM-OF)

- Range: 8 meter.
- Mounting Height : 3-15 meter.
- Maximum Load : 400W.
- Switch off at 100% daylight.
- Applications: Warehouses, Industries & Outdoor Applications



### PIR ON-OFF RECESS MOUNTED

Passive Infrared Sensor (QSR-S-PIR-RMT-RD)

- Range: 6 meter.
- Mounting Height: 2-4 meter.
- Load: 600W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.
- Applications: Offices, Institutions and Hotels



### ON-OFF INBUILT HF SENSOR

High Frequency Sensor (QSR-HF-IBT-SQ)

- Range: 8 meter.
- Mounting Height: 2-4 meter.
- Load: 300W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.
- Applications: Offices, Institutions, Washrooms & Parking Area



### RECESS MOUNTED PLUS SENSOR

PIR Sensor with Two Channel Relay (QSR-S-PIR-2C-RD)

- Range: 6 meter
- Mounting Height: 2.2 - 4 meter.
- Load: CH1 - 600W Max, CH2 - 800W (5A)
- Automated On/Off of Light + AC or Fan based on motion.
- Separate Time delay setting for both the channels.
- Applications: Offices, Institutions, Meeting Rooms



### DAYLIGHT HARVESTING SENSOR

Recess Mounted DALI Broadcasting HF (QSR-HF-DD-RD)

- Range: 8-10 meter.
- Mounting height: 3 meter.
- DALI Broadcast, Occupancy & daylight harvesting sensor.
- For 64 DALI Drivers. Adjustable detection area.
- Applications: Office, Institutions & Hotels.



### PIR ON-OFF UVC SENSOR

2 Channel (IS-PS360/16 UV - 8 Meter)

- Range: 16 Meter.
- 2 channel sensor for UVC Disinfection.
- CH-1 for LED lighting up to 600W.
- CH-2 for UVC lights up to 400W.
- Mounting Height: 2.5-5M. Timer for UVC.
- Applications: Hospital, Classroom & Office



### IP65 DAYLIGHT HARVESTING SENSOR

High Mounted HF Sensor (QSR-HF-HM-DH)

- Motion based ON-OFF & Dimming.
- Orientation lighting & Daylight Harvesting.
- Detection Range: 12-16 meter.
- Mounting Height: 3-15 meter.
- Max Load: 400W.
- Delay set time, Lux setting & orientation time setting.
- Fixture Applications: Highbay (with 1-10V Dimmable Driver)



### PIR ON-OFF BASIC SENSOR

Remote Compatible (EP10430435)

- Range: 8/24 Meter.
- PIR sensor with detection control mask.
- Push button and remote compatibility.
- Maximum LED Load: 600W.
- Mounting Height: 3-5M(8M), 3-5M(24M)
- Applications: Office, Industry, Hotel & Washroom



### PIR BASIC EXPRESS SENSOR

Remote Compatible (EB10431784)

- Range: 8 meters
- Push button & Remote compatibility
- Maximum LED Load: 400W
- Mounting Height: 2.5 – 5 meters
- Application: Office, Industry, Institutions.



### PIR ON-OFF PLUS SENSOR

2 Channel for Light + HVAC  
(EP10425042-8 MTR | EP10425288-24 MTR)

- Range: 8/24/32 Meter.
- PIR sensor for light + A/C or Fan.
- 600W LED & 2 AMP HVAC/Fan Load.
- Remote & push button compatible.
- Mounting Height: 3-5M(8M), 3-10M(24&32M). 2 Channel
- Applications: Office, Industry & Institution



### PIR DIMMING FLAT ROUND DALI SET

DALI Broadcast Sensor with Power Supply (EP10428708)

- Range: 8 meter.
- DALI broadcast dimming sensor with power supply.
- Can also connect HVAC by using DALI relay.
- Mounting Height: 3-5 Meter. For 25 DALI Fixtures.
- Available in black and white color
- Applications: Office, Institution and Hotel.



### PIR DALI-2 BMS SENSOR

DALI-2 Certified  
(EP10428203-8 Mtr | EP10428210-24 Mtr | EP10424885-32 Mtr)

- Range: 8/24/32 Meter.
- DALI-2 Sensor for DALI LMS System.
- Addressable with DALI Push button scene recall.
- Separate algorithm for all PIRs possible.
- Mounting height: 3-5M
- Applications: Office and Institution



### PIR DALI-2 APC-30 LMS SENSOR

Inbuilt Power Supply & Controller (EP10428302)



- Cross-room and individual control of up to 16 groups and 16 scenes
- Presence and daylight dependent constant light control
- Presence and daylight dependent adaptive HCL light control
- Weekday and time-dependent control of functions
- Simple parameterisation, remote control and documentation with ESY-App



### PIR KNX MINI SENSOR

Light + Presence (EP10426155)



- Range: 8M/12 Meter.
- KNX functions: Alarm, twilight switch, brightness detection, light dependent motion detection, snooze function, scene telegram via object.
- 3-5M mounting.
- Applications: Office and Institution



### PIR ON-OFF MINI SENSOR

Remote Compatible  
(EP10426025-8 MTR | EP10426032-12 MTR)

- Range: 6/8/12 Meters.
- Mini PIR sensor with mask.
- Push button & remote compatibility.
- LED Load: 170W (6M), 600W (8 &12M).
- Mounting Height: 3-5M
- Applications: Office, Industry & Hotel



### PIR DIMMING FLAT MINI DALI SENSOR

DALI Broadcast Sensor (Ep10427503)

- Range: 6 meter.
- DALI broadcast dimming sensor with FLAT lens.
- Can also connect HVAC by using DALI Relay.
- To be used with DALI power supplies.
- Mounting Height: 3 Meter. 25 DALI ECG.
- Applications: Office, Institution and Hotel.



### PIR DALI DIMMING MINI DALI SENSOR

DALI Broadcast Sensor (EP10427510)

- Range: 8 meter.
- MINI DALI broadcast dimming sensor.
- Can also connect HVAC by using DALI relay.
- To be used with DALI power supplies.
- Mounting Height: 3 Meter. 25 DALI fixtures.
- Applications: Office, Institution and Hotel.



### PIR DIMMING DALI DUO SENSOR

2 Channel Broadcast Sensor  
(EP10427442-8 Mtr | EP10427459-24 Mtr)

- Range: 8/24/32 Meter
- Standalone DALI DUO dimming sensor for room management.
- 2 Channel for 25+25 DALILights.
- Can also connect HVAC, Projector etc. by using DALI relays.
- Applications: Meeting Room and Institution



### PIR DALI-2 APC-10 LMS SENSOR

Inbuilt Power Supply & Controller  
(EP10428142-8 Mtr | EP10428159-24 Mtr | EP10428265-32 Mtr)

- Range: 8/24/32 meter.
- Standalone DALI-2 LMS (Sensor+ DALI Controller+ DALI Power supply together).
- 16 groups, 16 scenes.
- Mobile app programming.
- Applications: Office and Institution



### PIR KNX BASIC SENSOR

Light + Presence (EP10430442)

- Range: 8 Meter.
- Sensor For use in KNX (EIB), TP (twisted pair) bus system.
- Light + Occupancy.
- KNX input:manual light control, block objects, reset, slave.
- 3-5M mounting.
- Applications: Office and Institution



### PIR KNX ATMO 6 IN 1 SENSOR

Light, Presence, Temperature, Humidity, Acoustic, VOC  
(EP10427213 (T) | EP10427206 (A) | EP10427220 (O))

- Range: 8 Meter (8M-T/8M-A/8M-O)
- All in one KNX Sensor: Air quality (VOC), humidity, temperature, acoustics, light, presence.
- Mounting height: 3-5 Meter.
- Applications: Office and Institution





## 12V HF SENSOR

ON-OFF & Dimming Sensor

- Range: 12-16 meter.
- 12V input retrofit sensor, IP65, ON-OFF, 1-10V dimming.
- Mounting Height: 3-15 Mtr.
- Load: 400W Max.

### Application Fixture

- Highbay
- Street Light



## HF SLIM SENSOR

- Range: 16 meter.
- 20 Meter dia detection.
- Highly sensitive detection.
- Max LED Load: 400W.
- Installation Height: 2.5-5 Meter.

### Application Fixture

- 1x1
- 2x2
- 4x1



## HF PIR SENSOR

IP65 ON-OFF-DIM

- Range: 12-18 meter.
- Switch off at 100% daylight.
- Side mount, 1/2 inch knockout.
- Max Load: 200W.

### Application Fixture

- Batten
- Linear Profile



## RETROFIT SENSOR

ON-OFF Sensor

- Range: 4-10 meter.
- Linear batten / fixture inbuilt sensor for occupancy based & daylight based ON-OFF.
- Load: 400W Max.

### Application Fixture

- Industrial Batten
- 2x2
- 4x1

## TWILIGHT SENSOR

- Range: 5-300 LUX.
- Dusk to dawn sensor with 5 -300Lx detection capacity.
- Suitable for outdoor fixture inbuilt or light panel inbuilt.
- Switch ON & OFF lights based on night & day.

### Application Fixture

- Street Lights
- Bollard
- Outdoor Lighting



## 12V HF SENSOR (ZHAGA)

High Frequency ON-OFF & Dimming Sensor

- Motion Based ON-OFF & Dimming
- Orientation Lighting
- Orientation Time Setting
- 12V Input - Zhaga (No Direct Load on Sensor)
- Delay Set Time & LUX Setting Features

### Application Fixture

- Highbay
- Street Light



## HIGHBAY RETROFIT SENSOR

Dimming Sensor

- Range: 12-16 meter.
- Highbay inbuilt, IP-65, ON-OFF, 1-10V dimming.
- Mounting Height: 3-15 Mtr.
- Max Load: 400W.

### Application Fixture

- UFO
- Modular highbay



## RETROFIT SENSOR

Dimming Sensor

- Range: 4-8 meter.
- Linear batten / fixture inbuilt sensor for occupancy based ON-OFF and daylight based dimming (1-10V).
- Load: 400W Max.

### Application Fixture

- Industrial Batten
- 2x2
- 4x1



## TWILIGHT SWITCH

- Dusk to dawn switching sensor: Switch ON & OFF based on the lux level.
- Max Load: 400W

### Application Fixture

- Street Lights
- Bollard
- Outdoor Lighting



## DUSK TO DAWN SENSOR

- Turn on at dusk and turn off at dawn automatically.
- Plastic Case sealed by Ultra-Sonic Welding.
- Easily of installing and wiring.

### Application Fixture

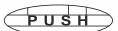
- Street Lights
- Bollard
- Outdoor Lighting



**SELV**



**CE** **RoHS** **Compliant**



**CLO**



# DALI-2 Drivers with NFC



RECTANGULAR MODELS

ROUND MODELS

LINEAR SLIM MODELS

DALI-2 CV MODELS

MODEL NO.	TYPE	WATT	SPECIFICATION	DIMENSIONS
DRV-SRP2305N10CC	DT6	10W	100-500mA @ 3-42V	101x36x25mm
DRV-SRP2309N10CCT	DT8	10W	100-500mA @ 3-42V	101x36x25mm
DRV-SRP2305N15CC	DT6	15W	100-700mA @ 6-42V	135x35x20mm
DRV-SRP2309N15CCT	DT8	15W	100-700mA @ 6-42V	135x35x20mm
DRV-SRP2305N25CC	DT6	25W	250-700mA @ 6-58V	120x41x28mm
DRV-SRP2309N25CCT	DT8	25W	250-700mA @ 6-58V	120x41x28mm
DRV-SRP2305N36CC	DT6	36W	350-1050mA @ 6-54V	145x45x28mm
DRV-SRP2309N36CCT	DT8	36W	350-1050mA @ 6-54V	145x45x28mm
DRV-SRP2305N45CC	DT6	45W	500-1400mA @ 6-58V	145x45x28mm
DRV-SRP2309N45CCT	DT8	45W	500-1400mA @ 6-58V	145x45x28mm
DRV-SRP2305N65CC	DT6	65W	500-1500mA @ 6-58V	124x79x30mm
DRV-SRP2309N65CCT	DT8	65W	500-1500mA @ 6-58V	124x79x30mm
DRV-SRPY2305N10CC	DT6	10W	100-500mA (Via NFC) @20-42VDC	Ø57x24mm
DRV-SRPY2309N10CCT	DT8	10W	100-500mA (Via NFC) @20-42VDC	Ø57x24mm
DRV-SRPY2305N15CC	DT6	15W	200-700mA (Via NFC) @20-42VDC	Ø57x24mm
DRV-SRPY2309N15CCT	DT8	15W	200-700mA (Via NFC) @20-42VDC	Ø57x24mm
DRV-SRPY2305N25CC	DT6	25W	300-850mA (Via NFC) @20-42VDC	Ø65x30mm
DRV-SRPY2309N25CCT	DT8	25W	300-850mA (Via NFC) @20-42VDC	Ø65x30mm
DRV-SRPL2305N30CC	DT6	30W	250-850mA (Via NFC) @10-54V	248x30x21mm
DRV-SRPL2309N30CCT	DT8	30W	250-850mA (Via NFC) @10-54V	248x30x21mm
DRV-SRPL2305N40CC	DT6	40W	500-1050mA (Via NFC) @10-54V	248x30x21mm
DRV-SRPL2309N40CCT	DT8	40W	500-1050mA (Via NFC) @10-54V	248x30x21mm
DRV-SRPL2305N50CC	DT6	50W	650-1300mA (Via NFC) @10-54V	280x30x21mm
DRV-SRPL2309N50CCT	DT8	50W	650-1300mA (Via NFC) @10-54V	280x30x21mm
DRV-SRPL2305N60CC	DT6	60W	900-1700mA (Via NFC) @10-54V	280x30x21mm
DRV-SRPL2309N60CCT	DT8	60W	900-1700mA (Via NFC) @10-54V	280x30x21mm
DRV-SRPL2305N80CC	DT6	80W	1000-2200mA (Via NFC) @10-54V	355x30x21mm
DRV-SRPL2309N80CCT	DT8	80W	1000-2200mA (Via NFC) @10-54V	355x30x21mm
DRV-2305-24-75LCV	DT6	75W	4A @24VDC	306.6x43x30mm
DRV-2309-24-75LCVT	DT8	75W	4A @24VDC	306.6x43x30mm
DRV-2305-24-100LCV	DT6	100W	4A @24VDC	306.6x43x30mm
DRV-2309-24-100LCVT	DT8	100W	4A @24VDC	306.6x43x30mm
DRV-2305-24-150LCV	DT6	150W	6.25A @24VDC	365.6x43x30mm
DRV-2309-24-150LCVT	DT8	150W	6.25A @24VDC	365.6x43x30mm

# LIGHTING

## confeffers



**iTvis®**  
Lighting First



### DALI DT6 TOUCH CONTROLLER

with Inbuilt Power Supply (CT-DL-1006)

- Type:DT6
- Standalone DALI DT6 Controller with Inbuilt Power Supply.
- 4 Groups & 4 Scenes.
- Dimming & Scene Control
- Applications: Home, Office, Institution and Meeting Room



### DALI DT6 DIMMING REMOTE

RF+Bluetooth (CT-DL-1019)

- Type: RF/BLE
- RF + Bluetooth Remote Control for Dimming & Scene Control.
- Control up to 4 Zones.
- Applications: Home, Office & Institution



### DALI COUPLER BLE TO DALI CONVERTER

RF+Bluetooth (CT-DL-1009)

- Type: BLE/RF
- DALI Controller with RF / BLE suitable for Wireless Control by using RF Remote / Mobile App.
- Suitable for DT6 & DT8 Devices. DALI Broadcast controller.
- Applications: Home, Office, Institution and Meeting Room



### DALI SWITCHING RELAY

Mini Relay (CT-DL-1010)

- Type: DALI
- DALI Addressable Switching Relay for Non DALI Devices.
- Max Load to be connected: 300W.
- Powered by DALI BUS.
- Applications: Used for Converting Non DALI Device to DALI Device



### LMS BMS GATEWAY

Lighting Management System

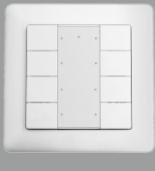
- Type: Details on request.
- Gateways with or without Power Supplies Suitable for DALILMS & Various BMS Protocol Including BACNET.
- Applications: Lighting Management System



### REMOTE CONTROL

for HF Sensors

- Range: NA.
- Remote controller for sensor configuration, dimming & manual override.
- Can control up to 15 meter.
- Applications: For sensor programming



### DALI-2 DT8 PUSH BUTTON

- 8-way button to act as certified DALI-2 input device
- Individual function allocation using application controller (DALI-2 control unit)
- Function assignments of buttons can be individually labelled
- Power supply from DALI bus
- Compatible with 55 mm frames from most manufacturers



### DALI DT8 TOUCH CONTROLLER

with Inbuilt Power Supply (CT-DL-1001)

- Type: DT8
- Standalone DALI DT8 Controller with Inbuilt Power Supplies.
- 4 Groups & 4 Scenes.
- Dimming, CCT Tuning & Scenes
- Applications: Home, Office, Institution and Meeting Room



### DALI DT8 CCT REMOTE

RF+Bluetooth (CT-DL-1017)

- Type: RF/BLE
- RF + Bluetooth Remote Control for Dimming, CCT Tuning & Scene Control.
- Control up to 4 Zones.
- Applications: Home, Office, Institution and Meeting Room



### DALI CONTROLLER DALI MASTER CONTROLLER

Programming Gateway (CT-DL-1023)

- Type: DALI
- DALI Mater Controller Suitable for DALIDT6, DT8 Devices.
- Built-in Power Supplies (100mA).
- Connect to Windows PC for DALI Software configuration.
- Applications: Used for DALI Master Software Programming



### PoE+DALI HCL SYSTEM

Human Centric Lighting System

- Suitable for 0/4/6/8/10 PoE Lights & 50 Nos TW DALI Fixtures.
- Inbuilt SymbiLogic program for Human Centric Lighting.
- Occupancy based auto switching and daylight harvesting.
- Push button scene controller for DIM to bright, Warm to Cool & Preset Scenes.
- Applications: Conference Room and Meeting Room



### CCMS STREET LIGHT CONTROLLER

Outdoor Lighting Management

- Type: LoRaWAN/Zigbee/M2M/RF
- CCMS Controllers for Street lights.
- Individual & Feeder level Control for ON-OFF, Schedule & Monitoring.
- Applications: Street Lights & Outdoor Lights.



### USER REMOTE SENSORS

- Type: USER/DALI.
- User Remote for ON-OFF, DIM & Scene Control to use with Sensors.



### AUTO DIM/AUTO ON-OFF HONEYCOMB COB DOWNLIGHT

with Sensor Cum Driver (LED-INT-015-HNY-CW (15W)

- Recessed COB Downlight with Occupancy based ON-OFF, Dimming and Orientation Lighting
- Wattage - 15W/30W
- Beam Angle - 15/24/36/60°
- Applications: Home, Offices, Passages & Showrooms



### AUTO DIM/AUTO ON-OFF DEEP COB DOWNLIGHT

with Sensor cum Driver (LED-INT-015-DTD-CW (15W)

- Recessed COB Downlight with Occupancy based ON-OFF, Dimming and Orientation Lighting
- Wattage - 15W / 30W
- Beam Angle - 15/24/36/60°
- Applications: Home, Offices, Passages & Showrooms



### AUTO DIM/AUTO ON-OFF 2X2 GRID PANEL

Sensor Inbuilt Recess Mounted (LED-INT-036-220-CW | LED-INT-036-22D-CW)

- 2x2/4x1x1 Recessed Troffers with Occupancy based ON-OFF, Dimming and Orientation Lighting.
- Applications: Offices & Commercial Spaces
- Models: 18 to 42W (CW/NW/WW) - ON-OFF, DIM



### AUTO DIM/AUTO ON-OFF INDUSTRIAL BATTEEN

Sensor Inbuilt (LED-INT-036-IBO-CW | LED-INT-036-IBD-CW)

- Surface/Pendant Industrial Linear with Occupancy based ON-OFF, Dimming and Orientation Lighting.
- Applications: Commercial Spaces & Parking Areas
- Models: 20/24/30/36/40W - ON-OFF, DIM



### AUTO DIM/AUTO ON-OFF SPIRAL UFO HIGHBAY

12V Sensor Inbuilt (LED-INT-080-SPR-CW  
LED-INT-100-SPR-CW | LED-INT-150-SPR-CW)

- UFO highbay with DC sensor. Motion based auto On/Off, Auto Dim and Orientation Lighting
- Beam Angle: 70°
- Applications: Warehouse, Industry & Commercial spaces



### DAYLIGHT HARVESTING SCRIPT HIGHBAY

Sensor Inbuilt (LED-INT-100-SRH-CW | LED-INT-150-SRH-CW)

- Motion based auto ON-OFF, Auto DIM
- Daylight harvesting and Orientation Lighting.
- Beam Angle: 60°
- Applications: Warehouse, Industry Shop Floor & Commercial Spaces
- Models: 80/100/120/150/180/200W



### AUTO DIM/AUTO ON-OFF GLOSS SHINY COB DOWNLIGHT

with Sensor Cum Driver (LED-INT-015-SBB-CW (15W)

- Recessed COB Downlight with Occupancy based ON-OFF, Dimming and Orientation Lighting
- Wattage - 15W/30W
- Beam Angle - 15/24/36/60°
- Applications: Home, Offices, Passages & Showrooms



### AUTO DIM/AUTO ON-OFF RECESS PANEL LIGHT

(LED-151-RDLP-C-RDRD)

- Backlit recessed panel light with Occupancy based On/Off & Dimming
- Wattage: 15W/ 18W/ 20W/ 22W
- Applications: Home, Offices & Commercial spaces



### AUTO DIM/AUTO ON-OFF SURFACE PANEL LIGHT

for PC Downlight (LED-061-RMLS-RSC)

- Backlit surface panel light with Occupancy based On/Off & Dimming
- Wattage: 6/12/18W (CW/NW/WW) - Round/Square
- Applications: Offices & Commercial spaces



### AUTO DIM/AUTO ON-OFF RADAR BATTEEN

Sensor Inbuilt PVC Batten (LED-201-RDR-BTN | LED-201-RDRD-BTN)

- Ceiling/Wall mount LED batten with motion based ON-OFF, Dimming and Orientation Lighting.
- Applications: Stair Case, Parking Area, Store Room
- Models: 20W (CW/NW/WW) - ON-OFF, DIM



### AUTO DIM/AUTO ON-OFF UFO HIGHBAY

12V Sensor Inbuilt (LED-INT-080-UFD-CW | LED-INT-100-UFD-CW  
LED-INT-150-UFD-CW)

- UFO Highbay with DC sensor. Motion based auto ON-OFF
- AutoDIM and Orientation Lighting.
- Beam Angle: 60/90°
- Applications: Warehouse, Industry Shop Floor & Commercial Spaces
- Models: 70/75/80/100/120/150/180/200W



### DIM/ON-OFF STREET LIGHT

12V Sensor Inbuilt (LED-INT-080-RSD-CW | LED-INT-100-RSD-CW  
LED-INT-120-RSD-CW)

- Street Light with IP65 DC sensor.
- Motion based auto ON-OFF, Auto Dim & Orientation Lighting.
- Beam Angle: Type II/Type III
- Applications: Outdoor Area Lighting, Street Roads
- Models: 80/90/100/120/150W

## INTELLIGENT LUMINAIRES

**iNTELLISENSE**  
Your Presence Does it All!



### AUTO DIM/AUTO ON-OFF STREET LIGHT

Sensor Inbuilt  
(LED-INT-080-DWD-CW | LED-INT-100-DWD-CW)

- Street light with IP65 DC sensor
- Motion based auto on/Off, Auto Dim & Orientation Lighting
- Beam Angle: Type I / Type II
- Applications: Outdoor area lighting



### AUTO DIM/AUTO ON-OFF FLOOD LIGHT

Sensor Inbuilt (LED-INT-100-MDO-CW)

- Motion based Auto On/Off, Auto DIM
- IP66 protection
- Beam Angle: 15/25/30/60/90°
- Applications: Outdoor Open Areas, Warehouse, Factory & Tunnels

## FIRE ESCAPE LUMINAIRES



### SURFACE

Emergency Fixture (LED-FSC-020-SUR-CW)

- Fire Escape Emergency Surface Light with Inbuilt Battery, DC Driver and AC Driver.
- Maximum Backup 20W
- Applications: Industry, Warehouse, Commercial Spaces



### FUSION

Round/Square SMD Light (LED-121-MDR-SDL)

- Deep Recessed Round and Square Light
- Applications: Offices & Commercial Spaces



### FIRE ESCAPE KIT

LED-FSC-ACC-TUR-01

- Emergency Battery Pack with DC Driver
- Suitable for Existing Luminaires of Various Applications.
- Maintained and Non Maintained Fire Escape Lighting.
- Applications: Offices, Commercial Spaces, Factory & Industry



### EXCEL

Auto Dim/Auto On-Off (LED-INT-036-220-CW)

- 2x2/4x1/1x1 Recessed Troffers
- Occupancy based ON-OFF, Dimming and Orientation Lighting.
- Applications: Offices & Commercial Spaces



### INDUSTRIAL BATTEN

Auto DIM/Auto ON-OFF (LED-INT-036-IBD-CW)

- Surface/Pendant Industrial Linear with Occupancy based ON-OFF, Dimming and Orientation Lighting.
- Applications: Commercial Spaces & Parking Areas



### WEATHER

Emergency Weather Proof (LED-201-PCBTN-IP65)

- Fire Escape Emergency Weather Proof Fixture with Inbuilt Battery, DC Driver and AC Driver.
- Maximum Backup 20W
- Applications: Industry, Warehouse, Staircases, Parking Lots

# Speciality Luminaires with Intelligent Options



DIMMABLE



TUNABLE WHITE



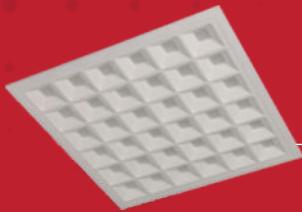
DALI 2

POE  
POWER OVER ETHERNETSENSOR  
BUILT-IN

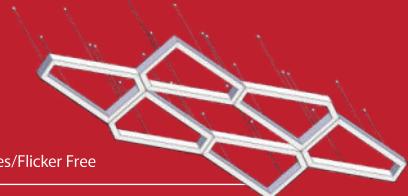
RF

BATTERY  
BACKUP

# Let's Customise



**Architectural Luminaires**  
Glare Free/Auto On-Off/Auto Dim Options



**Profile Shapes**  
Low UGR Customised Shapes/Flicker Free



**Sunflower**  
Well Glass/Highbay/Flood Lights

**Downlights**  
Glare Free/Auto On-Off/Auto Dim Options



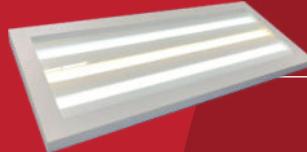
**Retail Lighting**  
Auto ON-OFF/Auto DIM/Battery Backup



**Tunnel/Sports Lighting**  
Speciality Luminaire



**Fire Escape Luminaire**  
with Battery Backup



**Paint Shop Luminaires**  
Flicker Free/Dimmable/Tunable

FLICKER FREE | LOW UGR | AUTO ON-OFF | AUTO DIM | DIMMABLE | TUNABLE

## EFFICIENT SMART **INTELLIGENT** LIGHTING SOLUTIONS

SENSORS | DRIVERS | CONTROLLERS | INTELLIGENT LUMINAIRES

**iNTELLISENSE**  
Your Presence Does it All!



# Lighting Automation

## for all applications

	INTELLIGENT LUMINAIRES	SWITCHING AUTOMATION	DIMMING & DAYLIGHT HARVESTING	MOOD LIGHTING & SCENE CONTROL	HUMAN CENTRIC LIGHTING	MEETING ROOM AUTOMATION	LIGHTING MANAGEMENT SYSTEM	CCMS	FIRE ESCAPE LIGHTING SOLUTION
 APARTMENT & VILLAS	✓	✓	✓	✓			✓		✓
 OFFICE	✓	✓	✓	✓	✓	✓	✓		✓
 HOTELS	✓	✓		✓	✓	✓	✓		✓
 WAREHOUSE	✓	✓	✓			✓	✓	✓	✓
 INDUSTRIES	✓	✓	✓		✓	✓	✓	✓	✓
 INSTITUTIONS	✓	✓	✓		✓	✓	✓	✓	✓
 HOSPITALS	✓	✓	✓		✓	✓	✓		✓
 RETAIL STORE	✓	✓		✓			✓		✓
 SMART CITIES	✓	✓						✓	
 GAS STATIONS	✓	✓	✓				✓		✓



# Lighting Solutions

## **Switching Automation**

Automated Switching Of Lights By Sensors .....	01
Switching PLUS: Light + HVAC Or Light + Fan .....	02

## **Dimming & Daylight Harvesting**

Daylight Harvesting: Indoor .....	03
Highbay Automation: Industries & Warehouses .....	04

## **Mood Lighting & Scene Control**

DALI (Digitally Addressable Lighting Interface) Solutions .....	05
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## **Human Centric Lighting**

PoE + DALI Solutions .....	06
----------------------------	----

## **Meeting Room Automation**

DALI Duo Technology .....	07
---------------------------	----

## **LMS – Lighting Management Systems**

LMS & BMS .....	08
LMS by DALI-2 APC Sensor .....	09

## **CCMS (Centralized Control & Monitoring System)**

Street Light Control: Feeder Level & Individual Level .....	10
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## **UVC Lighting (Disinfection)**

Ultra Violet Germicidal Irradiation (UVGI) Control Systems .....	11
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## **Fire Escape Lighting Solutions**

Maintained & Non Maintained Emergency Lighting .....	12
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# Switching Automation

Automated Switching of Lights by Sensors

## Project Applications

- For automated switching of any lights (Indoor & Outdoor)
- Office • Corridors • Washrooms
- Parking Lots • Warehouses • Homes

## User Benefits

- Handsfree Hygiene Switching
- Energy saving

## Product Range



PIR Sensor with Mask



HF Slim Sensor



Surface Mounted PIR Sensor



Recess Mounted PIR & HF Sensor



HF Hidden Sensor



Mini Sensor



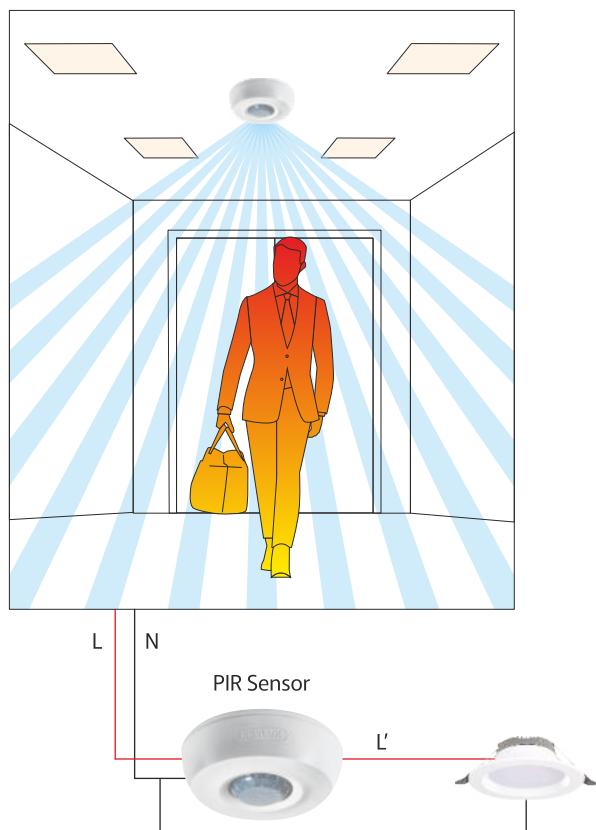
Flat Sensor



Sensor with Remote

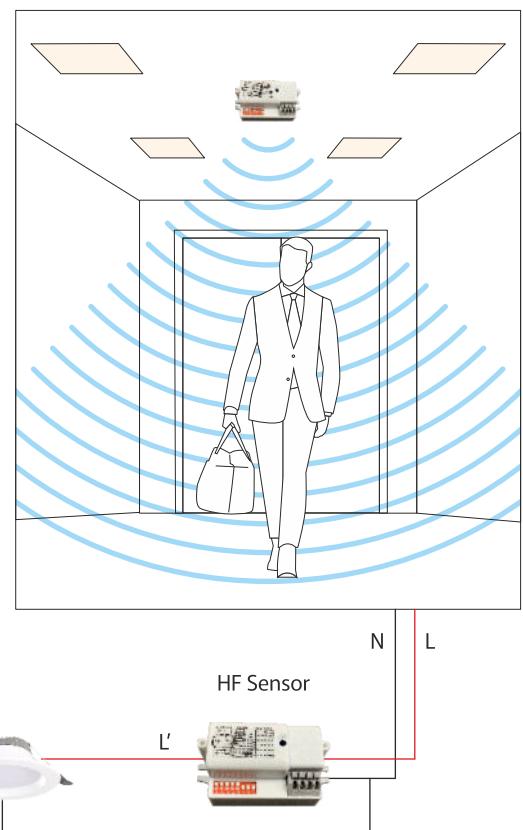
## PIR Technology

Presence/motion detection by way of human body temperature radiation. Best for controlled ambient temperature applications.



## High Frequency Technology

Sensor emits microwave at a specific frequency. Detection happens when the emitted microwaves encounter any moving objects in their path. Best for higher ambient areas and hidden applications.



# Switching PLUS

Automated Switching of Light + HVAC or Light + Fan

## Project Applications

- A/C Office Cabins
- Meeting Rooms
- Industries and Warehouses (Light + Industrial Fan)
- Washrooms (Light + Exhaust Fan)

## User Benefits

- Handsfree Hygiene Switching
- Energy saving

## Product Range



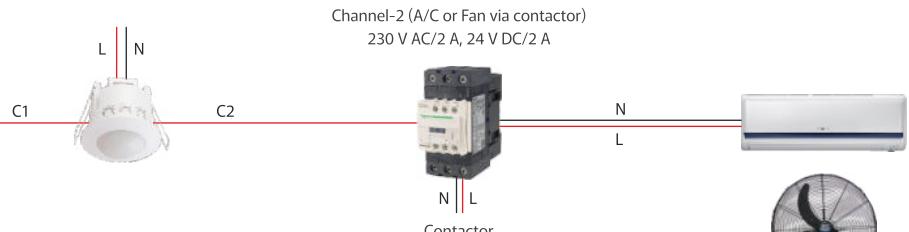
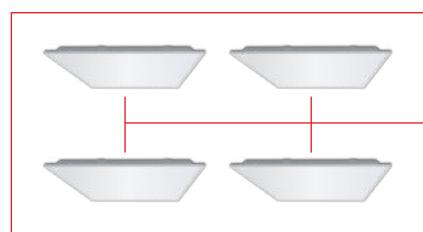
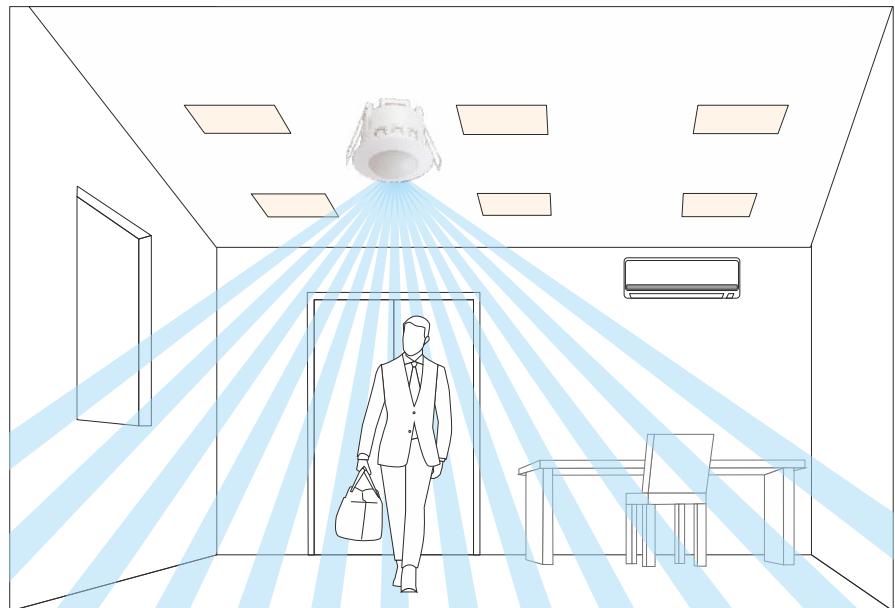
2 Channel  
PLUS Sensor



PIR ON-OFF  
PLUS Sensor

## Technology

PIR Sensors with 2 channels. 1 channel for light and the other channel for HVAC switching through contactor or dry contact.



# Dimming & Daylight Harvesting

## Daylight Harvesting: Indoor

### Project Applications

- Offices
- Corridor
- Meeting Rooms
- Consulting Rooms
- Classrooms

### User Benefits

- Automated switching (full automation/semi automation)
- Manual dimming
- Energy saving

## Product Range



DALI Set



Mini Sensor



DALI HF Sensor Recess Mount with Inbuilt Power Supply



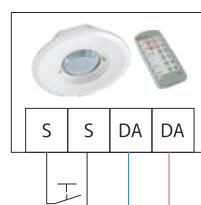
## Technology

- 1) Auto/manual dimming by way of DALI broadcast.  
Presence/motion detection by PIR technology.
- 2) Auto/manual dimming by way of 1-10V broadcast.  
Presence/motion detection by PIR technology.
- 3) Option of semi automation (switch ON by push button and switch OFF automatically).
- 4) Configuration/scene recalls by using IR remote.

DALI Power Supply



DALI PIR Sensor



DALI Luminaire



Upto 25 DALI Luminaires



# Highbay Automation

Dimming & Daylight Harvesting

## Project Applications

- Industries
- Warehouses
- Heighted Installation areas
- Airports
- Shopping Malls

## User Benefits

- Automated switching
- Manual dimming
- Energy saving

## Product Range



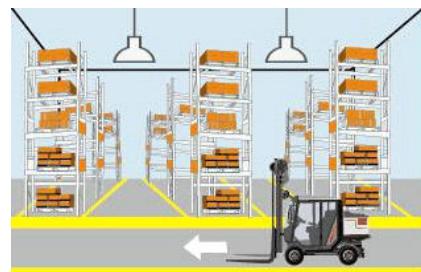
Highbay Sensor DIM  
ON-OFF & Dimming



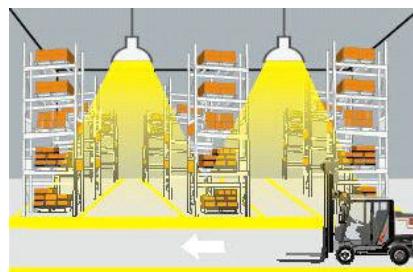
Highbay Sensor Daylight  
Dimming & Orientation



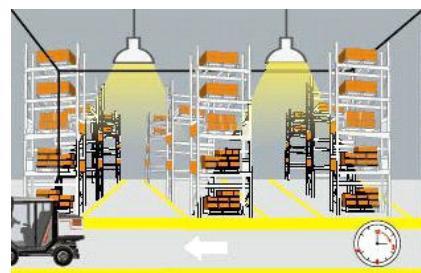
Inbuilt Dimming  
Sensor 12V DC



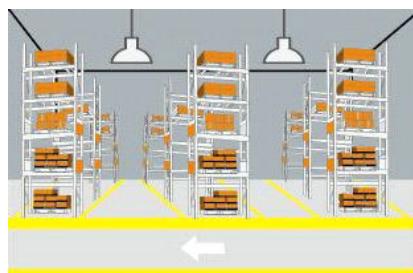
1) With sufficient ambient light, the light will not be switched on even if with motion signal.



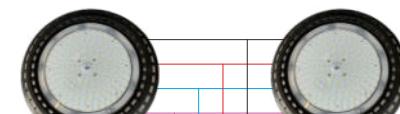
2) With insufficient ambient light, the sensor switches on the light when motion is detected.



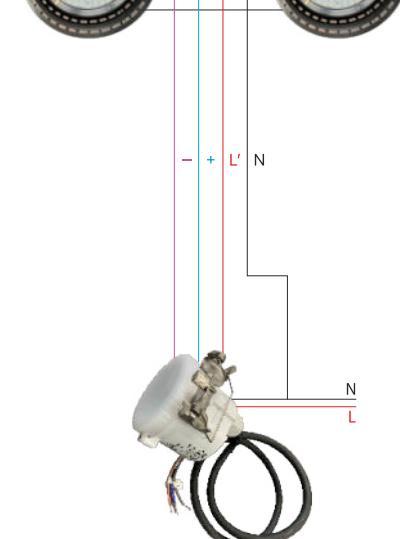
3) After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



4) After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.



Dimmable  
Highbay 1-10V



Mounting Height: 3-15 Mtr  
Connected Load: Upto 400W

# Mood Lighting & Scene Control

DALI (Digitally Addressable Lighting Interface) Solutions

## Project Applications

- Apartment • Villa
- Farm house • Restaurants
- Hotels • Club • Spa • Gym
- Home Theatre • Meeting rooms • Offices
- Video Conference Room • Classrooms

## User Benefits

- Emotional Effective Lighting
- Scene Controls
- Wire and Wireless Control together

## Product Range



DALI Touch Controller DT6



DALI Touch Controller DT8



RF+ Bluetooth CCT Remote Controller



RF+ Bluetooth Dimming Remote

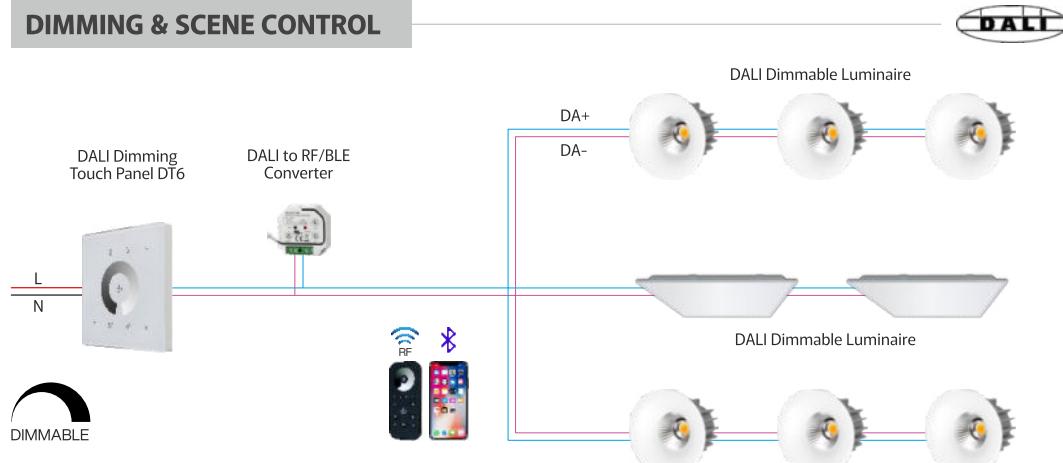


Bluetooth to DALI Converter



DALI Master Controller

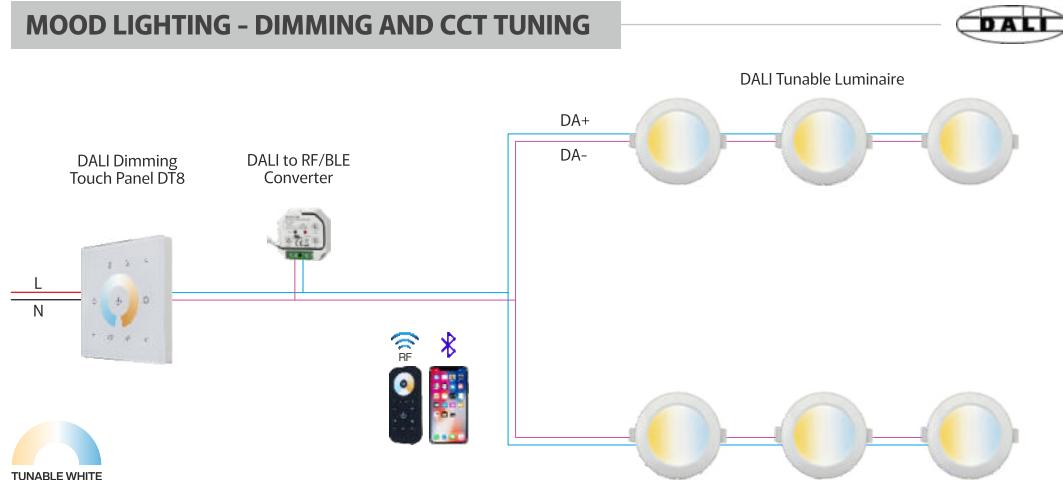
## DIMMING & SCENE CONTROL



## Technology

- 1) DALI Controller with inbuilt power supply to control upto 50 DALI drivers/DALI relay (DT6/DT8).
- 2) Create 4 groups and 4 scenes by using DALI master controller.
- 3) Make it wireless by using bluetooth to DALI couplers. Recall scenes by using mobile app or RF remote.

## MOOD LIGHTING - DIMMING AND CCT TUNING



# Human Centric Lighting

POE + DALI Solutions

## Project Applications

- Offices
- Conference Rooms
- Research Centers
- Video Conference Room
- Hospitals
- Class rooms

## User Benefits

- Light wellness
- Many intangible benefits like better sleep, stress free day & error free performance

## Products



ELC Sensor  
for PoE HCL



Scene  
Controller ELC



DALI Relay



POE + DALI  
Controller-HCL



Excel Recess  
2x2 Luminaire

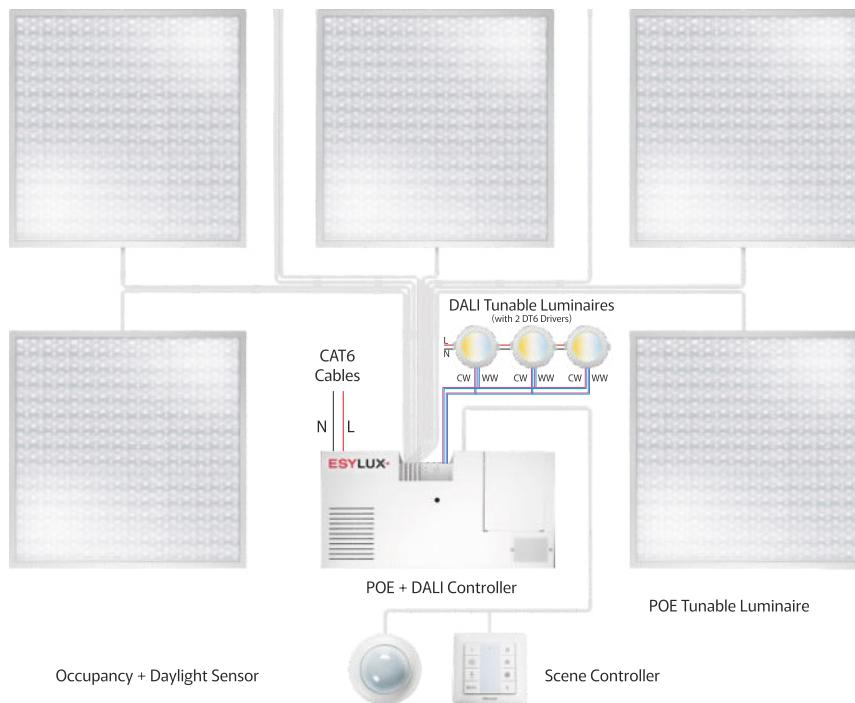


DALI-2  
APC-30



## Technology

World's first Human centric lighting system with POE (Power Over Ethernet) & DALI (Digitally Addressable Lighting Interface) together. Biological effective Lighting & Emotional effective lighting. Automatic CCT change & Dimming to deliver application based Human centric lighting. Scheduled light shower and sunlight like daylight, inside room. 100% Safety as no 230V wiring required for luminaires. Flicker free lights for visual comfort.



# Meeting Room Automation

## DALI Duo Technology

### Project Applications

- Conference Rooms
- Class rooms
- Offices

### User Benefits

- Scene control
- Energy saving
- Better performance

### Product Range



DALI Duo Sensor  
with Mask (2 Channel)



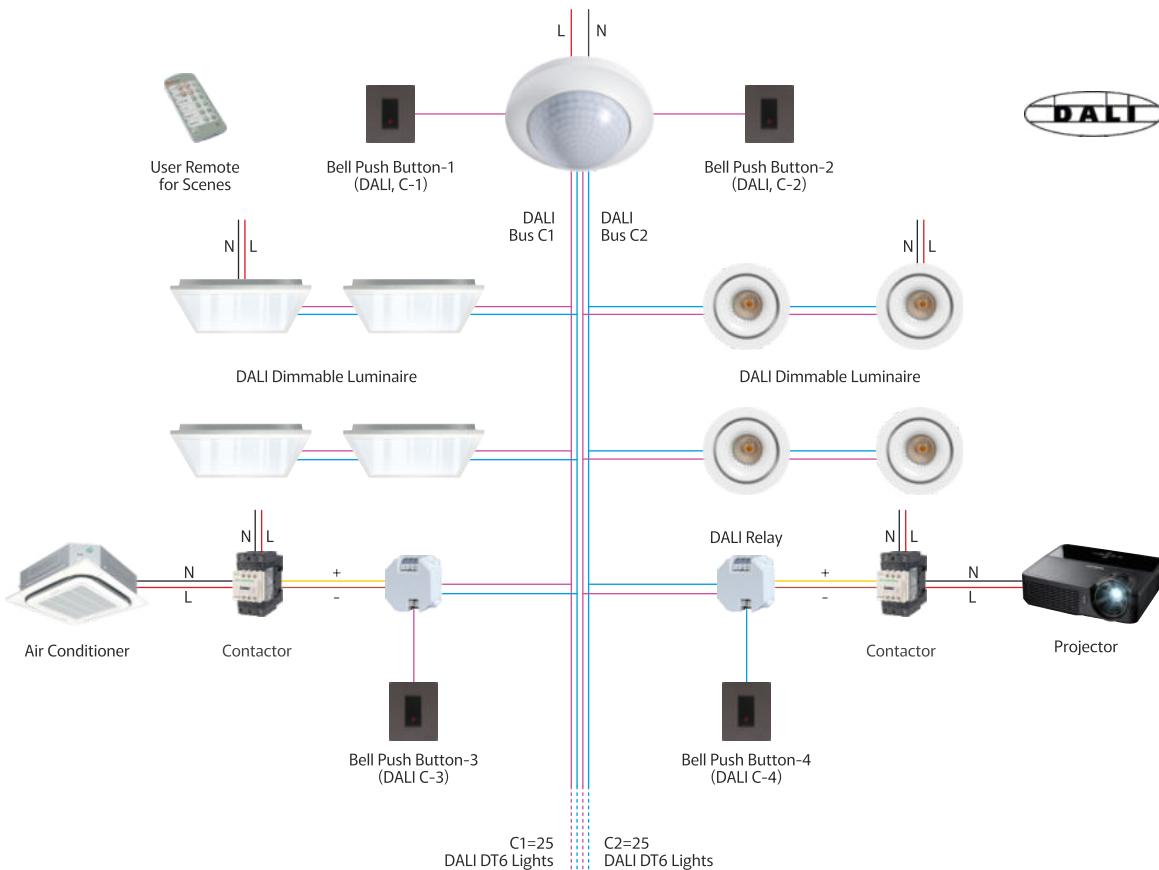
User Remote  
Sensors



DALI Power Supply/  
DALI Relay

### Technology

All in one DALI DUO Standalone Sensor with 2 channels for 25+25 DALI devices. Automatic light control by daylight harvesting & energy saving by occupancy based ON-OFF. Can connect Non DALI Devices by using DALI switching relay. Scene control by remote control or push button. Auto ON-OFF. Automatic & Semi automatic switching.



# LMS - Lighting Management Systems

## LMS & BMS

### Project Applications

- All types of Industrial & Commercial Building
- Offices
- Schools/Colleges
- Hotels
- Hospitals
- Retail Showrooms
- Warehouses

### User Benefits

- Data management
- Schedule monitoring and control

## Products Range



BMS Sensor  
with Mask



DALI Power Supply/  
DALI Relay



DALI Push Button  
Controller DT6



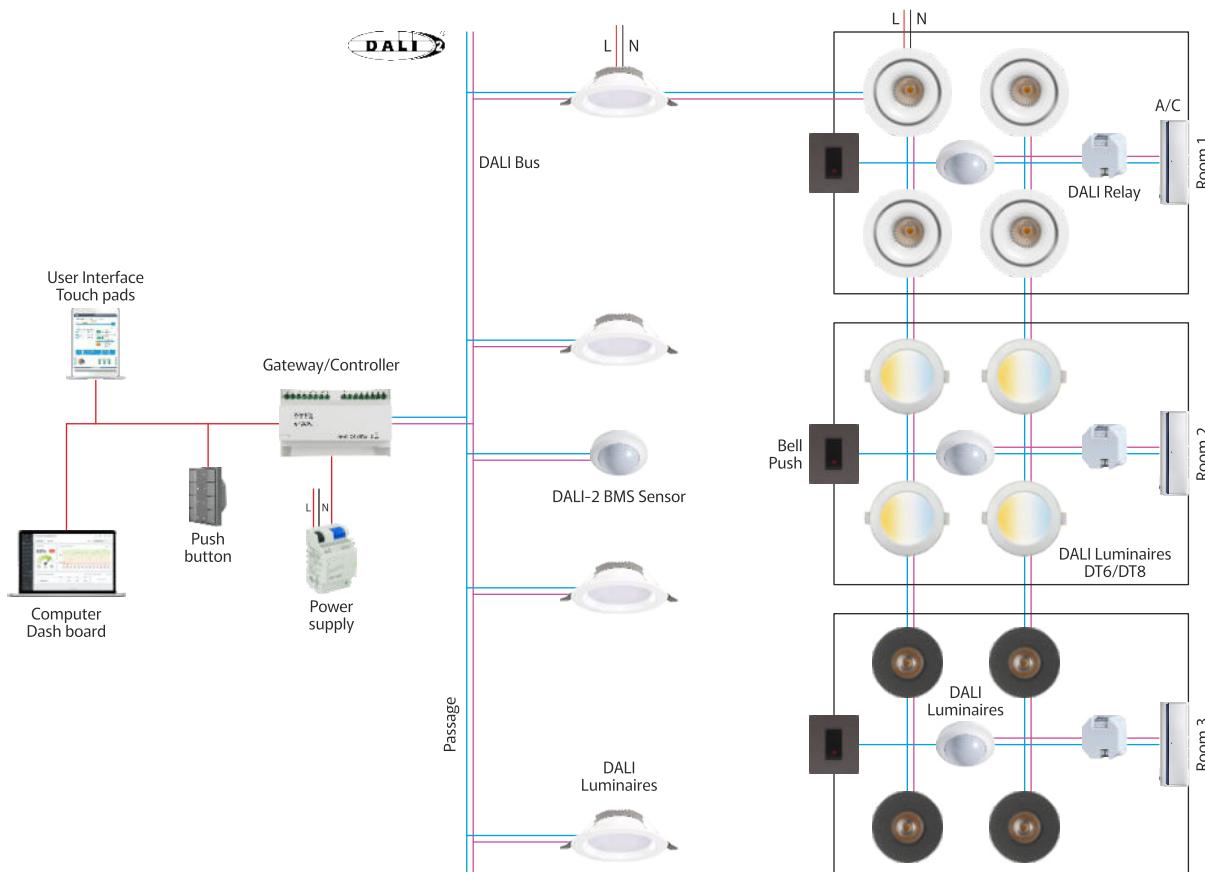
DALI Push Button  
Controller DT8



BMS Gateways

## Technology

Lighting Management System (LMS) and Building Management System (BMS) by using Gateways, Controllers and Relays. Get all electrical devices like Lights, HVAC etc. to a computer dash board. Monitoring, Control, Schedule, Data management & fault alerts.



# LMS by DALI-2 APC Sensor

## Project Applications

- Offices
- Schools/Colleges
- Hotels
- Hospitals
- Retail Showrooms
- Meeting Rooms
- Classrooms

## User Benefits

- Scene control
- Automated switching
- Energy saving

## Products Range



DALI-2 APC  
LMS Sensor with Mask



DALI-2 BMS  
Sensor with Mask



DALI-2 Push  
Button

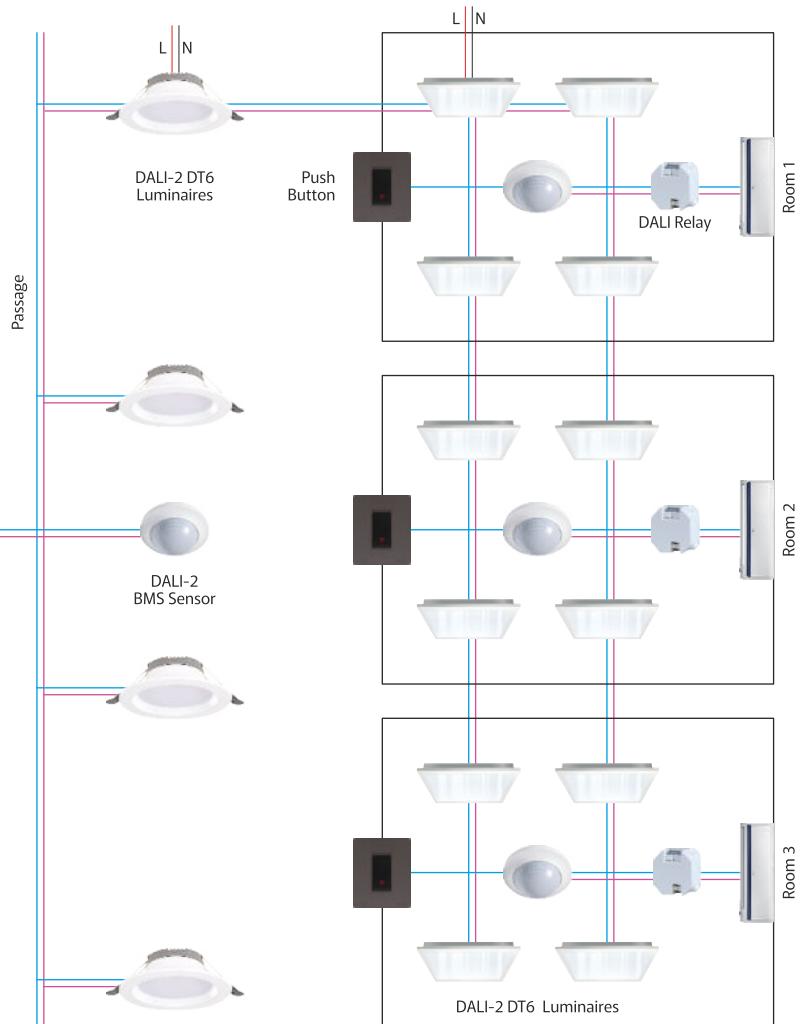


DALI Relay

## Technology

- 1) Lighting Management System (LMS) by using standalone DALI-2 all in one sensor with inbuilt power supply.
- 2) 16 groups and 16 scenes.
- 3) Additional switching termination for HVAC or ON-OFF lighting.
- 4) Can accomodate DALI-2 BMS sensors for room wise presence detection and LUX level input.

## All in One DALI-2 APC Sensor LMS



# CCMS (Centralized Control & Monitoring System)

Street Light Control: Feeder Level & Individual Level

## Project Applications

- Street Lights
- All Outdoor Lights
- Highbays & Industrial Lights

## User Benefits

- Data management
- Schedule, monitoring and control

## Products



CCMS & Street Light Controllers  
Feeder Level

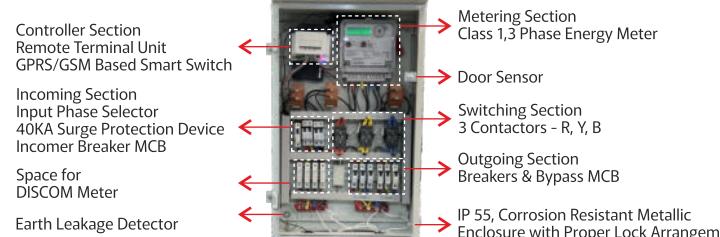


CCMS & Street Light Controllers  
Individual Level

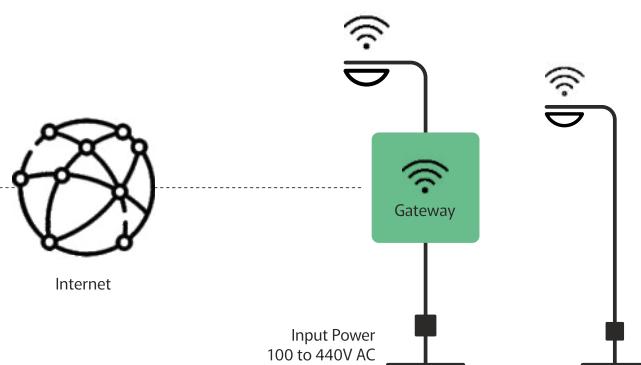
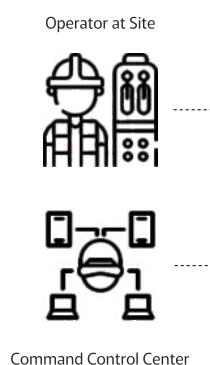
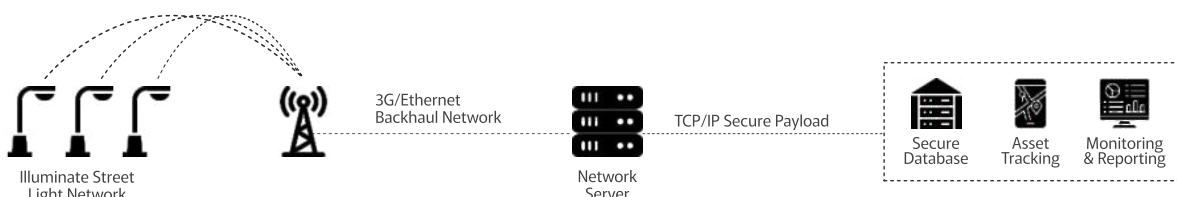


## Technology

Individual Light control & Feeder level CCMS (Centralized Control and Monitoring Systems) for outdoor lights. Various IOT protocol options. Schedule, Monitor and control. Fault alerts and data management.



Individual Dimming Controller



# UVC Lighting

Ultra Violet Germicidal Irradiation (UVGI) Control systems

## Project Applications

- Industries
- Commercial Buildings
- Classrooms
- Offices

## User Benefits

- Disinfection and wellness

## Product Range



UVC Sensor



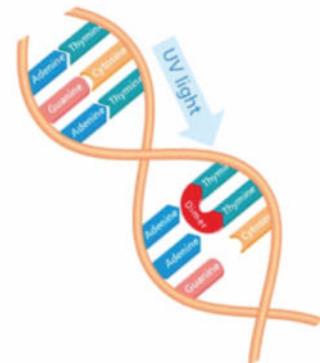
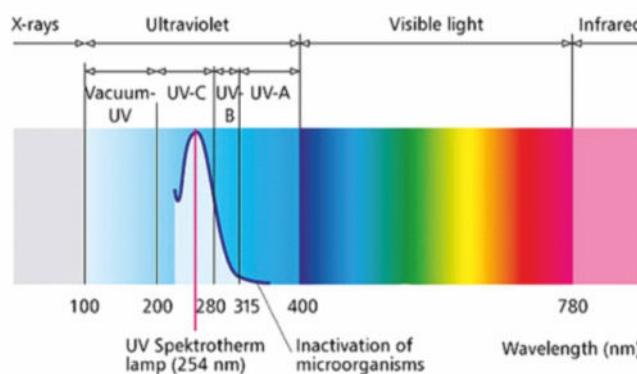
HBG  
UVC HBG Lamps



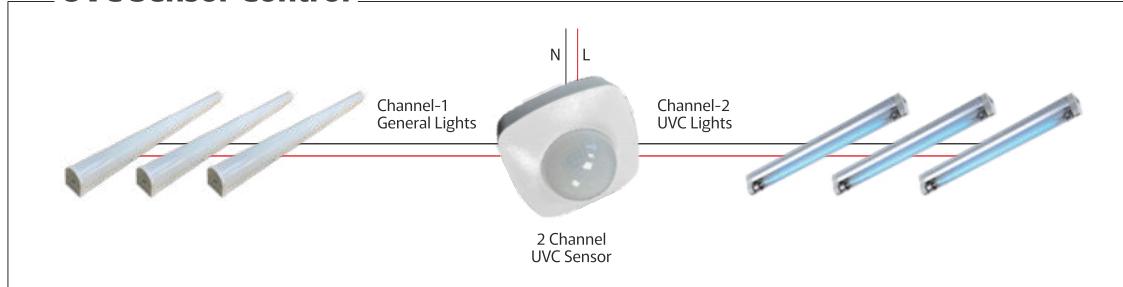
Cleanex  
UVC Fixtures

## Technology

UVC Disinfection Lamps & Fixtures with 253.7nm for Bacteria & Virus Disinfection. Best suitable for Surface, Air & water purification if applied in required dosage. Available with Sensor Control or Disinfection management systems.



## UVC Sensor Control



# Fire Escape Solutions

Maintained & Non maintained Emergency Lighting

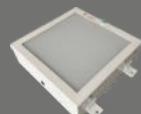
## Project Applications

- Industries
- Commercial Buildings
- Warehouses
- Offices
- Retail Showrooms

## User Benefits

- Safety for fire escape

## Product Range



iFire



Weather Proof



Fire Escape Kit



Fusion



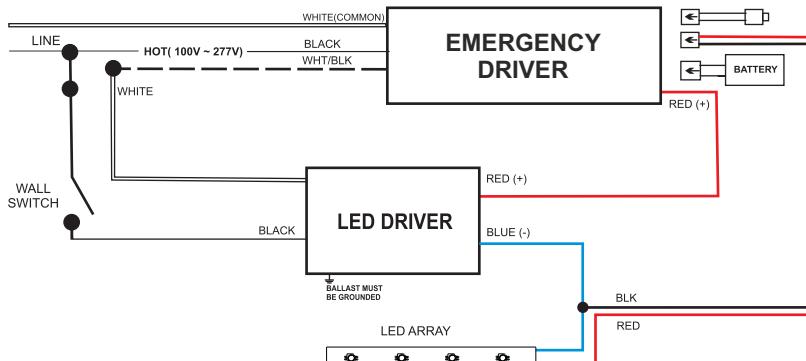
Excel



Ultra

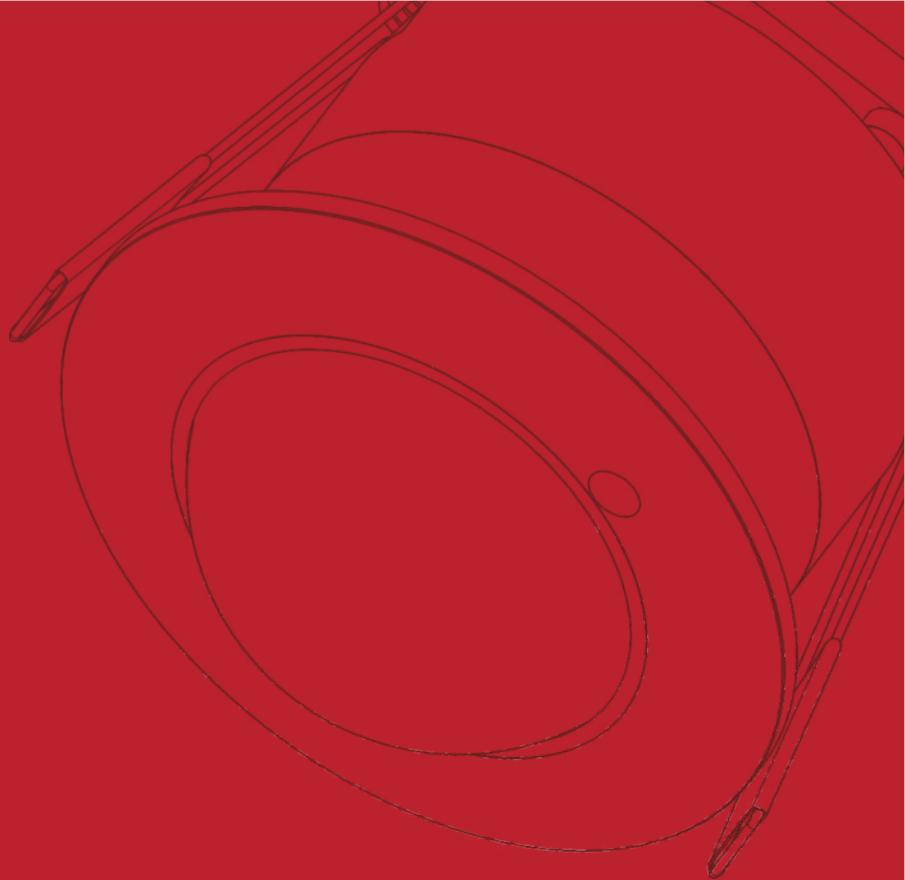
## Technology

Cause of most of the fire accidents are short circuits. Even the DG and Inverter back up wire get disconnect or melt during fire. This creates complete darkness and makes the evacuation difficult. The real Fire Escape Lighting is something where the light is ON during emergency. Presenting both maintained & Non maintained Fire Escape Lighting Fixtures. Recess, Surface & Industrial Luminaires are available.



## TEST SWITCH INDICATOR STATUS

Indicators Type	LED Indicators Status	EM Driver Status/Mode
Bi-Color indicator	● Solid Green	System OK/AC OK (Self-diagnostic Enabled or Disabled).
Bi-Color indicator	● Flashing Green. 0.1s on/3s off	System OK/EM Mode
Bi-Color indicator	● Slow Flashing Red, 4s on/1s off	Battery not detected, check battery switch or connection.
Bi-Color indicator	● Flashing Red, 1s on/1s off	Replace battery.
Bi-Color indicator	● Flashing Green, 2s on/2s off	Self-Diagnostic test underway.
Bi-Color indicator	● Fast Flashing Red, 0.1s on/0.s off	Abnormal driver performance, replace driver.
Bi-Color indicator	● Very Slow Flashing Red, 1s on /7s off	Over temperature.
Bi-Color indicator	● Very Slow Flashing Red, 4s on/4s off	LED output load is Short/Over Current/Over Voltage/Open Circuit in EM Mode.



## One Stop Source for Intelligent Lighting & Automation

### **Head Office**

13th Floor, B-Wing, Peninsula Business Park, Senapati Bapat Marg, Lower Parel (W), Mumbai - 400 013.

#### **Experience Center - Bengaluru**

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12th Main Road, 2nd Block  
Rajaji Nagar, Bengaluru - 560010

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215, Best Arcade,  
Sector-12, Dwarka,  
New Delhi - 110075

#### **Experience Center – Pune**

Shrinivas Aptt, 101, S No. 18/2/1/9,  
DP Road, Vishal Nagar,  
Pimple Nilakh, Pune - 411027

#### **Experience Center – Nashik**

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Bhaba Nagar, Mumbai Naka,  
Nashik - 422011