iTvis®
Lighting First

Automation
SIMPLIFIED

CATALOGUE 2025

Mahindra Rise.
DHL
Hero
G
firstcry.com
MRF
BOSCH
legrand
amazon
CEAT
Mahindra LOGISTICS
SIEMENS
Myntra
TDK
CUTIS Academy of Cutaneous Sciences Education · Care · Research
IRON MOUNTAIN®
Kirloskar
JBM Group
FDC
आर सी एफ
CPWD
IndianOil
एन एच पी सी NHPC
Coromandel
पावरग्रिड
INDIAN INSTITUTE OF MANAGEMENT KOZHIKODE
RACL Geartech

TRUSTED BY
PAN INDIA
CUSTOMERS

TATA COMMUNICATIONS
SPARK MINDA
GI Graphite India Limited

FINE ORGANICS
gsk GlaxoSmithKline
Delhi Metro Rail Corporation Limited
asianpaints
JOHN DEERE
VIP

ASB Form Your Vision
CYBAGE Delivering Value. Scientifically.
HAL
KSB World Class Energy Efficient Pumpsets

UAE PROJECTS

Abu Dhabi Capital Group
Higher Colleges of Technology
ASCORP HOLDINGS PSC
transEm Trans Emirates Systems LLC
DAMAS Medical Center

OMAN PROJECTS

AL BUSTAN PALACE A RITZ-CARLTON HOTEL
CENTRAL BANK OF OMAN
Hilton HOTELS & RESORTS
Barceló HOTEL GROUP
SOS SPECIAL OILFIELD SERVICES
MANAH SOLAR PLANT
THE SULTAN CENTER

![itvis Lighting First]

HOUSE OF SENSORS

QURUS

ESYLUX

QURUS™

PIR ON-OFF SURFACE MOUNTED
Passive Infrared Sensor (QRSR-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

PIR ON-OFF RECESS MOUNTED
Passive Infrared Sensor (QRSR-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 HF RECESS MOUNTED
High Frequency Sensor (QRSR-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 & Hotels

ON-OFF INBUILT HF SENSOR
High Frequency Sensor (QRSR-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

SURFACE/RECESS CORE+ SENSOR
IP44 PIR Sensor with Mask (QRSR-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

RECESS MOUNTED PLUS SENSOR
PIR Sensor with Two Channel Relay (QRSR-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

HIGH FREQUENCY LIFEBEING
High Sensitivity Sensor (QRSR-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

DAYLIGHT HARVESTING SENSOR
Recess Mounted DALI Broadcasting HF (QRSR-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.

AUTO DIMMING SENSOR CUM DRIVER
High Frequency - 15/30W
(QRSR-HF-DS-15 (15W) I QRSR-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

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 HIGH MOUNTED SENSOR
ON-OFF & Dimming (QRSR-HF-HM-OF)

- Range: 8 meter.
- Mounting Height : 3-15 meter.
- Maximum Load : 400W.
- Switch off at 100% daylight.

Applications: Warehouses, Industries & Outdoor Applications

IP65 DAYLIGHT HARVESTING SENSOR
High Mounted HF Sensor (QRSR-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)

ESYLUX
G E R M A N Y

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 I 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).

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. **DALI**

PIR DALI-2 BMS SENSOR
DALI-2 Certified
(EP10428203-8 Mtr I EP10428210-24 Mtr I 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 **DALI 2**

PIR DALI-2 APC-30 LMS SENSOR
Inbuilt Power Supply & Controller (EP10428302)

- Control up to 16 groups and 16 scenes
- Presence & daylight dependent constant light control
- Presence and daylight dependent adaptive HCL light
- Weekday and time-dependent control of functions
- Simple parameterisation, remote control and documentation with ESY-App **DALI 2**

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 **KNX**

PIR ON-OFF MINI SENSOR
Remote Compatible
(EP10426025-8 MTR I 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. **DALI**

Applications: Office, Institution and Hotel.

PIR DALI DIMMING MINI DALI SENSOR
DALI Broadcast Sensor (EP10427510)

- Range: 8 meter. **DALI**
- 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 I EP10427459-24 Mtr) **DALI**

- Range: 8/24/32 Meter
- Standalone sensor for room management.
- 2 Channel for 25+25 DALI Lights.
- Also connect HVAC, Projector by using DALI relays.

Applications: Meeting Room and Institution

PIR DALI-2 APC-10 LMS SENSOR
Inbuilt Power Supply & Controller
(EP10428142-8 Mtr I EP10428159-24 Mtr I 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 **DALI 2**

PIR KNX BASIC SENSOR
Light + Presence (EP10430442)

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

Applications: Office and Institution **KNX**

PIR KNX ATMO 6 IN 1 SENSOR
Light, Presence, Temperature, Humidity, Acoustic, VOC
(EP10427213 (T) I EP10427206 (A) I 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 **KNX**

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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

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

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

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

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
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

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 SWITCH

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

Application Fixture
- Street Lights
- Bollard
- Outdoor Lighting

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

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

DALI-2 Drivers with NFC

SELV · **CE** · **RoHS COMPLIANT** · **PUSH** · **NFC** · **CLO** · **FLICKER FREE** · **0.01% DIMMING**

	MODEL NO.	TYPE	WATT	SPECIFICATION	DIMENSIONS
RECTANGULER MODELS	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
ROUND MODELS	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
LINEAR SLIM MODELS	DRV-SRPL2305N30CC	DT6	30W	250-850mA (Via NFC) @10-54V	248×30×21mm
	DRV-SRPL2309N30CCT	DT8	30W	250-850mA (Via NFC) @10-54V	248×30×21mm
	DRV-SRPL2305N40CC	DT6	40W	500-1050mA (Via NFC) @10-54V	248×30×21mm
	DRV-SRPL2309N40CCT	DT8	40W	500-1050mA (Via NFC) @10-54V	248×30×21mm
	DRV-SRPL2305N50CC	DT6	50W	650-1300mA (Via NFC) @10-54V	280×30×21mm
	DRV-SRPL2309N50CCT	DT8	50W	650-1300mA (Via NFC) @10-54V	280×30×21mm
	DRV-SRPL2305N60CC	DT6	60W	900-1700mA (Via NFC) @10-54V	280×30×21mm
	DRV-SRPL2309N60CCT	DT8	60W	900-1700mA (Via NFC) @10-54V	280×30×21mm
	DRV-SRPL2305N80CC	DT6	80W	1000-2200mA (Via NFC) @10-54V	355×30×21mm
	DRV-SRPL2309N80CCT	DT8	80W	1000-2200mA (Via NFC) @10-54V	355×30×21mm
DALI-2 CV MODELS	DRV-2305-24-75LCV	DT6	75W	4A @24VDC	306.6×43×30mm
	DRV-2309-24-75LCVT	DT8	75W	4A @24VDC	306.6×43×30mm
	DRV-2305-24-100LCV	DT6	100W	4A @24VDC	306.6×43×30mm
	DRV-2309-24-100LCVT	DT8	100W	4A @24VDC	306.6×43×30mm
	DRV-2305-24-150LCV	DT6	150W	6.25A @24VDC	365.6×43×30mm
	DRV-2309-24-150LCVT	DT8	150W	6.25A @24VDC	365.6×43×30mm

LIGHTING

controllers

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DALI DT6 TOUCH CONTROLLER
with Inbuilt Power Supply (CT-DL-1006)

- Type: DT6
- DALI DT6 Controller with Inbuilt Power Supply.
- 4 Groups & 4 Scenes.
- Dimming & Scene Control

Applications: Home, Office, Institution & 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 & Meeting Room

DALI SWITCHING RELAY
Mini Relay (CT-DL-1010)

- Type: DALI
- 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 DALI LMS & 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 assigned to buttons can be labelled.
- Power supply from DALI bus.
- Compatible with 55mm frames from most manufacturers.

DALI DT8 TOUCH CONTROLLER
with Inbuilt Power Supply (CT-DL-1001)

- Type: DT8
- DALI DT8 Controller with Inbuilt Power Supplies.
- 4 Groups & 4 Scenes.
- Dimming, CCT Tuning & Scenes

Applications: Home, Office, Institution & 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 & Meeting Room

DALI MASTER CONTROLLER
Programming Gateway (CT-DL-1023)

- Type: DALI
- Suitable for DALI DT6, DT8 Devices.
- Built in Power Supplies (100mA).
- Connect to PC for DALI Software configuration.

Applications: Used for DALI Master Software Programming

PoE+DALI HCL SYSTEM
Human Centric Lighting System

- Suitable for 4/6/8 TW PoE Lights & 50 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.

INTELLISENSE
Your Presence Does it All!

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
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
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
RECESS PANEL LIGHT
(LED-151-RDLPC-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
2X2 GRID PANEL
Sensor Inbuilt Recess Mounted
(LED-INT-036-22O-CW I LED-INT-036-22D-CW)

- 2x2/4x1/1x1 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
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
INDUSTRIAL BATTEN
Sensor Inbuilt (LED-INT-036-IBO-CW I LED-INT-036-IBD-CW)

- Surface/Pendent 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
RADAR BATTEN
Sensor Inbuilt PVC Batten
(LED-201-RDR-BTN I 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
SPIRAL UFO HIGHBAY
12V Sensor Inbuilt (LED-INT-080-SPR-CW
LED-INT-100-SPR-CW I 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

AUTO DIM/AUTO ON-OFF
UFO HIGHBAY
12V Sensor Inbuilt (LED-INT-080-UFD-CW
LED-INT-100-UFD-CW I LED-INT-150-UFD-CW)

- Highbay with DC sensor. Motion based auto ON-OFF
- Auto DIM and Orientation Lighting.
- Beam Angle: 60/90°

Applications: Warehouse, Industry Shop Floor & Commercial Spaces
Models: 70/75/80/100/120/150/180/200W

DAYLIGHT HARVESTING
SCRIPT HIGHBAY
Sensor Inbuilt (LED-INT-100-SRH-CW I 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

DIM/ON-OFF STREET LIGHT
12V Sensor Inbuilt (LED-INT-080-RSD-CW
LED-INT-100-RSD-CW I 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

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

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

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

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

EXCEL
Auto Dim/Auto On-Off (LED-INT-036-22O-CW)

- 2x2/4x1/1x1 Recessed Troffers
- Occupancy based ON-OFF, Dimming and Orientation Lighting.

Applications: Offices & Commercial Spaces

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

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

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

Let's Customise

Speciality Luminaires with Intelligent Options

DIMMABLE TUNABLE WHITE DALI 2 PoE POWER OVER ETHERNET SENSOR INBUILT RF BATTERY BACKUP
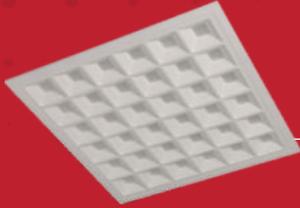
Architectural Luminaires
Glare Free/Auto On-Off/Auto Dim Options
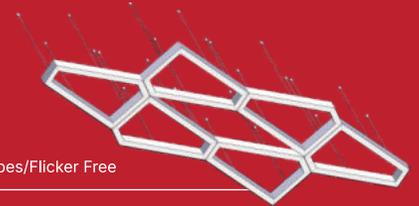
Profile Shapes
Low UGR Customised Shapes/Flicker Free

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
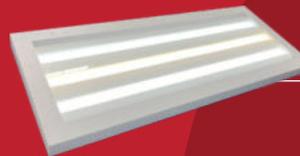
Paint Shop Luminaires
Flicker Free/Dimmable/Tunable

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

RENOVATION | UPGRADE | DIGITALIZATION

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.

L   N
PIR Sensor
L'
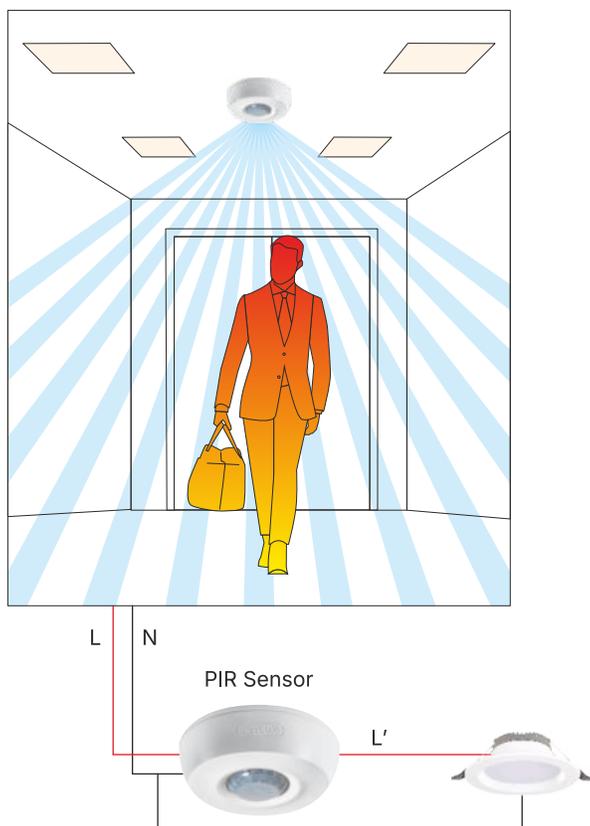
High Frequency Technology

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.

N   L
HF Sensor
L'
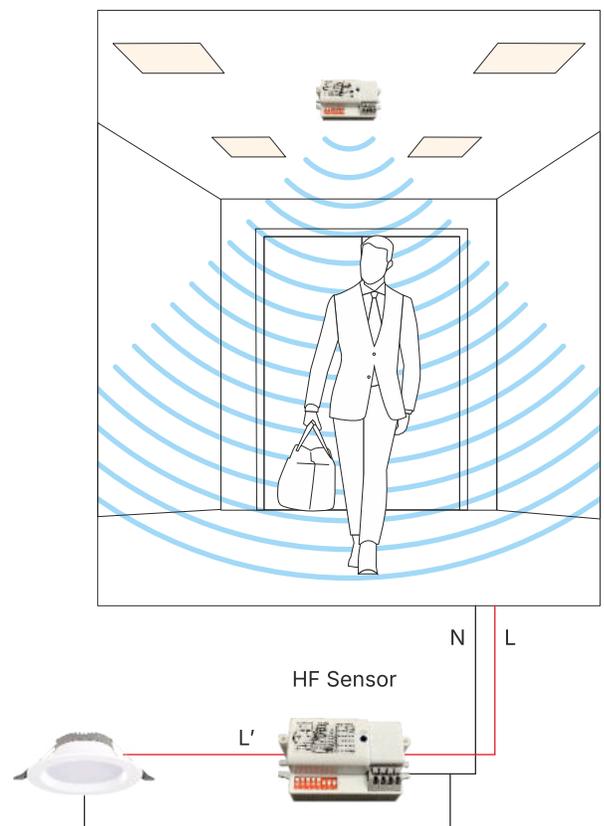
Switching PLUS

Automated Switching of Light + HVAC or Light + Fan

Product Range

2 Channel
PLUS Sensor

PIR ON-OFF
PLUS Sensor

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

Technology

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

L   N

C1   C2

Channel-2 (A/C or Fan via contactor)
230 V AC/2 A, 24 V DC/2 A

N
L

N   L

Contactor

Channel-1 (Lights) 600W Load

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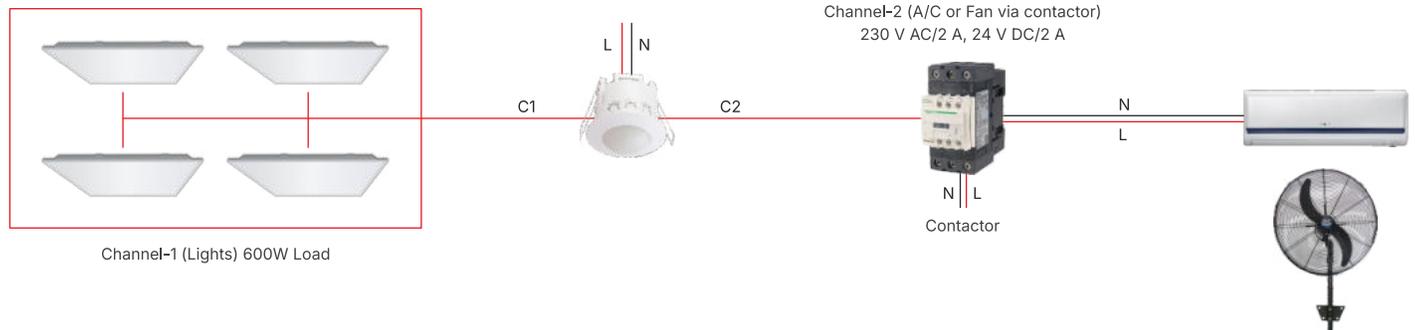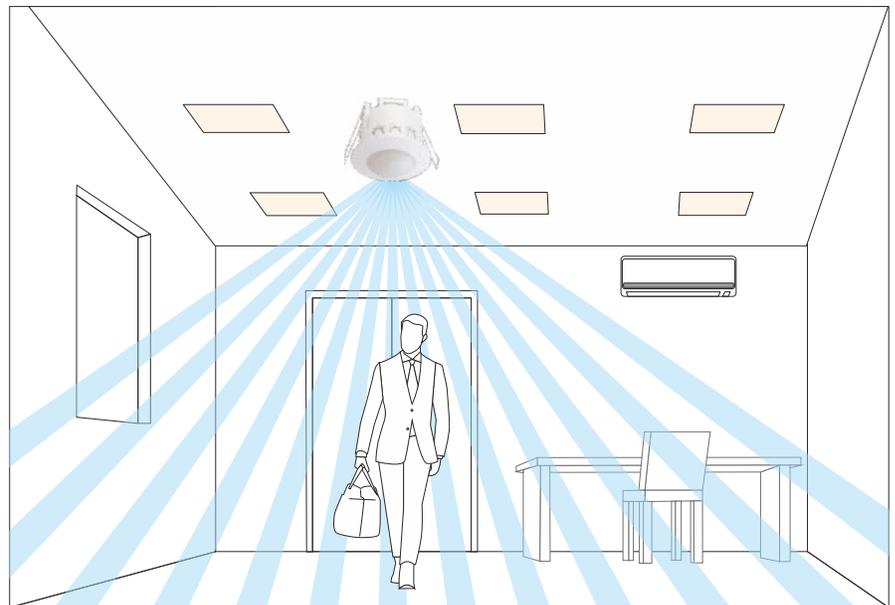
Dimming & Daylight Harvesting

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

| L | N | DA+ | DA- |

DALI PIR Sensor

| S | S | DA | DA |

DALI Luminaire

| L | N | DA | DA |

Upto 25 DALI Luminaires

L
N
DA+
DA-

DALI   DIMMABLE 1-10V
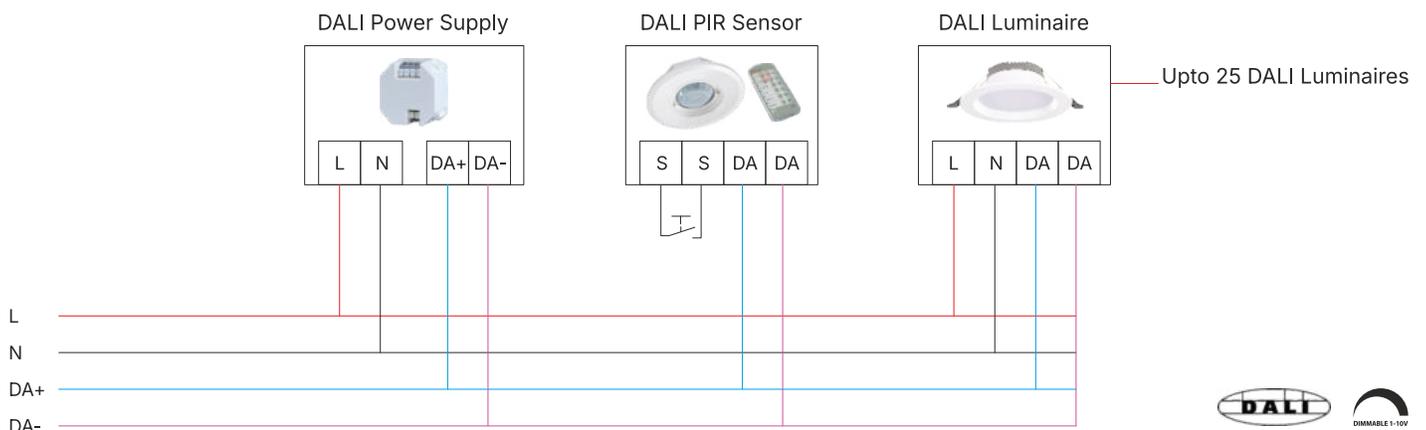
Highbay Automation

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
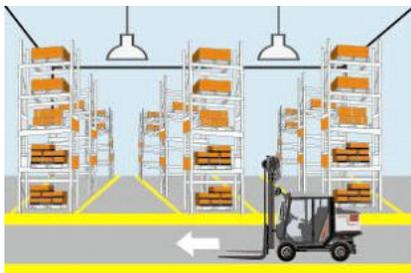
1) With sufficient ambient light, the light will not be switched on even if with motion signal.
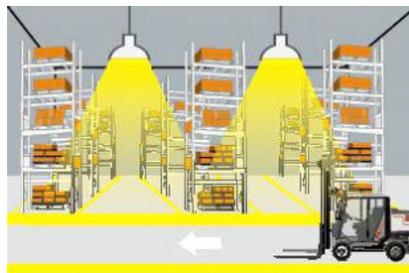
2) With insufficient ambient light, the sensor switches on the light when motion is detected.
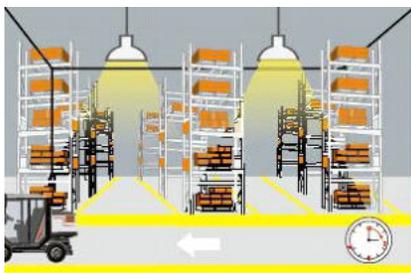
3) After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.
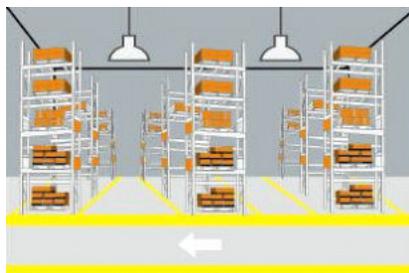
4) After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

Dimmable
Highbay 1-10V

− + L' N

N
L

DIMMABLE
1-10V
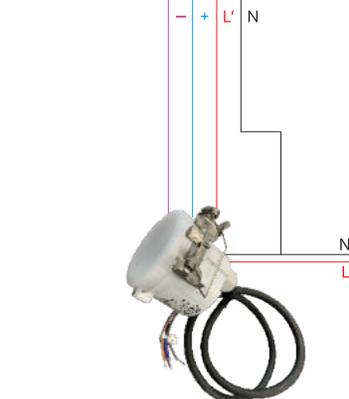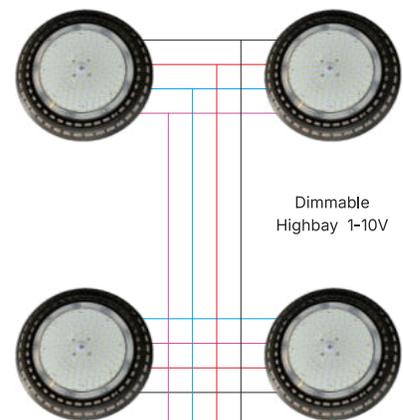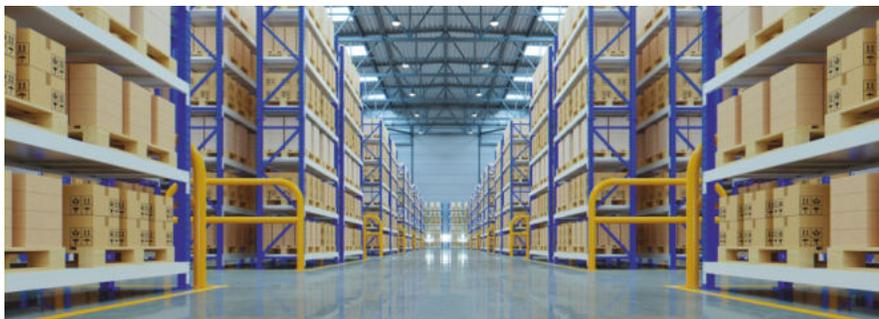
Mounting Height: 3-15 Mtr
Connected Load: Upto 400W

Mood Lighting & Scene Control

DALI (Digitally Addressable Lighting Interface) Solutions

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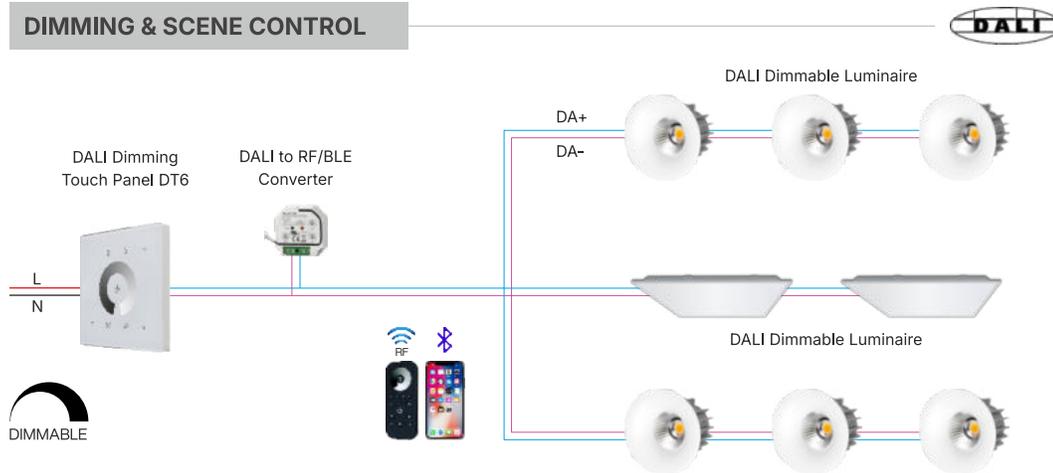- Video Conference Room • Classrooms

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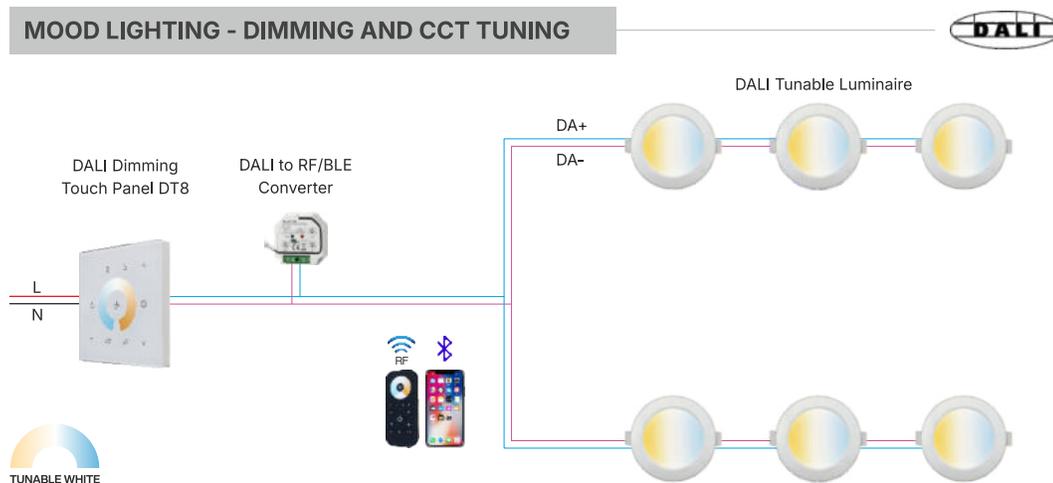- Scene Controls
- Wire and Wireless Control together

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

DALI Dimmable Luminaire

DA+
DA-

DALI Dimming
Touch Panel DT6

DALI to RF/BLE
Converter

L
N

DIMMABLE

RF

DALI Dimmable Luminaire

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

DALI Tunable Luminaire

DA+
DA-

DALI Dimming
Touch Panel DT8

DALI to RF/BLE
Converter

L
N

TUNABLE WHITE

RF

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

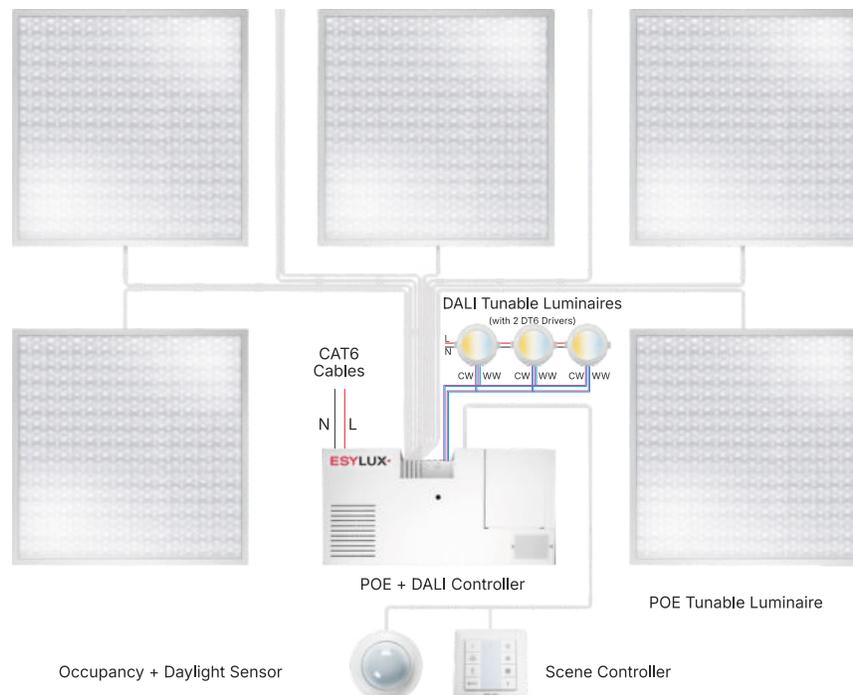DALI Relay

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.

DALI Tunable Luminaires
(with 2 DT6 Drivers)

CAT6 Cables

POE + DALI Controller

POE Tunable Luminaire

Occupancy + Daylight Sensor

Scene Controller

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.
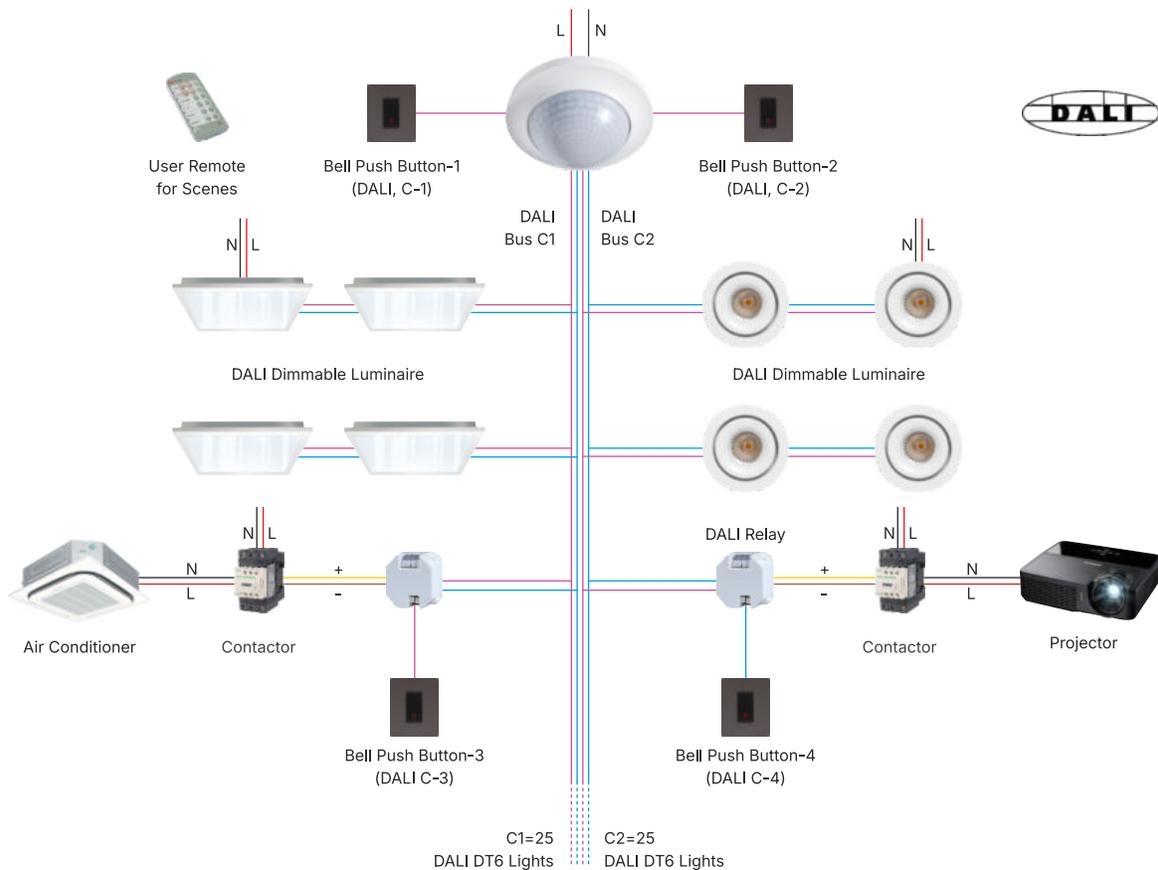
LMS - Lighting Management Systems
LMS & BMS

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
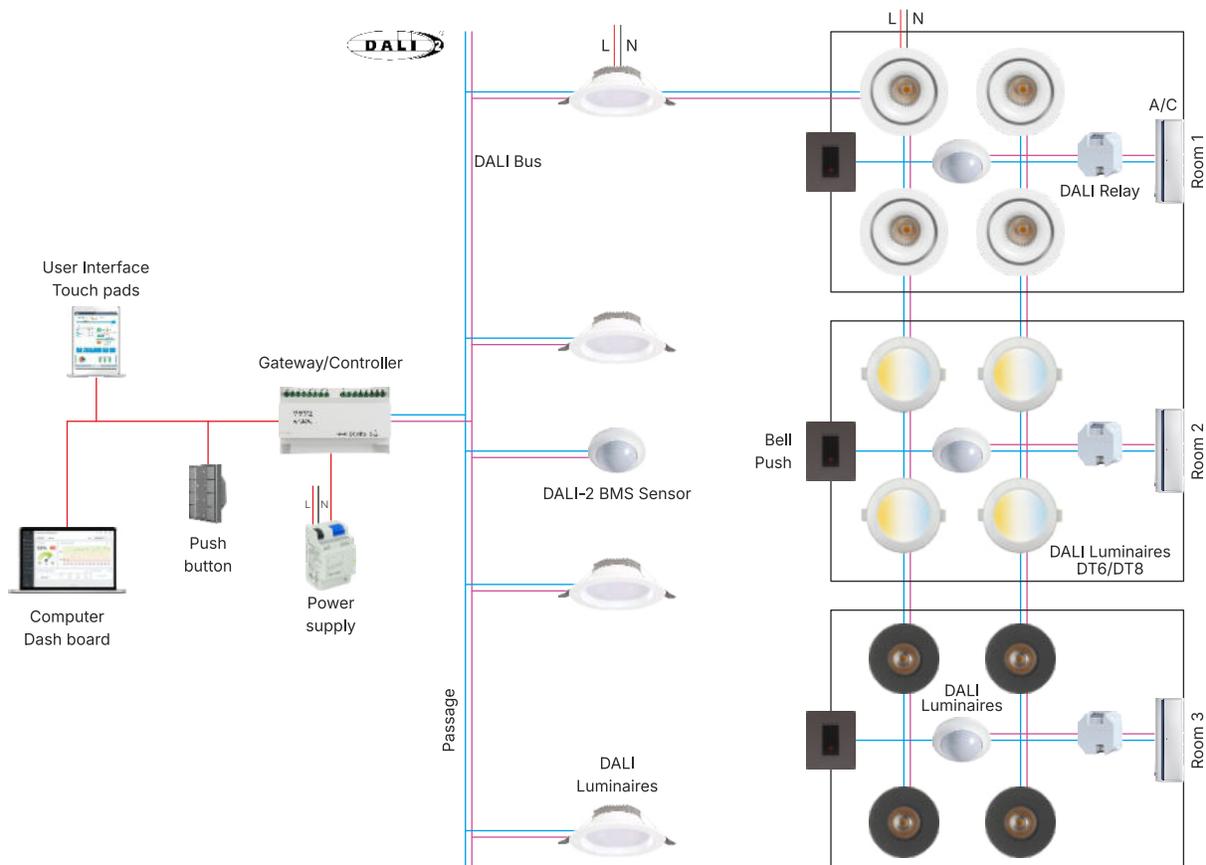
DALI Push Button Controller DT6

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
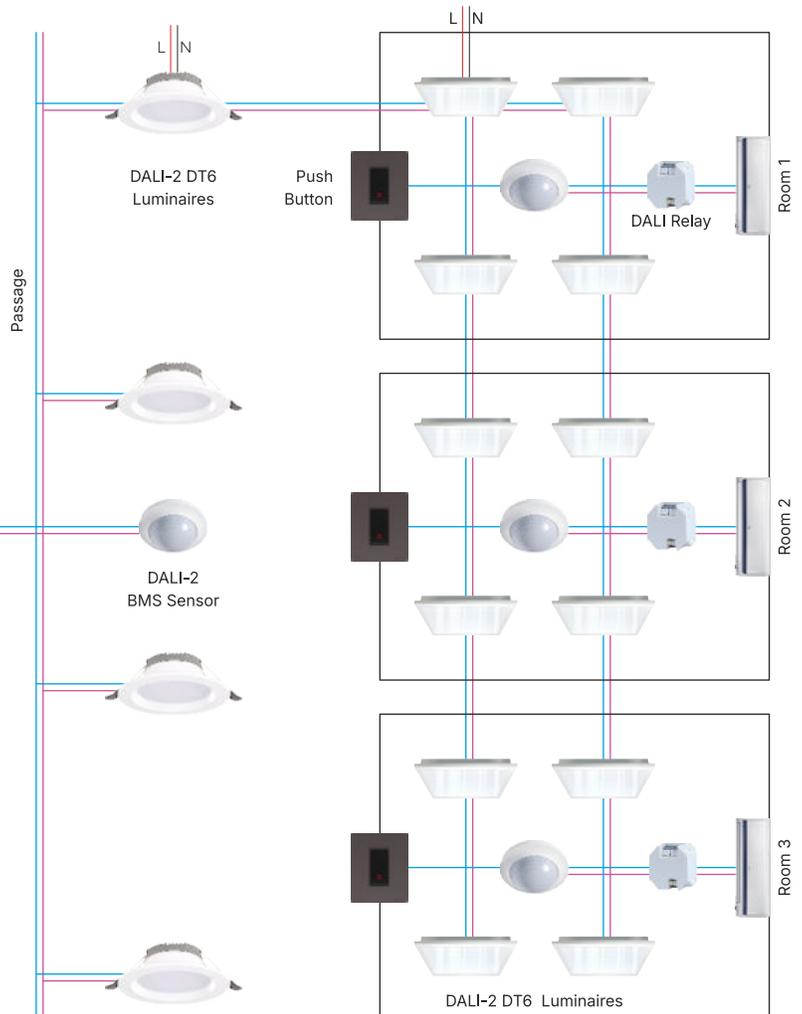- Scene control
- Automated switching
- Energy saving

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

DALI-2
APC Sensor

DALI-2
Push button

LATEST
GERMAN
INNOVATION

ESY CONTROL

L N

Passage

DALI-2 DT6
Luminaires

Push
Button

DALI-2
BMS Sensor

DALI-2 DT6 Luminaires

L N

DALI Relay

Room 1

Room 2

Room 3

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
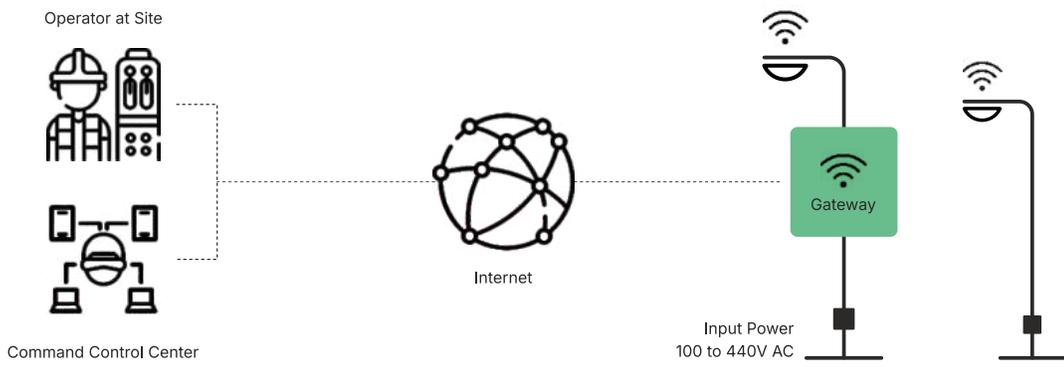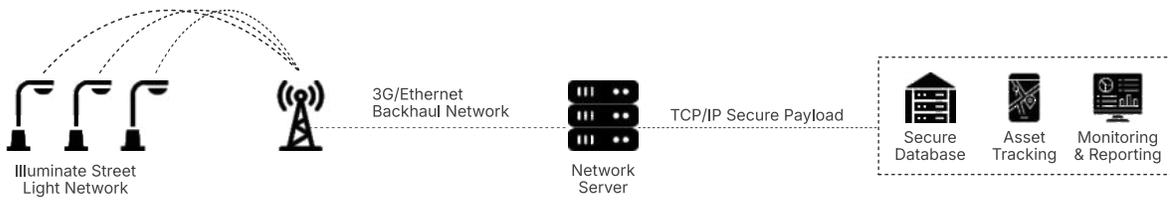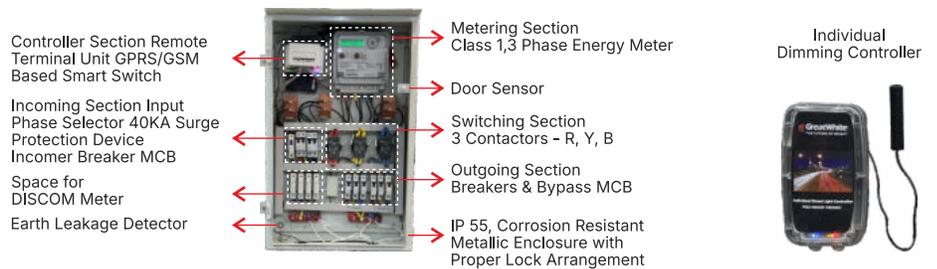
Products

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.

Controller Section Remote Terminal Unit GPRS/GSM Based Smart Switch

Incoming Section Input Phase Selector 40KA Surge Protection Device Incomer Breaker MCB

Space for DISCOM Meter

Earth Leakage Detector

Metering Section Class 1,3 Phase Energy Meter

Door Sensor

Switching Section 3 Contactors – R, Y, B

Outgoing Section Breakers & Bypass MCB

IP 55, Corrosion Resistant Metallic Enclosure with Proper Lock Arrangement

Individual Dimming Controller

Illuminate Street Light Network

3G/Ethernet Backhaul Network

Network Server

TCP/IP Secure Payload

Secure Database

Asset Tracking

Monitoring & Reporting

Operator at Site

Command Control Center

Internet

Gateway

Input Power 100 to 440V AC

UVC Lighting

Ultra Violet Germicidal Irradiation (UVGI) Control systems

Project Applications
• Industries
• Commercial Buildings
• Classrooms
• Offices

User Benefits
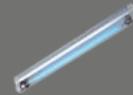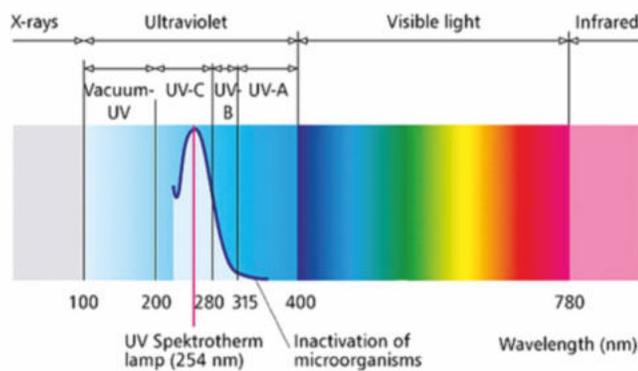• Disinfection and wellness

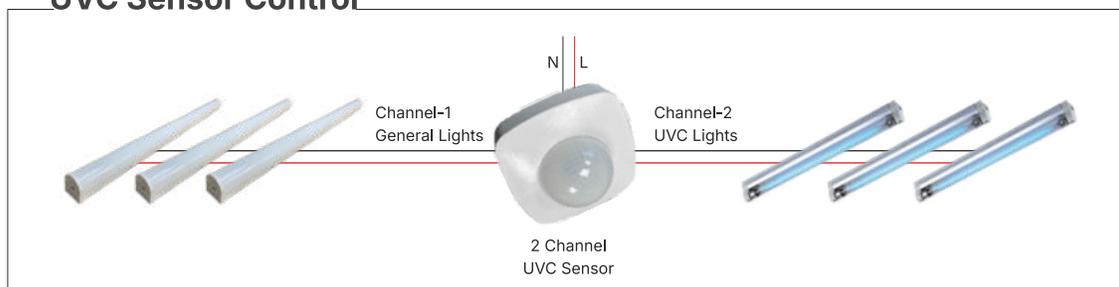## Product Range

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

N   L

Channel-1
General Lights

Channel-2
UVC Lights

2 Channel
UVC Sensor

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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.
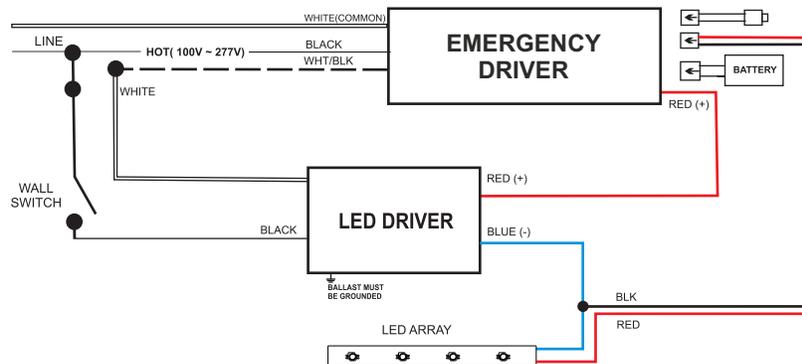
TEST SWITCH INDICATOR STATUS

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.

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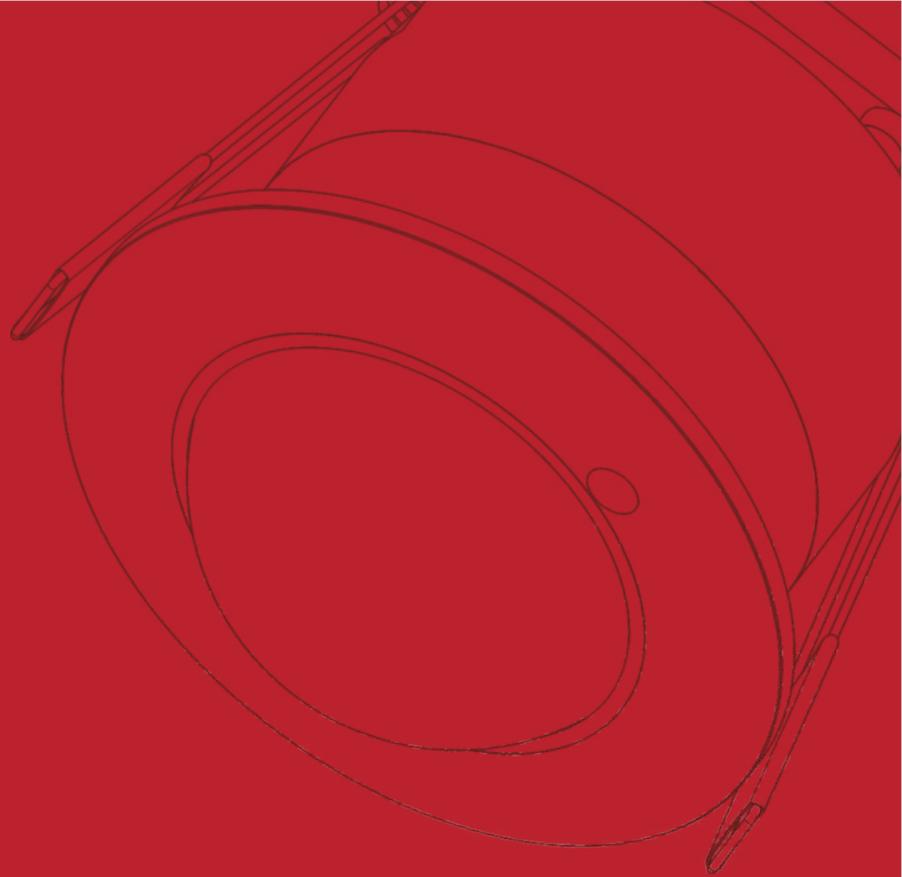
One Stop Source for Intelligent Lighting & Automation