

lighting first

**Serving
lighting
OEMs over
25 years!**

iTvis[®]
Lighting First

MEMBERSHIP



Indian Society of
Lighting Engineers



LACMA

LUMINAIRE | ACCESSORIES
COMPONENTS | MANUFACTURERS
ASSOCIATION

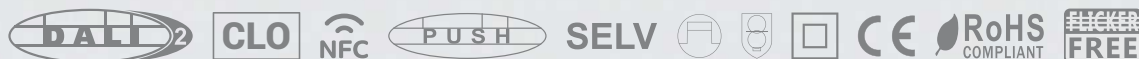
Automation Products

Page 01-05	DALI-2 NFC Drivers
Page 06-07	Emergency Drivers
Page 08-10	Fixture Inbuilt Sensors
Page 11-13	On-Off Sensors
Page 14-16	Dimming Sensors
Page 17-18	BMS Sensors KNX & DALI
Page 19-21	Special Application Sensors
Page 22-24	Lighting Controllers





DALI-2 Drivers with NFC



KEY FEATURES

- DALI-2 Constant Current LED Driver DT6 & DT8
- DALI Dimming – 0.01% to 100%
- NFC Features
- Set O/P Current in Step of 0.1mA
- Set DALI-2 Settings in Driver
(Device Address, Scenes & Group setting, Power on level, System failure level, Fade time, Fade rate etc.)
- Dimming Curve Selection (Linear / Logarithmic)
- Copy All Setting from One Driver to Another
- Wireless Current Selection (0.1mA per gear)
- DALI Parameter Setting Easy
- Absolutely No-Flicker
- Future Proof Technology - NFC
- Easy Retrofit / Replacement of Driver





10W-DT6

SRP-2305N-10CC100-500

Features

- Type: DT6
- Watt: 10W
- Specification: 100-500mA @ 3-42V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 101x36x25mm



10W-DT8

SRP-2309N-10CCT100-500

Features

- Type: DT8
- Watt: 10W
- Specification: 100-500mA @ 3-42V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 101x36x25mm



15W-DT6

SRP-2305N-15CC100-700

Features

- Type: DT6
- Watt: 15W
- Specification: 100-700mA @ 6-42V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 135x35x20mm



15W-DT8

SRP-2309N-15CCT100-700

Features

- Type: DT8
- Watt: 15W
- Specification: 100-700mA @ 6-42V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 135x35x20mm



25W-DT6

SRP-2305N-25CC250-700

Features

- Type: DT6
- Watt: 25W
- Specification: 250-700mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 120x41x28mm



25W-DT8

SRP-2309N-25CCT250-700

Features

- Type: DT8
- Watt: 25W
- Specification: 250-700mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 120x41x28mm



36W-DT6

SRP-2305N-36CC350-1050

Features

- Type: DT6
- Watt: 36W
- Specification: 350-1050mA @ 6-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 145x45x28mm



36W-DT8

SRP-2309N-36CCT350-1050

Features

- Type: DT8
- Watt: 36W
- Specification: 350-1050mA @ 6-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 145x45x28mm



45W-DT6

SRP-2305N-45CC500-1400

Features

- Type: DT6
- Watt: 45W
- Specification: 500-1400mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 145x45x28mm



45W-DT8

SRP-2309N-45CCT500-1400

Features

- Type: DT8
- Watt: 45W
- Specification: 500-1400mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 145x45x28mm



65W-DT6

SRP-2305N-65CC500-1500

Features

- Type: DT6
- Watt: 65W
- Specification: 500-1500mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 124x79x30mm



65W-DT8

SRP-2309N-65CCT500-1500

Features

- Type: DT8
- Watt: 65W
- Specification: 500-1500mA @ 6-58V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 124x79x30mm



10W-DT6

SRPY-2305N-10CC100-500

Features

- Type: DT6
- Watt: 10W
- Specification: 100-500mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø57x24



10W-DT8

SRPY-2309N-10CCT100-500

Features

- Type: DT8
- Watt: 10W
- Specification: 100-500mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø57x24



15W-DT6

SRPY-2305N-15CC200-700

Features

- Type: DT6
- Watt: 15W
- Specification: 200-700mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø57x24



15W-DT8

SRPY-2309N-15CCT200-700

Features

- Type: DT8
- Watt: 15W
- Specification: 200-700mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø57x24



25W-DT6

SRPY-2305N-25CC300-850

Features

- Type: DT6
- Watt: 25W
- Specification: 300-850mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø65x30



25W-DT8

SRPY-2309N-25CCT300-850

Features

- Type: DT8
- Watt: 25W
- Specification: 300-850mA (Via NFC) @20-42VDC
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: Ø65x30



30W-DT6

SRPL-2305N-30CC250-850U

Features

- Type: DT6
- Watt: 30W
- Specification: 250-850mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 248×30×21mm



30W-DT8

SRPY-2309N-10CCT100-500

Features

- Type: DT8
- Watt: 30W
- Specification: 250-850mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 248×30×21mm



40W-DT6

SRPL-2305N-40CC500-1050U

Features

- Type: DT6
- Watt: 40W
- Specification: 500-1050mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 248×30×21mm



40W-DT8

SRPL-2309N-40CCT500-1050U

Features

- Type: DT8
- Watt: 40W
- Specification: 500-1050mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 248×30×21mm



50W-DT6

SRPL-2305N-50CC650-1300U

Features

- Type: DT6
- Watt: 50W
- Specification: 650-1300mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 280×30×21mm



50W-DT8

SRPL-2309N-50CCT650-1300U

Features

- Type: DT8
- Watt: 50W
- Specification: 650-1300mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 280×30×21mm



60W-DT6

SRPL-2305N-60CC900-1700U

Features

- Type: DT6
- Watt: 60W
- Specification: 900-1700mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 280×30×21mm



60W-DT8

SRPL-2309N-60CCT900-1700U

Features

- Type: DT8
- Watt: 60W
- Specification: 900-1700mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 280×30×21mm



80W-DT6

SRPL-2305N-80CC1000-2000U

Features

- Type: DT6
- Watt: 80W
- Specification: 1000-2000mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 355×30×21mm



80W-DT8

SRPL-2309N-80CCT1000-2000U

Features

- Type: DT8
- Watt: 80W
- Specification: 1000-2200mA (Via NFC) @10-54V
- NFC Enabled Programming System
- CLO, Push Dim, Corridor function
- Supports DALI Part 215, 252 & 253
- Dimension: 355×30×21mm



EMERGENCY DRIVERS



EMUFO-AAA Series

480V High Voltage
Emergency LED Driver

Output Power	: 25/40W
Input Voltage	: 277-480V DC, 50-60Hz
Input Power	: 12W (Max)
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 3.96lbs (1.8kg)
Dimensions	: Length: 6.8" x Height: 5.47"



EMAAAWW Series

480V High Voltage
Emergency LED Drivers

Output Power	: 8/15/20/25/30/40W
Input Voltage	: 277-480V DC, 50-60Hz
Input Power	: 7/12W (Max)
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 1.98lbs (0.9kg) / 6.17lbs (1.22kg)
Dimensions	: Length: 12.32" x Width: 2.32" x Height: 1.48"



EMBXXYY Series

Constant Power
Emergency LED Driver

Output Power	: 8/15/18/30W
Input Power	: 7/10W (Max)
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 0.82lbs (0.37kg) to 1.52lbs (0.6kg)
Dimension	: Length: 7.32" X W 1.5" X H 1.0"



EMQ Series

Constant Power
Emergency LED Driver

Output Power	: 4/8/15W
Input Power	: 7W (Max)
Input Voltage	: 100-347V AC, 50-60Hz
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-140°F (0°C-60°C)
Battery	: LiFePO4
Recharge	: 24 Hrs
Weight	: 1.54lbs (0.7kg) max.
Dimension	: Length: 5.78" X Width: 1.77" Height: 0.965"



EMH Series

Constant Power
Emergency LED Driver

Output Power	: 8/18W
Input Power	: 7W (Max)
Input Voltage	: 100-347V AC, 50-60Hz
Emergency Time	: >90 Minutes
Operating Temp	: 41°F - 140°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 1.5lbs (0.68kg) / 1.74lbs (0.79kg)
Dimension	: Length: 13.58" x Width: 1.54" x Height: 0.99"



EML Series

Constant Power
Emergency LED Driver

Output Power	: 4/8W
Input Power	: 5W (Max)
Input Voltage	: 100-347V AC, 50-60Hz
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 1.51lbs (0.68kg) / 1.74lbs (0.79kg)
Dimension	: Length: 13.58" x Width: 1.54" x Height: 0.99"



EMW-XXDI Series
Constant Power
Emergency LED Driver

Output Power	: 15/30W
Input Power	: 12W (Max)
Input Voltage	: 100-347V DC, 50-60Hz
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 2.09lbs (0.95kg) / 2.54lbs (1.15kg)
Dimension	: Length: 14.7" x Width: 3.149" x Height: 1.57"



EMS Series

Output Power	: 4W
Input Power	: 5W (Max)
Input Voltage	: 100-277V AC, 50-60Hz
Emergency Time	: >90 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 0.7lbs (0.32kg)
Certificate	: UL/cUL listed
Dimension	: Length: 5.2" x Width: 1.5" x Height: 0.86"



EM LED Driver
for UFO Highbay

Output Power	: 25/30W
Input Power	: 12W (Max)
Input Voltage	: 100-240V AC, 50-60Hz
Emergency Time	: >180 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 3.7lbs (1.7kg)
Dimension	: Length: 11.3" X Height: 3.8"



EM LED Driver
for UFO Highbay

Output Power	: 10W
Input Power	: 12W (Max)
Input Voltage	: 100-240V AC, 50-60Hz
Emergency Time	: >180 Minutes
Operating Temp	: 32°F-140°F (0°C-60°C)
Battery	: LiFePO4
Recharge	: 24 Hrs
Weight	: 3.7lbs (1.7kg)
Dimension	: Length: 116mm X Width: 100mm



EMAXXFY-170

Output Power	: 8/15W
Input Power	: 7W (Max)
Input Voltage	: 100-240V AC, 50-60Hz
Emergency Time	: >180 Minutes
Operating Temp	: 32°F-122°F (0°C-50°C)
Battery	: Lithium
Recharge	: 24 Hrs
Weight	: 2.36lbs (1.07kg)
Dimension	: Length: 12.33" X Width: 2.33" X Height: 1.82"



EMX-BY

Output Power	: 2/4/5/15/18/25W
Input Power	: 3/7W (Max)
Input Voltage	: 200-240V AC, 50-60Hz
Emergency Time	: >180 Minutes
Operating Temp	: 32°F-140°F (0°C-60°C)
Battery	: LiFePO4
Recharge	: 24 Hrs
Weight	: 1.64lbs (0.74kg)
Dimension	: Length: 132mm x Width: 38mm x Height: 22mm



HOUSE OF SENSORS

Fixture Inbuilt Sensors

- PIR & HF Sensors
- Sensitive Detection
- Economical Range
- Indoor & Outdoor Light Switching
- Lux based & Occupancy based Switching



**Dimming Sensor
Cum Driver-15W**

Features

- Motion based ON-OFF or dimming.
- Orientation lighting.
- Detection Range: 4-6 meter.
- 15W, 350mA, 22-42V.
- Mounting Height : 3Mtr.
- Delay set time and lux setting features.

Fixture Applications

- Downlights



**Dimming Sensor
Cum Driver-30W**

Features

- Motion based ON-OFF or dimming.
- Orientation lighting.
- Detection Range: 4-6 meter.
- 30W, 700mA, 22-42V.
- Mounting Height : 3Mtr.
- Delay set time and lux setting features.

Fixture Applications

- Downlights, 2x2, Troffers



HF Slim Sensor

Features

- Motion based ON-OFF.
- Detection Range: 8 meter.
- Fixture inbuilt or ceiling mounting.
- Highly sensitive detection.
- Max LED Load: 400W.
- Installation Height: 2.5-5 Meter.
- Delay set time and lux setting features.

Fixture Applications

- 2x2, Troffers



**Triproof Sensor
ON-OFF**

Features

- Motion based ON-OFF.
- Detection Range: 4-10 meter.
- Mounting Height: 3-6 mtr.
- Load: 400W Max.
- Delay set time and lux setting features.

Fixture Applications

- Industrial Batten, Weather Proof



**Triproof Sensor
ON-OFF & Dimming**

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting
- Detection Range: 4-8 meter.
- Mounting Height: 3-6 mtr.
- Load: 400W Max.
- Delay set time and lux setting features.

Fixture Applications

- Industrial Batten, Weather Proof (with 1-10V Dimmable Driver)



IP65

PIR Batten Sensor

ON-OFF & DIM

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting.
- Detection Range: 12-18 meter.
- Mounting Height: 3-15 mtr.
- Max Load: 200W.
- Delay set time and lux setting features.

Fixture Applications

- Linear Battens (with 1-10V Dimmable Driver)



IP65

HF Batten Sensor

ON-OFF & DIM

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting.
- Detection Range: 12-18 meter.
- Mounting Height: 3-15 mtr.
- Max Load: 200W.
- Delay set time and lux setting features.

Fixture Applications

- Linear Battens (with 1-10V Dimmable Driver)



Slim HF Batten Sensor

ON-OFF

Features

- Motion based ON-OFF.
- Detection Range: 8 meter.
- Mounting Height: 3-5 Mtr.
- Load: 200W Max.
- Delay set time and lux setting features.

Fixture Applications

- Industrial Batten, Weather Proof



Super Slim HF Batten Sensor

PWM Dimming

Features

- Motion based ON-OFF.
- Orientation lighting.
- Detection Range: 8 meter.
- 12V DC input, ON-OFF, PWM Dimming.
- Mounting Height: 3-6 Mtr.
- Delay set time and lux setting features.

Fixture Applications

- Industrial Batten, Weather Proof (with PWM Dimmable Driver)



IP65

Highbay Dimmable Sensor

ON-OFF & Dimming

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting.
- Detection Range: 12-16 meter.
- Mounting Height: 3-15 Mtr.
- Max Load: 400W.
- Delay set time and lux setting features.

Fixture Applications

- Highbay (with or without 1-10V dimmable driver)



IP65

Highbay Daylight Harvesting Sensor

ON-OFF, Dimming, Daylight Harvesting

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting & Daylight Harvesting.
- Detection Range: 12-16 meter.
- Mounting Height: 3-15 mtr.
- Max Load: 400W.
- Delay set time and lux setting features.

Fixture Applications

- Highbay (with 1-10V Dimmable Driver)



**12V HF Sensor -
Highbay/Street Light**
ON-OFF & Dimming

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting.
- Detection Range: 12-16 meter.
- 12V input (no direct load on sensor)
- Mounting Height: 3-15 Mtr.
- Delay set time and lux setting features.

Fixture Applications

- Highbay, Street Light (with 12V Aux 1-10V dimmable driver)



**12V HF Sensor -
Zhaga**
ON-OFF & Dimming

Features

- Motion based ON-OFF & Dimming.
- Orientation lighting.
- Detection Range: 12-16 meter.
- 12V input - Zhaga (no direct load on sensor)
- Mounting Height: 3-15 Mtr.
- Delay set time and lux setting features.

Fixture Applications

- Highbay, Street Light (with 12V Aux 1-10V dimmable driver)



**HF Flood
Light Sensor**
ON-OFF

Features

- Motion based ON-OFF.
- Detection Range: 4-6 meter.
- Max load: 400W.
- Mounting height: 4-6 mtr.
- Delay set time and lux setting features.

Fixture Applications

- Flood lights



**Dusk to Dawn
Twilight Switch**

Features

- Day-night based auto ON-OFF.
- Max Load: 400W

Fixture Applications

- Garden lights, Street lights (with IP65 casing as necessary)



**Inbuilt Twilight
Sensor**
ON-OFF

Features

- Day-night based auto ON-OFF.
- Max Load: 400W
- IP65 lux detector.

Fixture Applications

- Garden lights, Street lights



**Daylight Harvesting
Switch**
1-10V Dimming

Features

- Daylight based auto dimming.
- Range: 100-2000 LUX.
- Daylight harvesting

Fixture Applications

- 2x2, Linear, Highbay (with 1-10V dimmable driver)

ON-OFF Sensors

- PIR & HF Sensors
- Sensitive Detection
- Economical Range
- Indoor & Outdoor Light Switching
- Fixture Inbuilt & Standalone Options
- Lux based & Occupancy based Switching



PIR On-Off Sensor
(Surface Mounted)

Features

- Range: 8 meter.
- Mounting Height: 2-4 Mtr.
- Load: 1000W 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 Sensor
(Recess Mounted)

Features

- Range: 6 meter.
- Mounting Height: 2-4 Mtr.
- Load: 600W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.

Applications

- Offices, Institutions and Hotels



HF On-Off Sensor
(Recess Mounted)

Features

- Range: 8 meter
- Mounting Height: 2-4 Mtr.
- Load: 300W Max. Automated switching based on motion.
- Switch off at 100% daylight.

Applications

- Offices, Institutions, Washrooms and Hotels



IP44 PIR Sensor
ON-Off

Features

- Range: 6 meter
- Mounting Height: 2-4 Mtr.
- Load: 600W Max.
- Automated switching based on motion.
- Switch off at 100% daylight.

Applications

- Washrooms and Parking Areas



Core Sensor

Features

- Range: 20 meter.
- PIR sensor with detection control mask.
- 20 meter dia detection.
- Multiple pyro electric sensors inside.
- Max LED Load: 600W.
- Installation Height: 2.2-5 Meter.

Applications

- Office, Industry, Warehouse, Hotel and Washroom



Basic Sensor

Features

- 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, Warehouse, Hotel and Washroom



Mini Sensor

Features

- 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, Warehouse, Hotel



Flat Round Sensor

Features

- Range: 8 meter.
- Designer's choice, FLAT Round, PIR Sensor with mask.
- Push button & remote compatibility.
- LED Load: 600W. Mounting Height: 2.5-5M.
- Available in Black and White Color

Applications

- Office, Institution and Hotel



Flat Square Sensor

Features

- Range: 8 meter.
- Designer's choice, FLAT square, PIR sensor with mask.
- Push button & remote compatibility.
- LED Load: 600W. Mounting Height: 2.5-5M.
- Available in Black and White Color

Applications

- Office, Institution and Hotel



Wall Mount Sensor

Features

- Range: 16 meter.
- Wall mounting PIR motion sensor with 180 degree Detection.
- Push button & remote compatibility.
- LED Load: 600W.
- Mounting height: 1.1M-2.2M

Applications

- Staircase, Office and Outdoor Applications



Rotating Head Sensor

Features

- Range: 20 meter.
- Wall / ceiling mounting PIR motion sensor with 180 degree Detection.
- LED Load: 250W.
- Mounting height: 2.5M-3M.
- Detection area adjustment by rotating head. IP44.

Applications

- Office and Outdoor Applications

ESYLUX[®]
Germany



Corridor Sensor

Features

- Range: 32 meter.
- 32M motion sensor for corridor & 32M presence detector.
- LED Load: 600W.
- Mounting Heights: 3-10M.
- Push button & remote compatible.

Applications

- Passages and Corridors.



PLUS Sensor

Features

- Range: 8/24/32 Meter.
- PIR sensor for light + A/C or Fan.
- 600W LED & 2300W HVAC/Fan Load.
- Remote & push button compatible.
- Mounting Height: 3-5M(8M), 3-10M(24&32M). 2 Chanel

Applications

- Office, Warehouse, Industry & Institution



Duo PLUS Sensor

Features

- Range: 24 meter.
- 3 Chanel sensor. 2 channel for lights & 1 Channel for HVAC/Fan.
- 600W LED load & 2300W HVAC. Mounting Height: 3-10M.
- Push button & remote compatible.

Applications

- Office, Warehouse, Industry & Institution



Twilight Switch
Wall Mount

Features

- Range: 5-500 LUX.
- Wall mount Dusk to Dawn Sensor with 5 -500Lx detection capacity.
- Switch ON & OFF lights based on night & day.
- Also available with timer. IP55

Applications

- Indoor & Outdoor Applications.



Motion Sensor
Outdoor

Features

- Range: 24 meter.
- Outdoor PIR motion sensor with 200 degree detection.
- Mounting Height: 3-5M.
- LED Load: 600W. Push button option. IP55.
- Black /White colour option

Applications

- Outdoor Application



Defensor

Features

- Range: 40 meter.
- Safety sensor for outdoor lights.
- Dusk to dawn+ timer+ motion in one sensor. 230/280 degree.
- Max LED Load: 600W.
- Mounting Height 3-6M. IP55. Black/White.

Applications

- Outdoor Application

ESYLUX
Germany

Dimming Sensors

- DALI Dimming Sensors for DALI Fixtures
- 1-10V Dimming Sensors for 1-10V Fixtures
- 360 degree Detection
- Designers choice models
- Up to 25 DALI Fixtures per DALI Sensor
- Up to 600W LED Load per 1-10V Sensor
- Single Channel & 2 Channel Options
- Auto ON-OFF on Occupancy
- Daylight harvesting by auto dimming
- Orientation Light on delay set time
- Push Button & Remote Control Options
- DALI DUO for Room management
- Made in Germany Sensors
- Up to 5 Year Warranty options



**Flat Mini
DALI Sensor**

Features

- 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.



**Mini DALI
Sensor**

Features

- 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.



**DALI Sensor
Flat Round/Square**

Features

- Range: 8 meter. DALI broadcast dimming sensor.
- Can also connect HVAC by using DALI Relay.
- To be used with DALI power supplies.
- Mounting Height: 3-5 Meter. 25 DALI ECGs
- Available in black and white color

Applications

- Office, Institution and Hotel.



**Flat Round
DALI Set**

Features

- 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.



**Flat Square
DALI Set**

Features

- 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 Duo Sensor
2 Channel

Features

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

Applications

- Meeting Room and Institution



**1-10V
Dimming Sensor**

Features

- Range: 8/24 Meter
- 1-10V dimming sensor for 600W LED Load.
- Mounting height: 3-5 Meter.
- Remote & Push button options.
- To be used with 1-10V Dimmable fixtures.

Applications

- Office and Institution.



Warehouse Sensor
Dimmable

Features

- Range: 32X4 Meters
- 32X4 Mtr elliptical detection sensor for 600W LED load of 1-10V. dimmable fixtures.
- Mounting height: 10 Mtr.
- Can also connect HVAC/Fan.

Applications

- Heightened Isle Area.



**Duo DIM
PLUS Sensor**
3 Channel

Features

- Range: 24 meter.
- 1-10V dimming sensor with 2 channels for lights & 1 channel for HVAC.
- Lighting Load: 600W / Channel.
- Mounting height: 3-5Mtr.

Applications

- Office, Warehouse, Industry & Institution



**DALI HF
Surface Sensor**
Surface Mount

Features

- Range: 5-1200LUX.
- DALI broadcast dimming sensor.
- For 64 DALI drivers, Divided in to maximum 15 groups
- Available in black and white color

Applications

- Office, Institution and Hotel.



**DALI HF
Recess Sensor**
Recess Mount

Features

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

Applications

- Office, Institutions & Hotels.



Highbay Sensor DIM
ON-OFF & Dimming

Features

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

Applications

- Warehouses, Industries and Outdoor Applications



HF Dimmable Sensor

Features

- Range: 10-12 meter.
- Day Light harvesting.
- Orientation lighting.
- Mounting Height: 3-15 mtr.
- Max Load: 200W.

Applications

- Warehouses and Industries

BMS Sensors KNX & DALI

Sensors for KNX Automation

- Occupancy + Lux Sensor
- Touch Sensor & Night Lamp Sensor
- Indoor & Outdoor KNX
- Designers choice models
- 6 in 1 ATMO Sensor

DALI-2 Addressable Sensors

- Occupancy + Lux Sensor
- DALI-2 Certified, Addressable
- Push buttons for scene recall
- PIR programming
- Suitable for any DALI-2 LMS Systems



**KNX Basic
Sensor**

Features

- 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



**KNX Mini
Sensor**

Features

- 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 Flat Mini
Brightness Controller**

Features

- Range: 5-10000 LUX.
- KNX functions: Daylight dependent constant lighting control, orientation light function, twilight switch function.
- Mounting Height: 3-5 Meter.

Applications

- Office and Institution



**KNX Flat
Sensor**

Features

- Range: 8 meter.
- KNX functions: Alarm, twilight switch, brightness detection, light dependent motion detection, snooze function, scene telegram via object.
- 2.5-5M mounting.

Applications

- Office and Institution



**KNX Touch
Sensor**

Features

- Range: 16 Meter (E-16M/K-16M/T-16M)
- KNX 180 degree sensor with Touch function (T model), Motion & Lux detection, Twilight switch.
- Night light option (7 colours).
- Mounting: 1.1-2.2 Meter.

Applications

- Office and Institution



KNX Up Sensor

Features

- Range: 8/24 Meter (8M-U/24M-E/24M-U)
- KNX Output: Presence, status, light value, HVAC.
- Alarm, twilight switch, brightness detection, light-dependent motion detection.
- Mounting: 3-5 Meter

Applications

- Office and Institution



KNX Compact Sensor

Features

- Range: 32 meter.
- KNX Output: Presence, status, light value, HVAC.
- Alarm, twilight switch, brightness detection, light-dependent motion detection.
- Mounting: 3-5 Meter

Applications

- Office and Institution



KNX Outdoor Sensor

Features

- Range: 40 meter.
- Switching, Regulate & Dimming Sensor.
- Twilight switch, Motion direction detection (three objects).
- Brightness detection.
- Mounting: 2.5M-4M

Applications

- Outdoor Applications



KNX Atmo 6 In 1 Sensor

Features

- 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



DALI-2 BMS Sensor

Features

- 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 APC LMS Sensor

Features

- 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

Special Application Sensors

- 12V DC Input Sensors
- 12-24V AC Input Sensors
- 12-36V DC Input Sensors
- UVC Sensors for Disinfection Management
- Made in Germany
- Up to 5 Year warranty options



UVC Sensor

Features

- 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



Acoustic Sensor-mic

Features

- Range: 8 meter.
- Sensor with inbuilt acoustic for complex layout.
- LED Load: 600W.
- Mounting Height: 3-5M.
- Push button & remote compatibility.

Applications

- Hospital, Classroom & Office



Dry Contact Sensor

Features

- Range: 24 meter.
- Sensor with 2 floating break contacts for controlling lighting on separate phases or via a 230V AC emergency power supply.
- LED Load: 250W.
- Mounting: 3-10M

Applications

- For Controlling High Power Equipment



AC/DC Wall Mount Sensor
13-36V AC/DC

Features

- Range: 16 meter.
- Wall sensor suitable for 12-36V AC/DC Input applications.
- Switching Load: 2A.
- Mounting Height: 3-5 Meter.
- Remote Compatible. ON-OFF & DIM

Applications

- Hospital, Classroom & Office



UC Sensor
13-36V AC/DC

Features

- Range: 40 meter.
- Outdoor sensor suitable for 12-36V AC/DC Input applications.
- Switching Load: 2A.
- Mounting Height: 3-5 Meter.
- Remote Compatible. ON-OFF.

Applications

- Outdoor and Garden Area



UC Mini Sensor
12-36V AC/DC

Features

- Range: 8 meter.
- Mini sensor suitable for 12-36V AC/DC input applications.
- Switching Load: 2A.
- Mounting Height: 3-5 Meter.
- Remote Compatible. ON-OFF & DIM.

Applications

- Hospital, Classroom & Office



UC Sensor
12-36V AC/DC

Features

- Range: 8/24 meter.
- Sensor suitable for 12-36V AC/DC input applications.
- Switching Load: 2A.
- Mounting Height: 3-5 Meter.
- Remote Compatible. ON-OFF & DIM.

Applications

- Hospital, Classroom & Office



Mini Sensor
12V DC

Features

- Range: 6 meter.
- Mini sensor suitable for 12V DC input applications.
- Switching Load: 12V/3A.
- Mounting Height: 3-5 Meter.
- Remote Compatible.

Applications

- Office



ELC Sensor
for PoE HCL

Features

- Range: 8/24 meter.
- Presence & daylight sensor suitable for PoE ELC controllers.

Applications

- ELC Controller



Slave Sensor

Features

- Range: 8 meter.
- Slave sensor for detection area extension application.

Applications

- As a Secondary Sensor



Slave Sensor
Mini

Features

- Range: 8 meter.
- Mini slave Sensor for detection area extension application.

Applications

- As a Secondary Sensor



**Slave Sensor
Warehouse**

Features

- Range: 24 meter.
- Compact slave sensor suitable for warehouse sensor detection area expansion

Applications

- As a Secondary Sensor



**Dry Contact
Microwave Sensor**

Features

- Input: 12-24V DC
- Load: Resistive / 36V DC
- Detection Radius: 3 meter.
- Mounting Height: 2.5-4 meter.
- Working mode: P1-P2 is a normally open relay

Applications

- Dry contact switching

LIGHTING *controllers*

Key Features

- Compatible with wide range of fixtures
- Flexible and scalable
- Easy system expansion or modification
- Easy programming interfaces
- Simplified setup and adjustments
- Scene control
- Effortless customization of lighting environments
- Enhanced user comfort
- Precise brightness and color control

Products

- DALI & DALI-2 Controllers
- Push Buttons
- DALI Couplers
- DALI Multi Master Gateway
- Dimming Controller
- Colour Tuning Control
- Scene Controls
- Wired & Wireless Solutions





**DALI Touch
Controller DT6**



Features

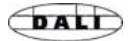
- Type: DT6
- Standalone DALI DT6 Controller with Inbuilt Power Supply.
- 4 Groups & 4 Scenes.
- Dimming & Scene Control

Applications

- Home, Office, Institution and Meeting Room



**DALI Touch
Controller DT8**



Features

- 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 Push Button
Controller DT6**



Features

- Type: DT6
- DALI-2, DT6 Scene Controller (Powered by DALI BUS).
- To be used with DALI Master controller.
- Dimming & Scene Control Options.

Applications

- Home, Office, Institution and Meeting Room



**DALI Push Button
Controller DT8**

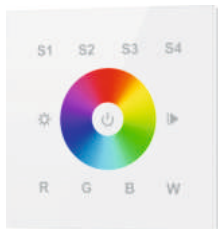


Features

- Type: DT8
- DALI-2, DT8 Scene Controller (Powered by DALI BUS).
- To be used with DALI Master controller.
- Dimming, CCT Tuning & Scene Control Options.

Applications

- Home, Office, Institution and Meeting Room



**DALI-2 RGBW
Controller**



Features

- Type: RGBW
- 12V Input Retrofit Sensor, IP65, ON-OFF, 1-10V Dimming.
- Mounting Height: 3-15 Mtr. Load: 400W Max.
- Suitable for Indoor & Outdoor Applications.

Applications

- Home, Office and Institution



**DALI Master
Controller**



Features

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

Applications

- Used for DALI Master Software Programming



**RF+ Bluetooth CCT
Remote Controller**

Features

- 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



**RF+ Bluetooth
Dimming Remote**

Features

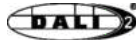
- Type: RF/BLE
- RF + Bluetooth Remote Control for Dimming, & Scene Control.
- Control up to 4 Zones.

Applications

- Home, Office, Institution and Meeting Room



**DALI Push
Button Coupler**



Features

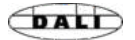
- Type: DALI
- DALI-2 Control Device that integrates existing push switches into DALI System.
- Terminal for 4 Switches. DALI BUS Powered.

Applications

- Used for Converting Normal Push Button to DALI Push Button



**DALI Switching
Relay - Mini**



Features

- Type: DALI
- DALI Addressable Switching Relay for Non DALI Device ON-OFF.
- Max Load to be connected : 300W.
- Powered by DALI BUS.

Applications

- Used for Converting Non DALI Device to DALI Device



**Bluetooth to
DALI Converter**



Features

- 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



**Wireless Curtain
Controller**

Features

- Type: BLE/RF
- RF+ Bluetooth Curtain Controller for Blinds.
- Can be controlled by Mobile App / RF Remote.
- Available with manual switch option.

Applications

- Home and Office



**POE + DALI
Controller-HCL**

Features

- POE + DALI Controller suitable for 4/6/8 Tunable POE Lights (700mA,48V) & 50 Nos TW DALI Fixtures.
- Inbuilt SimbiLogic program for Human Centric Lighting.

Applications

- Conference Room, Meeting Room, Institution, Office and Hospital

Models

- 4XTW/6XTW/8XTW Type



**POE + DALI
Controller HCL-KNX**

Features

- POE + DALI Controller suitable for 4/6/8 Tunable POE Lights (700mA,48V) & 50 Nos TW DALI Fixtures.
- Inbuilt SimbiLogic program for Human Centric Lighting.

Applications

- Conference Room, Meeting Room, Institution, Office and Hospital

Models

- 4XTW/6XTW/8XTW Type



**Scene
Controller ELC**

Features

- Type: DIM/HCL.
- Wall mounted push button scene controller suitable for DIM ELC & Human centric Lighting ELCs.
- DIM to bright, Warm to Cool & Preset Scenes.
- Mobile App Program

Applications

- Conference Room, Meeting Room, Institution, Office and Hospital



**DALI Power Supply/
DALI Relay**



Features

- Type: D. Relay/P. Supply.
- DALI Power Supplies suitable for DALI broadcast Sensors.
- DALI Relays for Non DALI device Switching suitable for DALI Sensors, DALI DUO & ELC.

Applications

- DALI Bus Power/Used for Converting Non DALI Device to DALI



BMS Gateways

Features

- Type: Details on request.
- Gateways with or without Power Supplies Suitable for DALI LMS & Various BMS Protocol Including BACNET.

Applications

- Lighting Management System



**CCMS - Street Light
Controllers**
Individual & Feeder Level

Features

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

Applications

- Street Lights & Outdoor Lights.



Lighting Solutions

AUTOMATION SIMPLIFIED

SWITCHING AUTOMATION

Automated Switching Of Lights By Sensors	01
Switching PLUS: Light + HVAC Or Light + Fan	02
Dusk To Dawn Automated Switching	03

DIMMING & DAYLIGHT HARVESTING

Daylight Harvesting: Indoor	04
Highbay Automation: Industries & Warehouses	05

MOOD LIGHTING & SCENE CONTROL

DALI (Digitally Addressable Lighting Interface) Solutions	06
---	----

HUMAN CENTRIC LIGHTING

PoE + DALI Solutions	07
----------------------------	----

MEETING ROOM AUTOMATION

DALI Duo Technology	08
---------------------------	----

LMS – LIGHTING MANAGEMENT SYSTEMS

LMS & BMS	09
LMS by DALI-2 APC Sensor	10

CCMS (Centralized Control & Monitoring System)

Street Light Control: Feeder Level & Individual Level	11
---	----

UVC LIGHTING (DISINFECTION)

Ultra Violet Germicidal Irradiation (UVGI) Control Systems	12
--	----

FIRE ESCAPE LIGHTING SOLUTIONS

Maintained & Non Maintained Emergency Lighting	13
--	----

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

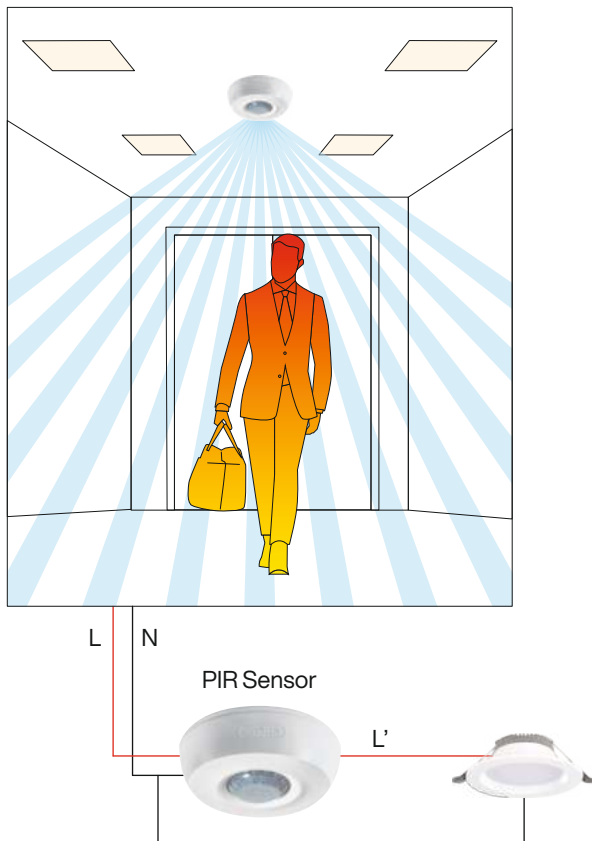
- Handsfree Hygiene Switching
- Energy saving

Product Range



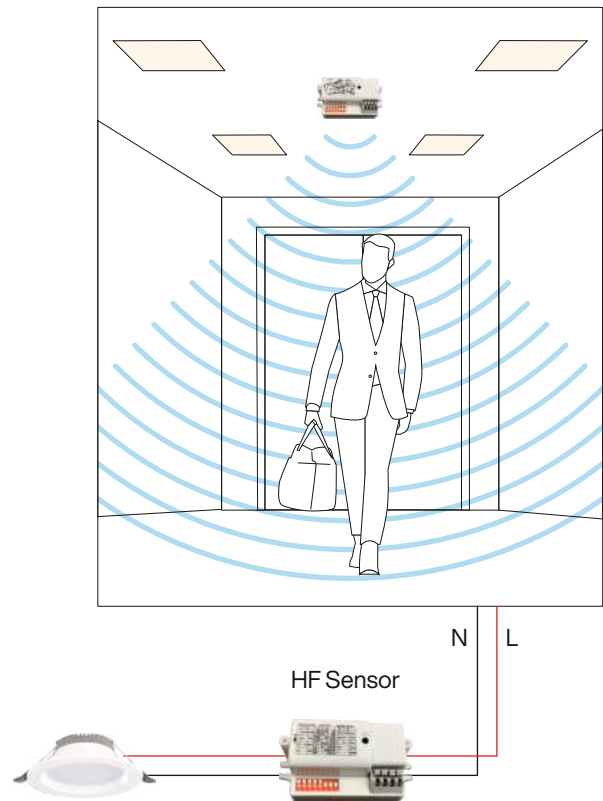
PIR Technology

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

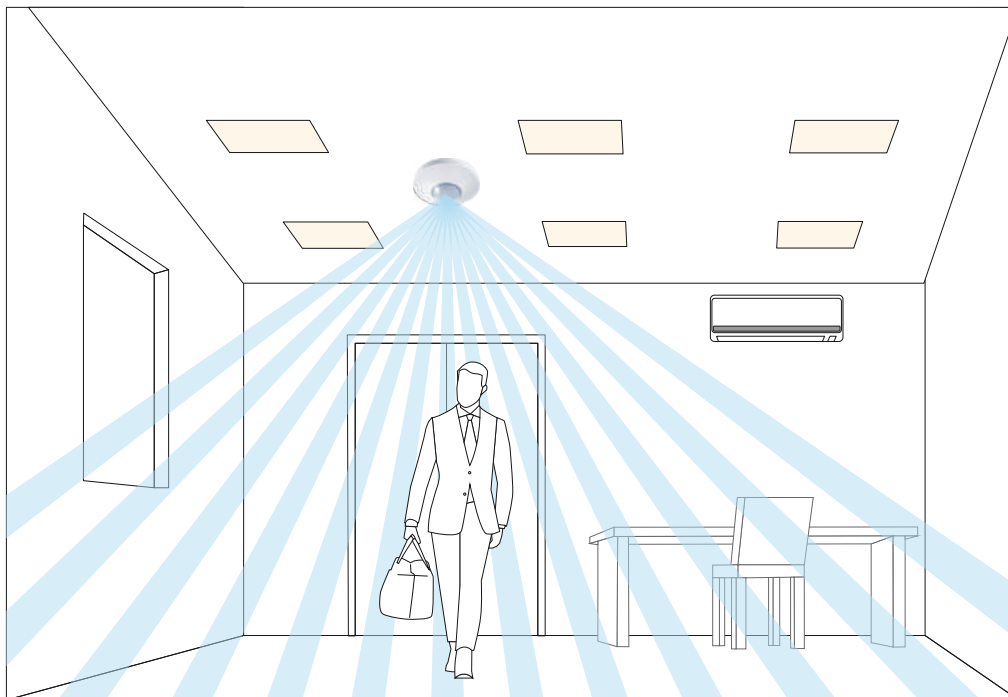
Product Range



2 Channel PLUS Sensor
8M/24M/32M
with Remote

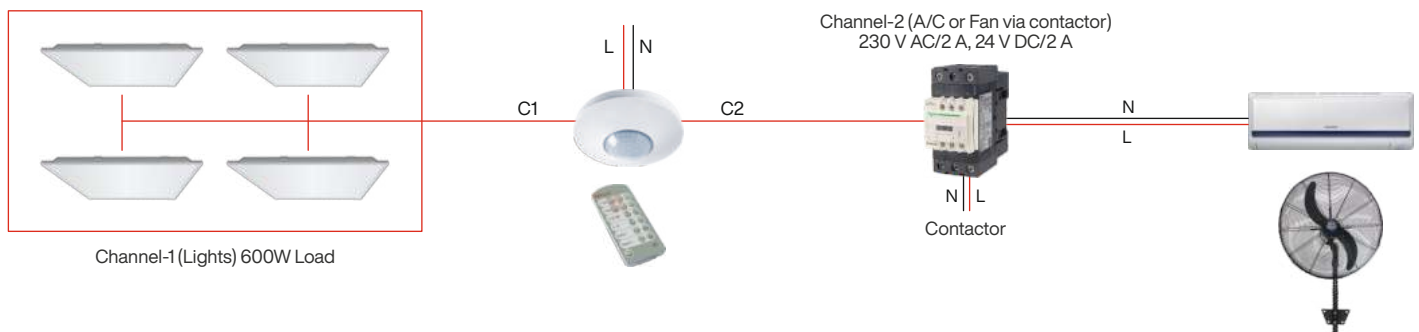


3 Channel Dimming
Plus Sensor with Remote



Technology

- 1) PIR Sensors with 2 channels. 1 channel for light and the other channel for HVAC switching through contactor or dry contact.
- 2) PIR sensors with 3 channels. 2 channels for light switching or dimming and the other channel for HVAC switching through contactor or dry contact.



Dusk to Dawn Automated Switching

Day-Night based switching of outdoor lights

Project Applications

- Outdoor Lights
- Garden Lights

User Benefits

- Automated switching
- Energy saving

Product Range



Twilight Sensor
Fixture Inbuilt



Standalone
Twilight Switch



All in One Defensor with
Dusk to Dawn Switching+
Timer+Motion Sensor



Twilight Switch
with Timer
(Wall Mount)



Defensor All in One

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



PIR Flat Round
DALI Set



PIR Flat Square
DALI Set



DALI/1-10 Duo DIM Sensor
(2/3 Channel)



Mini Sensor



DALI HF Sensor
Surface Mount

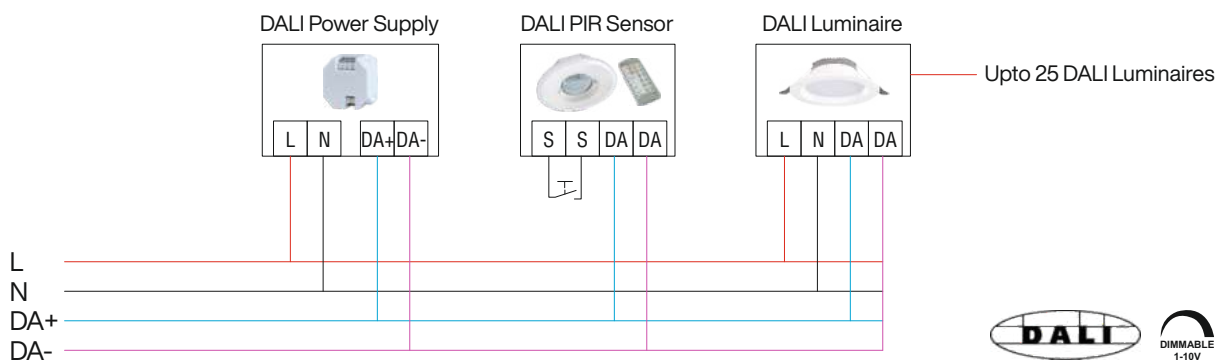


DALI HF Sensor Recess Mount
with Inbuilt Power Supply



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.



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



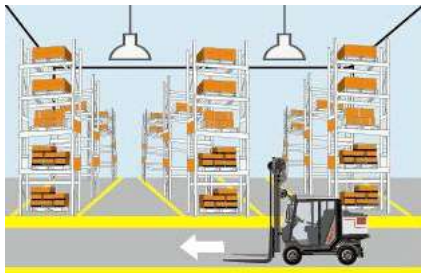
Highbay Sensor DIM
ON-OFF & Dimming



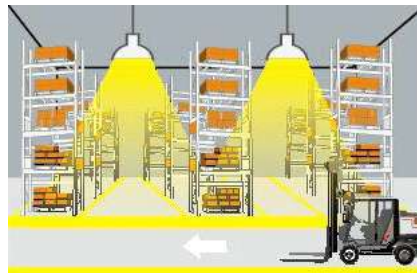
Highbay Sensor Daylight
Dimming & Orientation



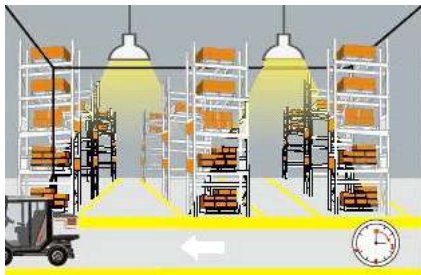
Inbuilt Dimming
Sensor 12V DC



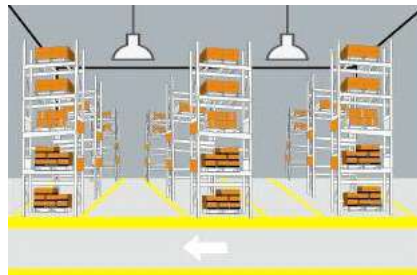
1) With sufficient ambient light, the light will not be switched on even if with motion signal.



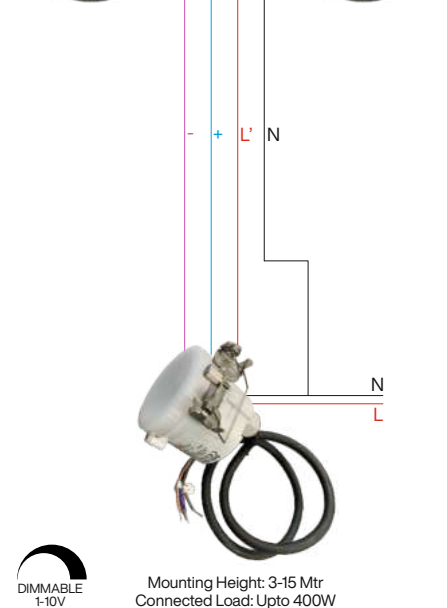
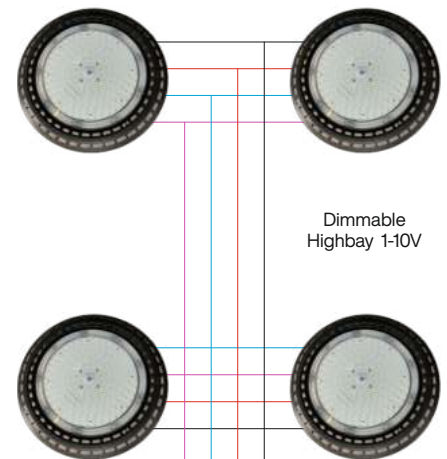
2) With insufficient ambient light, the sensor switches on the light when motion is detected.



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.



Mood Lighting & Scene Control

DALI (Digitally Addressable Lighting Interface) Solutions

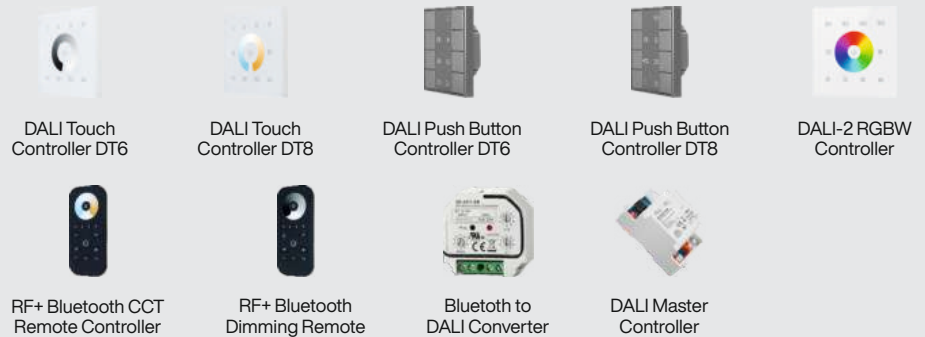
Project Applications

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

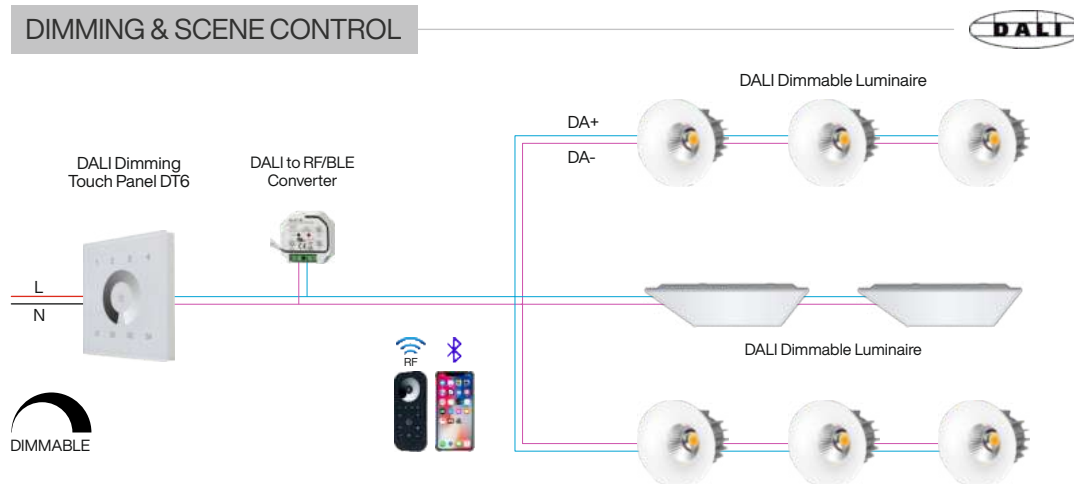
User Benefits

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

Product Range



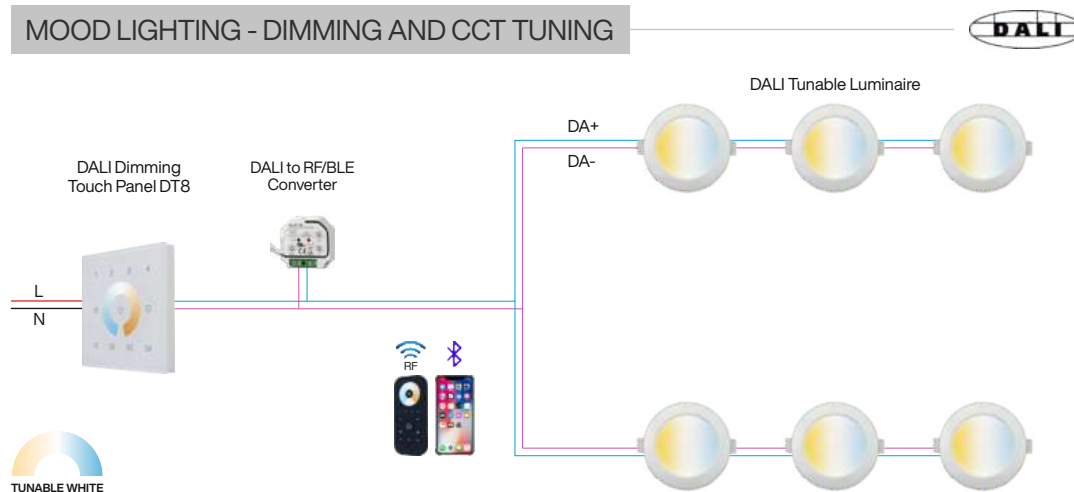
DIMMING & SCENE CONTROL



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 mastercontroller.
- 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

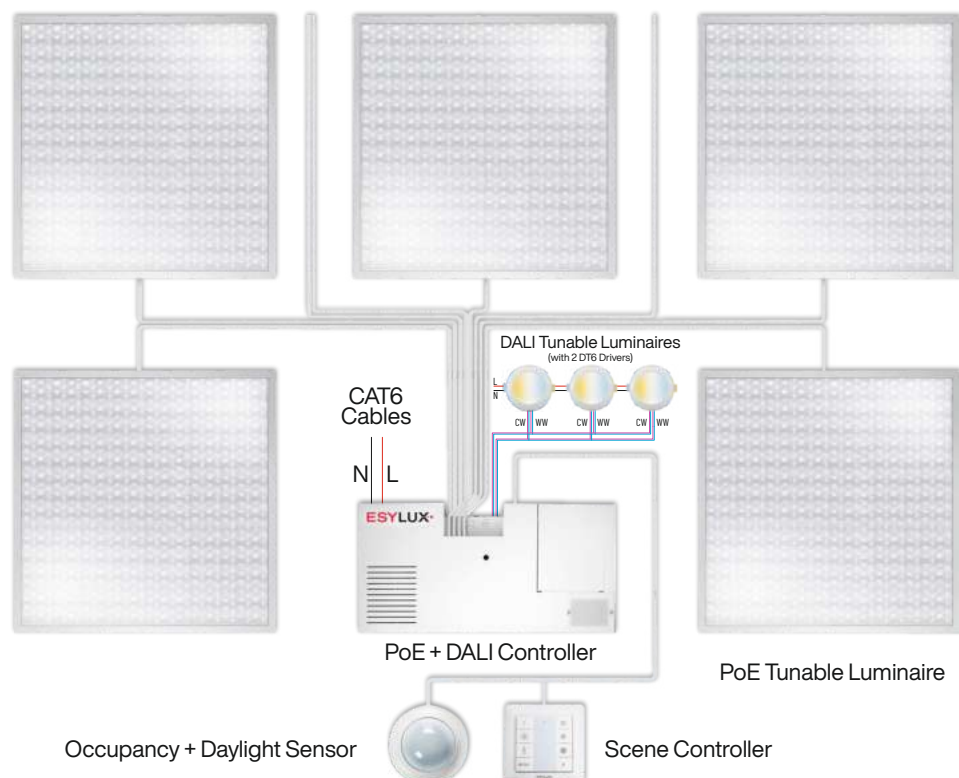


Excel Recess
2x2 Luminaire



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)



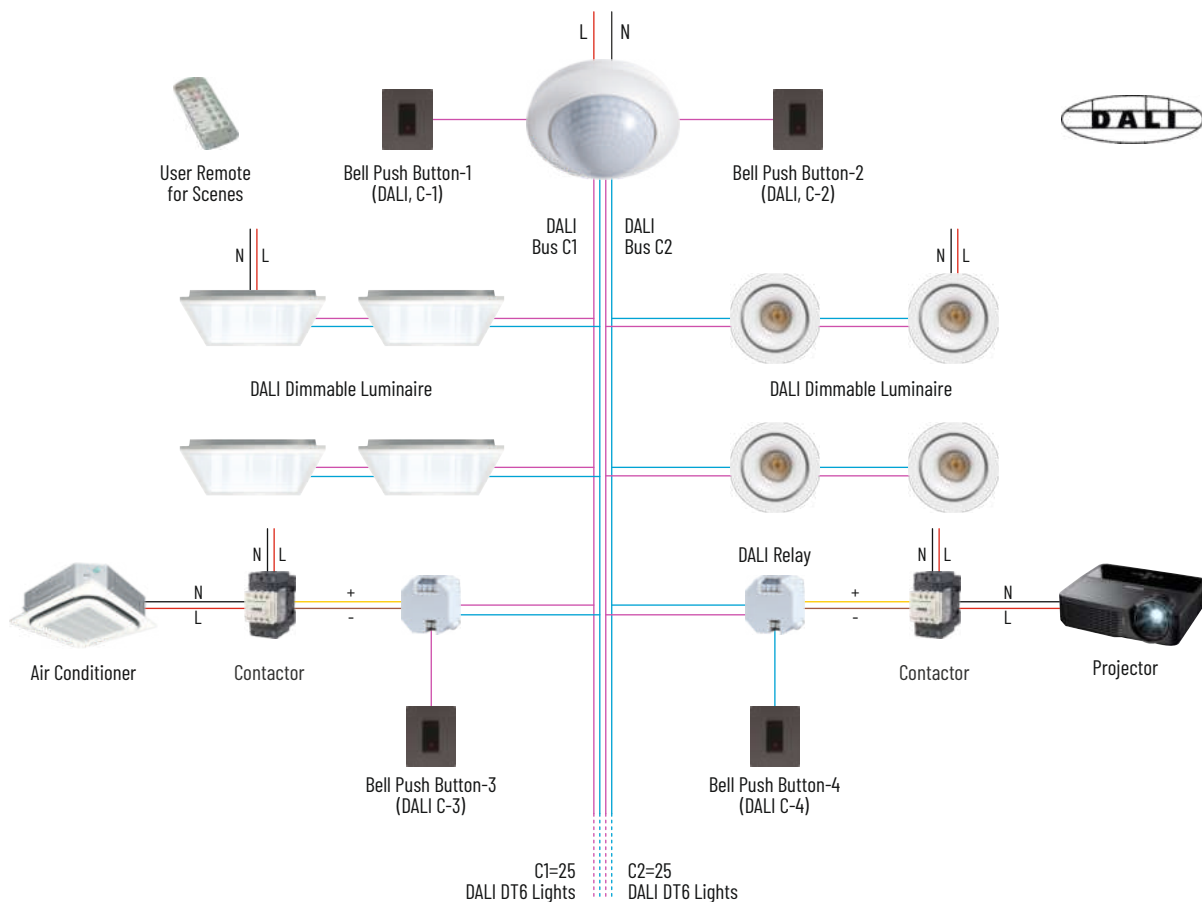
User Remote
Sensors



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 Duo Sensor
with Mask (2 Channel)



DALI Power Supply/
DALI Relay



DALI Push Button
Controller DT6



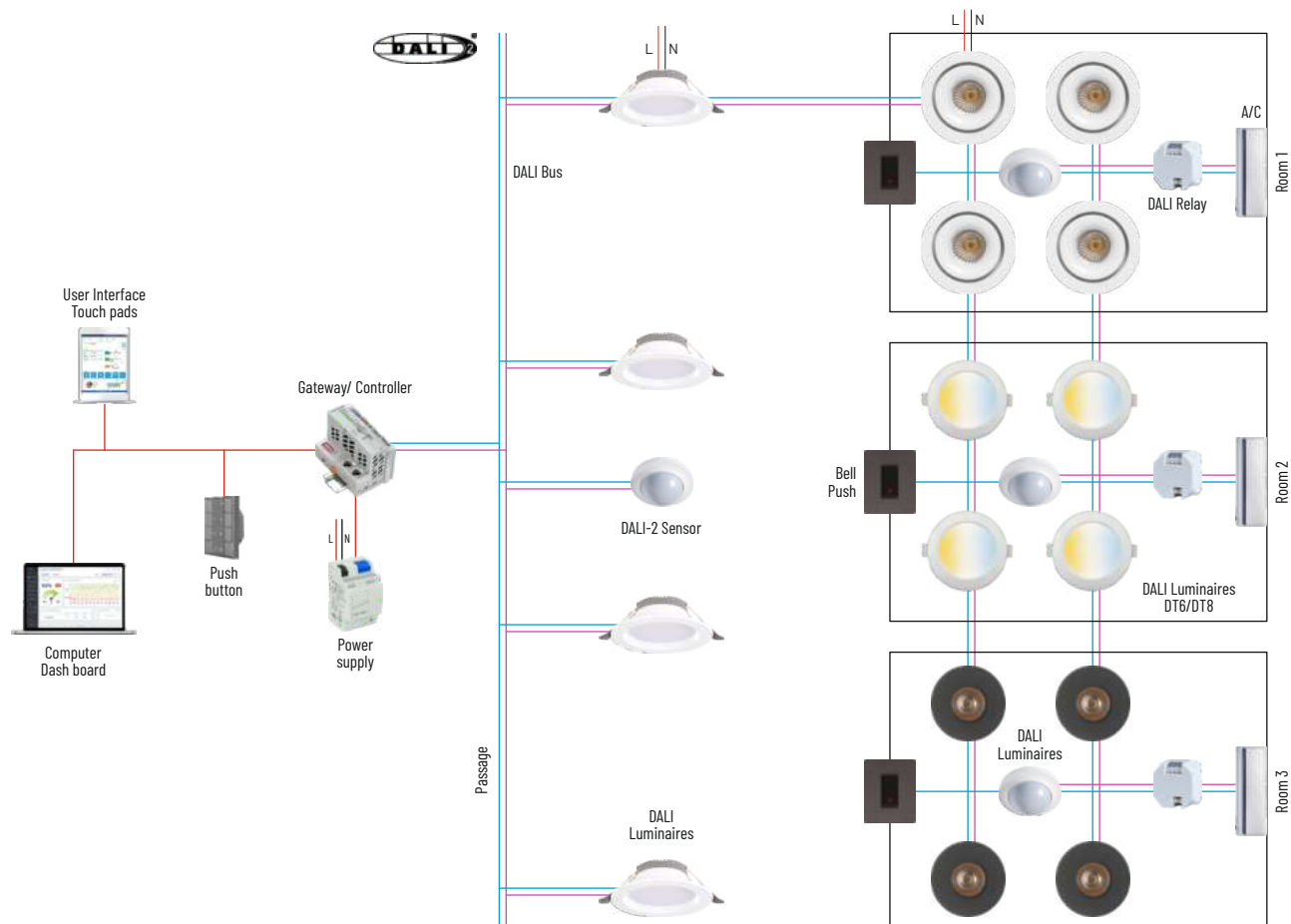
DALI Push Button
Controller DT8



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

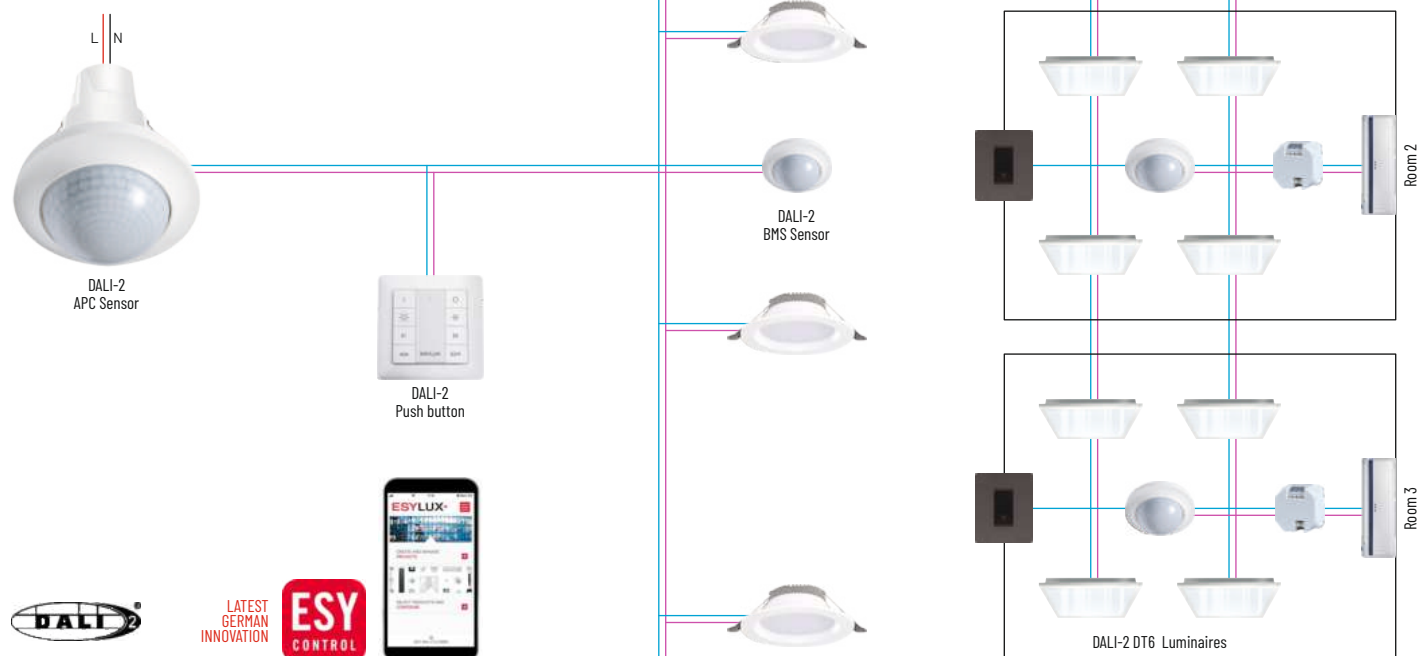
Products Range



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 accommodate DALI-2 BMS sensors for room wise presence detection and LUX level input.

All in One DALI-2 APC Sensor LMS



LATEST
GERMAN
INNOVATION



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

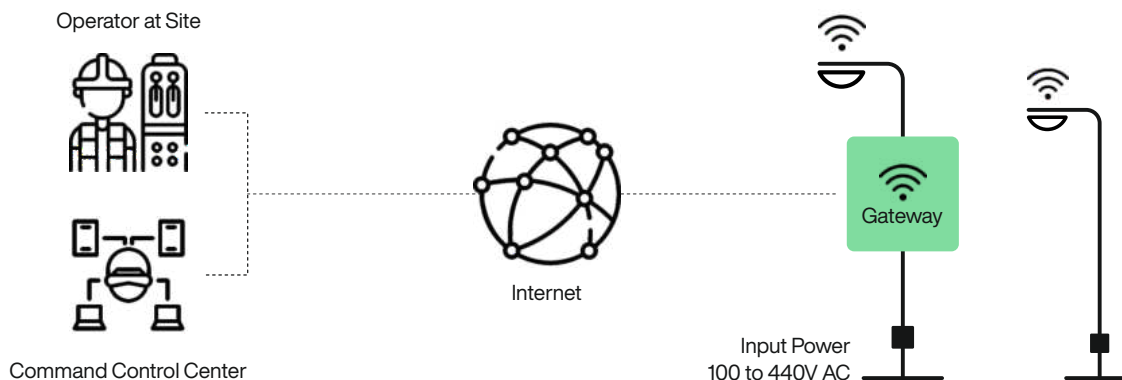
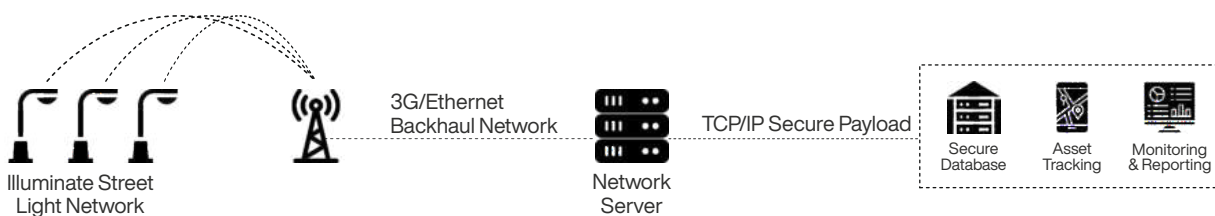
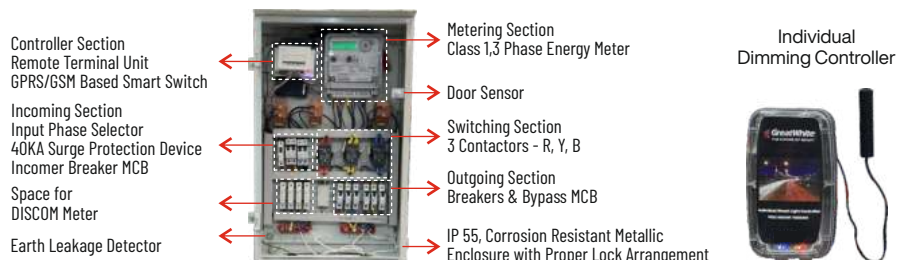


CCMS & Street
Light Controllers
Individual Level



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.



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



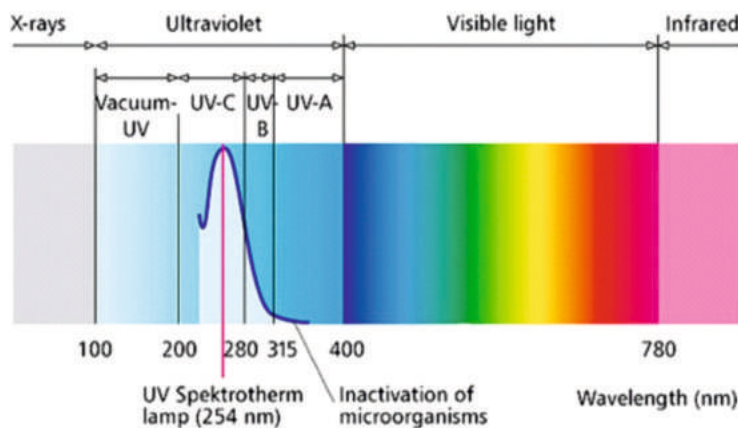
HBG
UVC HBG Lamps



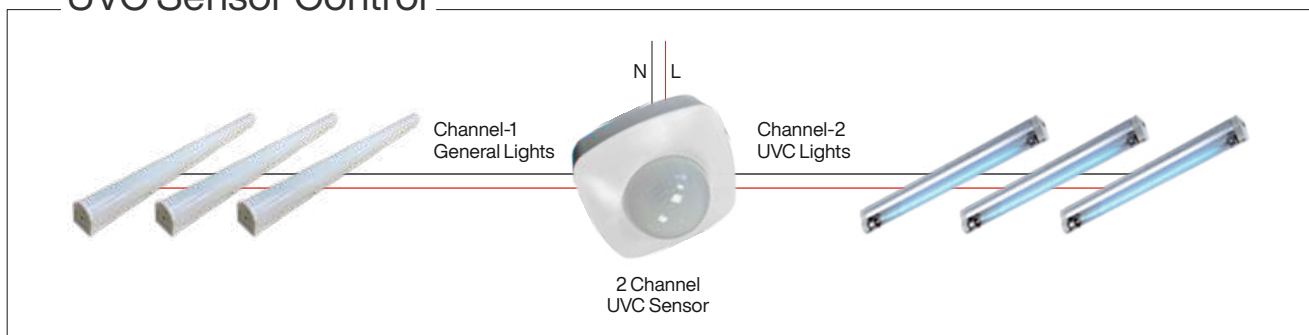
Cleanex
UVC Fixtures

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



Maintained & Non maintained Emergency Lighting

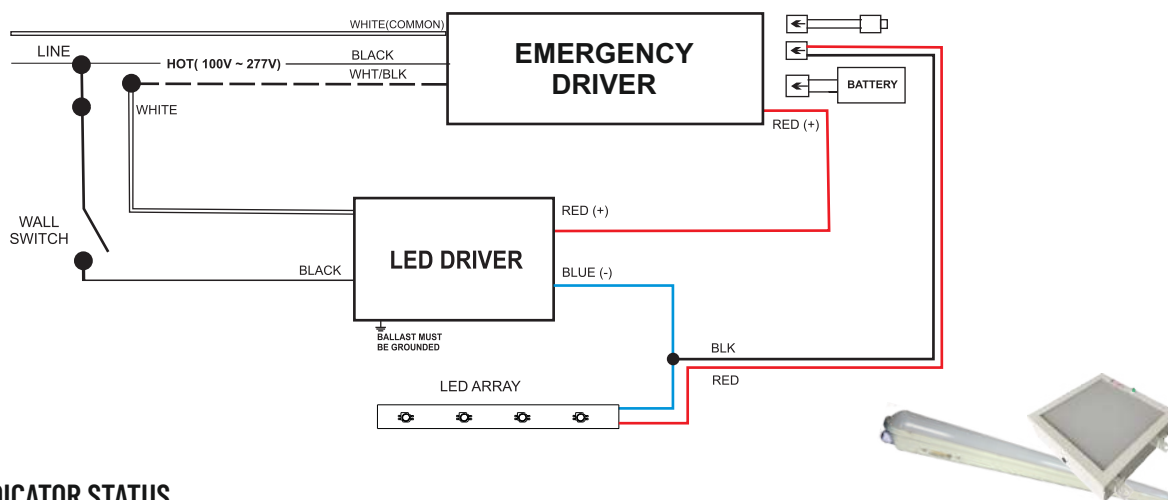
- Industries
- Commercial Buildings
- Warehouses
- Offices
- Retail Showrooms

- Safety for fire escape



EMX-BY

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.



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

Experience Center - Bengaluru
No.61/1. PID No. 15-9-61/1.
12th Main Road, 2nd Block
Rajaji Nagar, Bengaluru - 560010

Experience Center – Delhi
215, Best Arcade,
Sector-12, Dwarka,
New Delhi - 110075

Experience Center – Nashik
3, Kalika Plaza,
Bhaba Nagar, Mumbai Naka,
Nashik - 422011

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

Helpline No.: +91 9422498376
Email: info@itvisinnovations.com
Website: www.itvisinnovations.com