

CATALOGUE 2025-26



SMART OFFICES

Lighting & Automation

RENOVATION | UPGRADE | DIGITALIZATION



Hygiene Switching – Lights

- Handsfree automated switching of lights by using standalone PIR/HF Sensors.
- One Sensor can connect up to 600W LED Lights for occupancy based ON-OFF.
- 6/8/12/20/24/32/40 meter detection range models available (360 degree).
- Detection control mask provision.



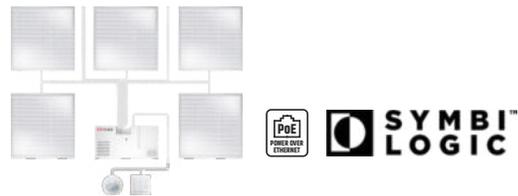
HVAC / Fan Automation

- Automated ON-OFF switching of light + A/C or fan by using 2 channel PLUS sensor.
- One channel for lights up to 600W and the other channel for HVAC or fan up to 2300W load.
- Option of push button and remote for manual override.
- 8/24/32 meter detection



Light + Exhaust Fan Control

- Sensors specially designed for washroom applications.
- High capacity relay to control both Lights & Exhaust fan.
- Connect load up to 1000W.
- Options of 8/16 meter available.



Human Centric Lighting

- POE + DALI controller & tunable luminaires with patented German technology for human centric lighting.
- Biological effective lighting & emotional effective lighting together.
- For board rooms/conference room



Daylight Harvesting-DALI

- Daylight harvesting & dimming by DALI sensors.
- One sensor can connect up to 25 DALI fixtures.
- Occupancy based switching, daylight based dimming, orientation light etc. are some of the features.
- Push button and remote options for manual override.
- 6/8 meter options.



Meeting Room Automation

- All in one DALI-DUO sensor for meeting room automation.
- This standalone sensor can connect up to 50 DALI devices.
- Any non DALI device like A/C, projector etc.
- can also be connected by using suitable DALI relays as accessory.
- Scene control by remote/push button.



DALI-2 LMS

- A standalone sensor with Inbuilt DALI controller, DALI power supplies & DALI-2 presence detector.
- 16 scenes, 16 groups & push button terminals.
- Best to control open offices & conference room lighting & HVAC.



Video Call Scene Control

- DALI lighting controllers for dimming, CCT tuning and scene controls.
- Best for creating different intensity and CCT of lights for office area, VC rooms, Conference rooms etc.
- Connect up to 50 DALI devices/DALI lights per controller.



Defensor Safety & Control

- Standalone sensor for area lighting control.
- Dusk to dawn light switching, Timer based switching, Motion sensor and safety from vandalism, All in one sensor. First of its kind.
- Award winning innovation from ESYLUX, Germany.



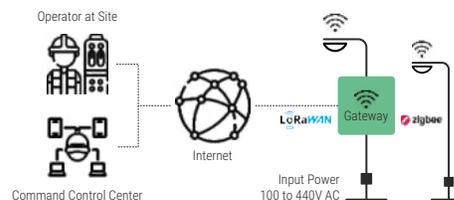
Dusk To Dawn Switching

- Fixture inbuilt or panel inbuilt twilight switches for dusk to dawn automated switching of outdoor lights.
- Wall mounted twilight switches for area lighting (with or without timer option).



LMS & BMS

- DALI-2 Lighting management systems & building management systems for indoor lighting control.
- For open offices, Conference Rooms & entire warehouse.
- Dashboard/app control.



CCMS- Outdoor

- Wireless CCMS (Centralized Control & Monitoring Systems) for outdoor and area lights.
- IOT based controllers, Gateway & software for wireless CCMS.
- Remote control, Monitoring & scheduling.



2x2 Troffers

- Backlit recess/surface mounted/grid ceiling 2x2 Fixtures with Low UGR (Unified Glare Ratio) diffusers & encapsulated Isolated LED Driver.
- Available in DALI-2/1-10V DIM/Non Dimmable/with Inbuilt sensor for demand driven switching.



4x1 Luminaires

- Recess/surface mounted/Pendent 4x1 OR 2x1 fixtures with Low UGR (Unified Glare Ratio) diffusers & encapsulated Isolated LED Driver.
- Available in DALI-2/1-10V DIM/Non Dimmable/with Inbuilt sensor for demand driven switching.



Linear Lights

- Various linear profiles, Linear shapes, Trunk lighting with Recess/Surface/Pendent mounting options.
- Customized architectural shapes also available.
- Available in DALI-2/1-10V DIM/Tunable/Non dimmable options.



Techzone Lights

- Specially designed tech zone linear fixture with low UGR diffuser.
- Available in DALI-2/1-10V DIM/Tunable White/POE and also non dimmable standard version.



Deep Recess Linear

- Deep recessed glare cutting linear lights specially designed for office lighting application.
- Recess/surface/pendent mounted options.
- Available in DALI-2/1-10 DIM/Tunable/Non dimmable option.



Downlights

- Variety of down lights with various wattages.
- SMD/COB Down lights.
- Surface or recess mounted options.
- Available in DALI-2/1-10V DIM/Non dimmable variants.



Cylindrical Surface Lights

- Cylindrical / cubical surface mounted lights for lobby / passages.
- Available in variety of shades and models.



COB Lights

- Variety of COB lights with wide range of wattages.
- Available in DALI-2/1-10V DIM/Non dimmable/POE options



Linear Battens

- Industrial grade linear fixture suitable for surface mounted / pendant application.
- Isolated encapsulated LED driver.
- Low UGR diffuser available in 28/30/36W.
- Both dimmable & non dimmable options.
- Compatible for sensor control.



Outdoor Lights

- Variety of street lights & flood lights for area lighting purpose.
- COB street lights & SMD street lights in various shapes.
- Different type of optics available for various area coverage.



Clean Room Fixtures

- Top opening or bottom opening.
- Available in 2x2, 1x1, 2x1 sizes.
- 20/30/36/42/60W option.
- Dimming/Non dimming options available.
- Available with or without inbuilt sensors.
- Compatible with ON-OFF or auto dimming sensors.



Fire Escape Lighting

- Say "NO" to Inverters and DG set for emergency lighting.
- Specially designed fire escape lighting fixtures with inbuilt battery.
- Maintained or non maintained fire escape lights.
- Recess/surface mounted models available.
- Customized models also available.



Open Offices

Lighting: Use high efficacy LED lights with low UGR (Unified Glare Ratio) and zero flicker drivers. Option of customized Profile Lighting.

Upgrade: (1) ON-OFF Sensor for Occupancy based Hygiene switching (2) DALI Dimmable Sensors for Daylight Harvesting (In case of glass façade / window)

Executive Cabins

Lighting: Use high efficacy LED luminaires with low UGR.

Upgrade: (1) PLUS sensor for lights + A/C (2) DALI dimming sensors for daylight harvesting & dimming.



Meeting Rooms

Lighting: Use high efficacy LED lights with zero flicker driver.

Upgrade: (1) DALI-DUO sensor for all device control (2) DALI touch panels for dimming (with PLUS Sensor) (3) DALI APC for 16 groups (4) Human centric lighting.



VC Rooms (Video Conference)

Lighting: (1) Use high efficacy LED lights (Preferably CCT tunable) with low UGR diffuser and zero flicker driver.

Upgrade: (1) DALI CCT touch panels for dimming & colour tuning (With PLUS Sensor) (2) Human centric lighting.





Board Rooms

Lighting: (1) Use high efficacy LED lights with low UGR diffuser and zero flicker driver.

Upgrade: (1) Human centric lighting (2) DALI touch panel with remote & with Plus sensor.

Reception Lobby

Lighting: Use high efficacy LED lights with low UGR (Unified Glare Ratio) and zero flicker drivers.

Upgrade: (1) ON-OFF sensor for occupancy based switching (2) DALI dimmable sensors for daylight harvesting (In case of glass façade/window).



Cafeteria

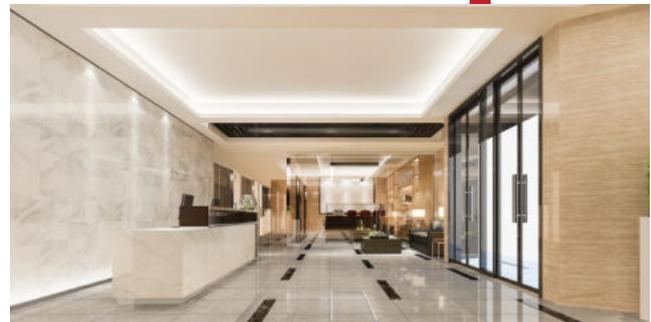
Lighting: Use high efficacy LED lights with low UGR (Unified Glare Ratio) and zero flicker drivers.

Upgrade: (1) ON-OFF sensor for occupancy based switching (2) DALI dimmable sensors for daylight harvesting (In case of glass façade/window) (3) UVC/PLUS sensor for light + fan

Passages & Staircases

Lighting: Use high efficacy LED lights.

Upgrade: (1) ON-OFF sensor for occupancy switching (2) DALI dimmable sensor for orientation lighting. (3) Dimming driver cum sensor for orientation.





Wash Rooms

Lighting: Use high efficacy LED luminaires.

Upgrade: (1) Use HF sensors for occupancy based ON-OFF
(2) Use UVC sensor for light + exhaust fan (1 channel or 2 channel)

Outdoor Areas

Lighting: Use high efficacy LED luminaires.

Upgrade: (1) Dust to dawn sensors for day-night switching
(2) Use timer Switch for scheduling (3) Use wireless LMS



Entire Office Facility Digitalization

Digitalization: (1) Use DALI-2 BMS and get all the electrical switching points of the building to a single dash board. Schedule, Control, Monitor and operate from anywhere. Get the benefits of data analytics & fault alerts. (2) Use wireless lighting management systems for outdoor lights.

RENOVATION



UPGRADE



DIGITALIZATION



BENEFITS OF LIGHTING AUTOMATION

Cost Saving

- Conventional lights to LED – 55% energy saving
- Change over to high efficacy LED – 30% energy saving
- Occupancy based ON-OFF (sensors) – 35% energy saving
- Daylight harvesting (Auto dimming) – 20-25% energy saving
- Savings from auto switching of A/Cs & fan – 30-35%



Better Productivity

- Enhanced productivity by illumination management
- Meeting room scenarios for effective presentations

Health & Safety

- Many intangible benefits from human centric lighting
- Better sleep, Reduced errors, Enhanced creativity
- UVC Germicidal Irradiation help healthy work space
- Fire escape lighting for emergency evacuation



Sustainability

Carbon Foot Print Statistics:

- 0.95kg Carbon emission/1KWhr electricity
- 1 Tree required for 160kg carbon neutral
- High efficacy LEDs, Demand driven switching & daylight harvesting save huge amount of energy, Thus reduce carbon emission drastically !

Industry 4.0 Benefits

- Remote control & monitoring from LMS & BMS
- Data analytics & control
- Dash board control
- Fault alerts
- All electrical devices on single dash board control





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