POLLIGHT

INTELLIGENT BUILDINGS – A NEW ERA ON THE HORIZON

Pollight

The Absolutely Wireless
Building Automation System

Jerusalem Technology Park

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POLLIGHT – SMART LIGHTING

AN INTELLIGENT LIGHTING SYSTEM TO OPTIMIZE YOUR WORKSPACE

Reduce your energy waste while shrinking operational costs & improving occupant's experience
Lighting is responsible for 10%-20% of the total energy consumed by Commercial Buildings.
Energy costs for Lighting can be reduced by as much as 30% with Pollight- Smart Lighting.

Studies have shown that the color of light affects the productivity and creativity of your employees. Our system enables creating the ultimate workspace, enhancing rooms' ambiance, consequently increasing occupants' welfare.

DAYLIGHT HARVESTING

Once reaching a predefined light level the light is automatically dimmed or turned off. Lighting energy consumption drops by 25%-50%, with the biggest potential for savings to be found in office spaces, classrooms, etc.

SCHEDULING

Scheduling is a low-hanging fruit when it comes to energy efficient lighting control strategies, especially when talking about smart lighting systems. Eliminate unnecessary lighting usage. Lighting performance in accordance with a predefined schedule.

BIO-ADAPTIVE LIGHTING

The hue of each bulb can be set, ranging from cold to warm white. Different levels of light intensity and color temperatures can support your occupants' well-being, help energize staff and improve performance by aligning with the body's circadian rhythm.

OCCUPANCY SENSING

Occupancy sensing is one of the most common lighting strategies used in today's buildings. Simply put, it allows for dimming or turning off lights automatically after a given space has been vacant. Once movement is detected, lights turn back on or dim up as desired. In Commercial environments occupancy sensing can lead to 20-%30% lighting energy savings.

POLLIGHT – SMART LIGHTING ADVANTAGES

01 OCCUPANCY SENSING

02 LIGHT LEVEL & COLOR CONTROL

03 CO2 & HUMIDITY STATUS

![Pollight — The Absolutely Wireless Building Automation System]

POLLIGHT – SMART EMERGENCY LIGHTING

CUT ANNUAL MANPOWER COSTS BY COMPLETELY AUTOMATING ALL REQUIRED TESTING

Stay in compliance with regulations at all times and reduce risk

Regulation require Emergency Lighting systems to be tested monthly and annually. Monthly Functional tests and Annual Duration tests. Manual testing is a heavy task, requiring many hours of labor which can become pretty costly.

Pollight-Smart Emergency Lighting automates all regulation required testing, keeping your building safe at all times while lowering your operational costs and helping you reduce risk. Tested and certified, our system can provide you with a complete, end-to-end solution, to support your emergency lighting needs.

AUTOMATIC FUNCTIONAL AND DURATION TESTS

No need to manually check each and every light. Complete automation to all tests.

KEEP YOUR BUILDING SAFE AT ALL TIMES WITH REAL-TIME ALERTS

Get real-time alerts of non-functioning fixtures so you can replace them quickly to keep your building safe at all times.

EXTEND BATTERY LIFE UP TO 6 TIMES

Automate manufacturer's recommendation to discharge the battery and extend battery lifespan up to 6 times.

HASSLE FREE COMPLIANCE WITH REGULATION

A simplified process to keep your system in compliance with emergency lighting codes by easily activating and testing it on or off site, and getting reports ready to submit to authorities.

POLLIGHT – SMART EMERGENCY LIGHTING ADVANTAGES

01 REGULATIONS COMPLIANCE

02 EXTEND BATTERY LIFESPAN

03 REDUCING MAN POWER COST

REDUCE OPERATIONAL COSTS

Automate regulation requirements processes, and optimize labor costs.

POLLIGHT - CENTRAL CONTROL

Taking advantage of the internet of things revolution in buildings' operations creates massive amounts of data. This data can help optimize buildings' energy use and manpower allocation, resulting in the reduction of operations expenditure. Pollight-Central Control delivers this data, making it easy to access and understand.

Pollight-Central Control allows you remote access so that you can view or control your building from anywhere in the world. You can view building's current status or analyze past information gathered. You can also have a view to different optional futures with our "What-If" function which lets you play with different building's parameters and watch how they affect your cost.

- A comprehensive and flexible web application to monitor, control and optimize your building's energy use
- Data Delivered to you in a usable format
- **Save 30%-50% in Operating Expenditure with Pollight-Central Control**

GET THE MOST OUT OF YOUR DATA

ENERGY USE

A complete overlook of your building's energy consumption patterns, based on A/I to help you take data-based decisions in order to reduce energy waste and save money.

OCCUPANCY STATUS

Helps owner operate the building more efficiently. Maintenance tasks (like cleaning) can be directed to different building areas in accordance with occupancy. Allocating maintenance team employees to where they are really needed.

INTERNAL AIR QUALITY

Levels of CO_2 and humidity affect building's environment and occupants' wellbeing. Monitoring levels of CO_2 and humidity helps you make the changes you need to improve air quality and occupants' wellbeing and comfort.

POLLIGHT, YOUR ALLY ON YOUR WAY TO SUSTAINABILITY

REDUCE YOUR BUILDING'S IMPACT ON THE ENVIRONMENT & INCREASE SAVINGS, WHILE CREATING AN OUTSTANDING OCCUPANT EXPERIENCE.

SOUNDS TOO GOOD TO BE TRUE?

Contact us today!
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THE PROJECT