



Lighting Controls Solution

green **koncepts**

Intelligent Lighting Controls to optimize energy using occupancy and ambient lighting levels. Can be deployed indoor and outdoor. Centralized Management of lighting schedules, ad-hoc controls and intelligent settings.

Use Cases

Offices – Optimized energy consumption by providing On Demand lighting based on occupancy status in sub divided zones

Corridor Areas – Activate lighting when human traffic is present

Lobby Areas – Dynamic control of lighting levels using ambient lighting

Perimeter lighting – Dynamic activation of lighting based on sunshine levels and weather conditions. Turns on perimeter lighting for safety purposes during thunderstorms.

Path & Park lighting – Dynamic activation of lighting based on human presence for security purposes.

Multi Mode support – Schedule, Occupancy, Ambient Lighting or combination modes.

Types of Sensors Used


- LUX Sensor
- Motion Sensor
- Wireless and Self Power Wireless

Hardware/Installation

- Realise 15 to 50% energy savings with on-demand lighting
- Quick ROI - no expensive hardware required
- No Business disruption or modification of electrical circuits
- Simple to install - Hassle free installation with all installation works perform at electrical distribution box


Key Features


 **Centralized Lighting Management** – Manage all lighting in multiple locations from a centralized location

 **Intelligent Sensing** to set and automate lighting schedules in response to lux levels and motion sensing at pre-determined times for effective lighting management

 **Zonal Controls** to create and operate multiple zones depending on occupancy status to reduce energy consumption

 **Personalized Settings & Scene Controls** to set and save different lighting scenes, schedules or settings based on individual or area preferences

 **Real-time Statistics & Monitoring** to retrieve up-to-minute real-time readings of data including energy usage, burning hours and device lifetime

 **Comprehensive Asset Management** to know where they are located, how long they have been used and be automatically notified when maintenance is due

Mobile + Web Access

- **Mobile App** enables facility and office managers to have 24/7, 365 accessibility to lighting control and management
- **Web Access** centralises lighting configuration, management and dashboard through a single application

Green Koncepts Pte Ltd
750C Chai Chee Road #03-15,
Viva Business Park
Singapore 469003
T: +65 6245 9332
F: +65 6245 9319
E: info@greenkoncepts.com