

●●●●● Lighting Solutions  
for Industrial Applications

# Light Management Solutions for optimizing energy efficiency

Advanced and Flexible Lighting Management



LED iBOND

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Made in Denmark



## KEY BENEFITS

### Energy savings

Lighting control systems can reduce energy consumption by up to 80% and reduce climate impact

### Increased safety

Providing the desired amount of light where and when it is needed increase safety

### Simple installation

Powerful self-contained plug-and-play solution that can be easily installed

### Upgradability

The systems are upgradeable and can be customized to meet the specific requirements of a building or space

### Fully programmable

Enabling users to create custom lighting scenarios based on time of day, daylight levels, and motion detection

Dynamic lighting scenarios

## Optimize energy saving and safety

LED iBond offers a range of light control and management solutions designed to dynamically optimize light flux in the area, depending on vehicle or people movement, daylight level and time of day to complete lighting scenarios for an entire area.

The dynamic lighting control solution helps you maximize energy savings and enhance safety in driving, pedestrian or parking areas.



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# A three step solution

The flexibility and options to customize LED iBond's Lighting Control system, let's you provide the desired amount of light where and when it is needed.

The Lighting Control Systems help's you improve the customer experience and energy savings, satisfy building codes, provide extra safety and security or to comply with green building and energy conservation programs.

## Basic

With the Basic solution you can let movement and daylight sensors reduce light level, energy consumption and maintenance costs while extending the lifetime of the installation. Easy programming on-site via a remote control.



## Smart

The Smart-solution let's you group areas into light zones and dim the light in specific areas depending on the a time of day or use intelligent daylight sensors to regulate the brightness of the light when the lux becomes to low. That is convenient and saves energy.



## Advanced

The Advanced Light Management is a fully programmable solution is enabling time scheduled and multi-scenario lighting logic across an unlimited number of light zones. The cloud-based solution can be operated from anywhere via a tablet or a PC via WiFi.



Optional add-ons for hardware:

- PIR – Build into Light panel for specific area use and energy saving.
- Build in Backup Battery Light in panels for security and safety lights.



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LED iBond Light  
Management for  
Industrial use

## Savings potential

Dynamic light control makes it easier to achieve the greatest energy savings

### Set light Level (58%)\*

Saving from setting the appropriate light level for each area.

### Detection of movement (30%)

Turning off light when areas are not in use.

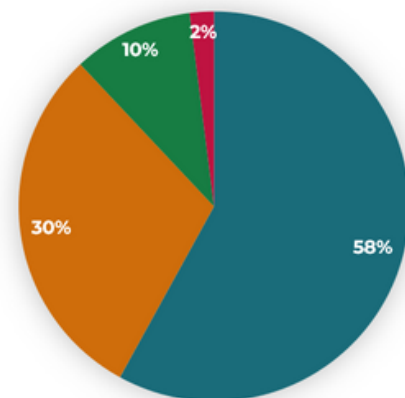
### Detection of daylight (10%)

Turn off or dim artificial lighting when daylight is available.

### Scheduled light (2%)

Turning off light during certain times of the day.

Source: New York Times

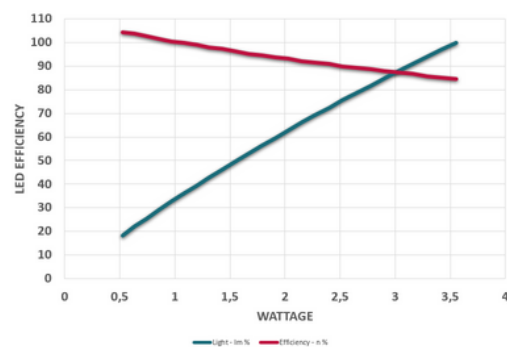


■ Set light level ■ Motion detection ■ Daylight detection ■ Scheduled

## \* More light per watt

It makes sense to dim the light level when you do not need full brightness in your parking facility.

In fact, if you dim the amount of light to i.e. 50%, the energy consumption will be reduced by 55% using high-efficient LED iBond LED light panels.



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