

SM@RT INDUSTRY[®]

LIGHTING CONTROL SYSTEM FOR INDUSTRY AND LOGISTICS

LOW INVESTMENT AND OPERATING COSTS

Up to 80 % savings on lighting
Return on investment within 12 to 24 months
Increasing lifetime of LED luminaires

FLEXIBILITY, COMFORT AND SAFETY

Simple to install controls
Visual control and monitoring interface
Prevention of work related injuries and accidents

INTEGRATION INTO BUILDING AUTOMATION SYSTEMS

Ethernet interface
TCP/IP, Data logger
Energy and temperature monitoring
Luminaire integration into BMS

COMPLEX PROJECT SUPPORT

Lighting plan including lighting the design of control system
Calculation of savings and ROI
Professional technical and after sales support

EXCELLENCE IN LIGHTING CONTROL

PERLIGHT 

SM@RT INDUSTRY®

LIGHTING SYSTEM FOR INDUSTRY AND LOGISTICS

SMART Industry is designed to meet the standard and the specific requirements for lighting, safety and user comfort in production halls, warehouses and logistic centers. SMART Industry provides reduction of lighting and investment costs, easy setting and adjustments in the SMART®Asistent configuration software and a visual control and monitoring interface.

- 1 Wall-mounted/portable switch (transmitter)
- 2 Wireless controller with light sensor and occupancy detector
- 3 Receiver with DALI output
- 4 Ethernet interface TCP/IP
- 5 Visual control interface, energy and temperature monitoring

WIRELESS SENSORS, LIGHTING CONTROL, ENERGY AND TEMPERATURE MONITORING FOR INDUSTRY AND LOGISTICS

Control system SMART® Industry is energy-efficient solution for wireless lighting control, energy and temperature monitoring with visual an easy to customize control interface and archiving system.

Wireless sensors monitor temperature, humidity, presence, light intensity, air quality, but also the current position of shutters, outdoor blinds, windows, doors and provide inputs to control systems in order to ensure energy efficient, comfortable and safe operation of the building.

SMART® Industry provides excellent results for installations of any size. It can be used for lighting control of a particular section of a warehouse, of the logistic center or even of the entire manufacturing complex.

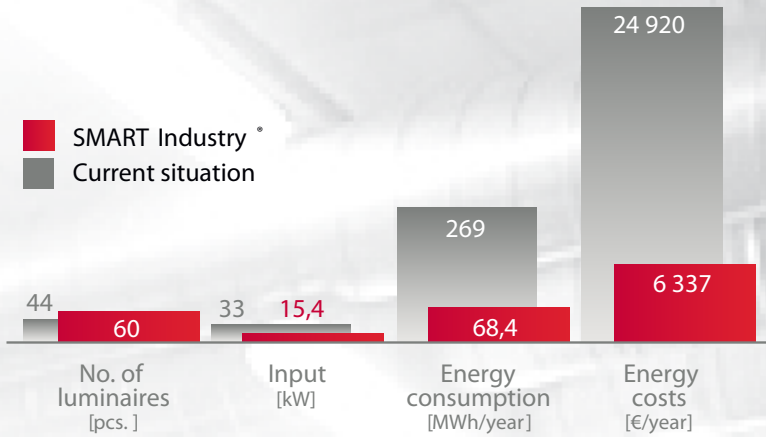


CASE STUDY BENEFITS OF LIGHTING CONTROL

The benefits this system brings are best shown in a typical installation in a warehouse with an area of 6 700m². The existing 44 pcs of tungsten lamps were replaced by 60 luminaires with integrated lighting control system SMART[®] Industry. The lighting control includes external light regulators and occupancy detectors.

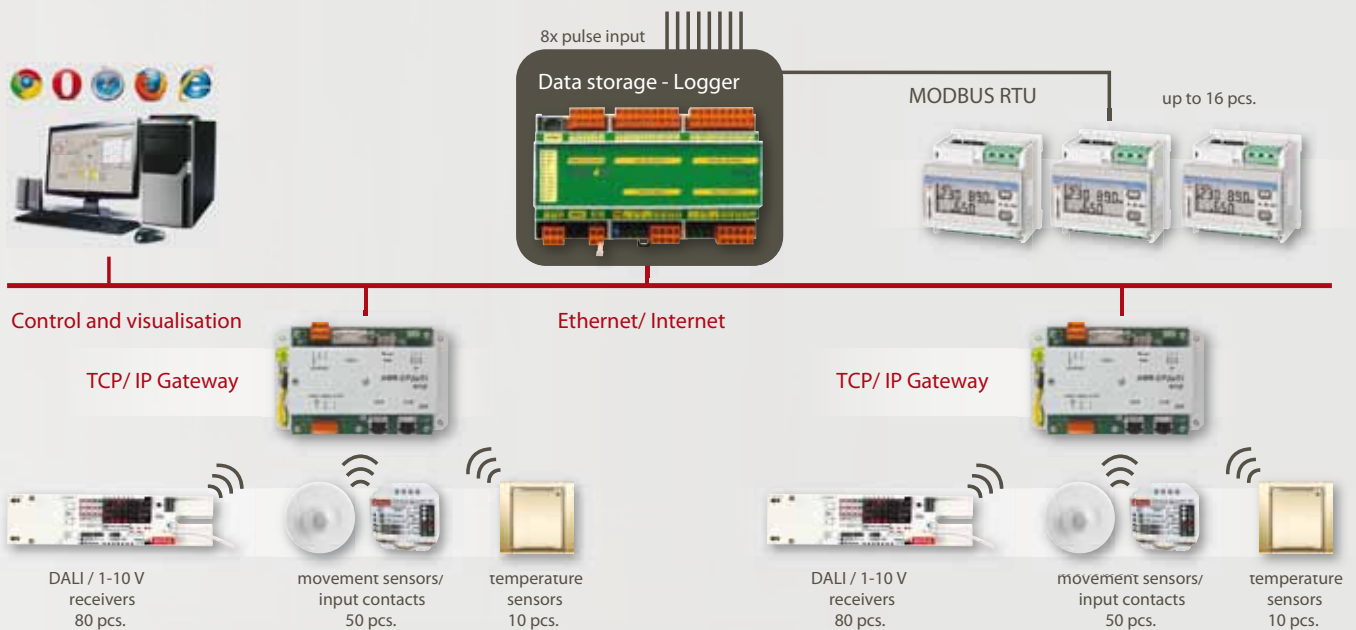
INVESTMENT COSTS

Investment costs include lighting management system SMART[®] Industry and an intelligent high bay LED luminaires with integrated wireless DALI receiver.



SMART[®] Industry – savings, investment costs, ROI

Investment costs	35 502 €
ROI	1,9 years
Costs savings per year	74,6 %
Energy savings per year	220 698 kWh



SM@RT INDUSTRY®

**BUILDING
OWNER,
FACILITY
MANAGER**

Easy to configure and expand
Instant changes to lighting schemes
(reconfiguration) using the
SMART®Assistant software
Mounting height up to 17 m
Complex offer and delivery of
luminaires and control system



**INVESTOR,
DEVELOPER**

Low investment and running costs
Return on investment 12 to 24 months
Up to 80 % lower lighting costs
Ideal for reconstructions – savings on cabling



**ARCHITECT,
DESIGNER**

Lighting plan and control system design
Online technical and design support
Full CAD support
Custom design switches



**SYSTEM
INTEGRATOR,
LIGHTING
MANUFACTURER**

Wireless light, movement, temperature, flooding,
air quality and humidity sensors
Open communication interface for easy
integration into building automation systems
Ambient temperature monitoring
Direct integration of control system
in the luminaires



**USERS
OF PREMISES**

Securing compliance with lighting standards
Easy operation with prevention of human errors
Increased level of safety due to the corridor function
Comfortable and safe working environment



PERLIGHT

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