

# POSEIDON<sup>®</sup>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 the design of lighting control system  
Calculation of savings and ROI  
Professional technical and after sales support

EXCELLENCE IN LIGHTING CONTROL

**enika<sup>®</sup>**



# POSEIDON® Industry

## LIGHTING SYSTEM FOR INDUSTRY AND LOGISTICS

POSEIDON® Industry is designed to meet the standard and the specific requirements for lighting, safety and user comfort in production halls, warehouses and logistic centers. POSEIDON® Industry provides reduction of lighting and investment costs, easy setting and adjustments in the POSEIDON® 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 POSEIDON® 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 жалousies, outdoor blinds, windows, doors and provide inputs to control systems in order to ensure energy efficient, comfortable and safe operation of the building.

**POSEIDON® 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.

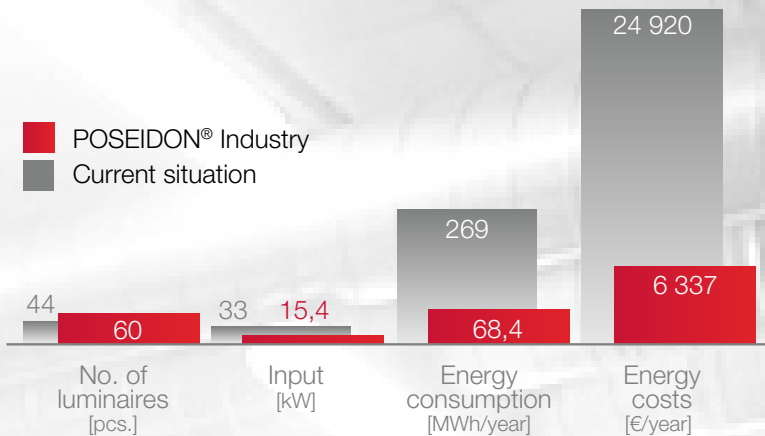


## CASE STUDY BENEFITS OF LIGHTING CONTROL

The benefits this system brings are best shown in a typical installation in a warehouse with an area of 6 700m<sup>2</sup>. The existing 44 pcs of tungsten lamps were replaced by 60 LED luminaires with integrated lighting control system POSEIDON® Industry. The lighting control includes daylight regulators and occupancy detectors.

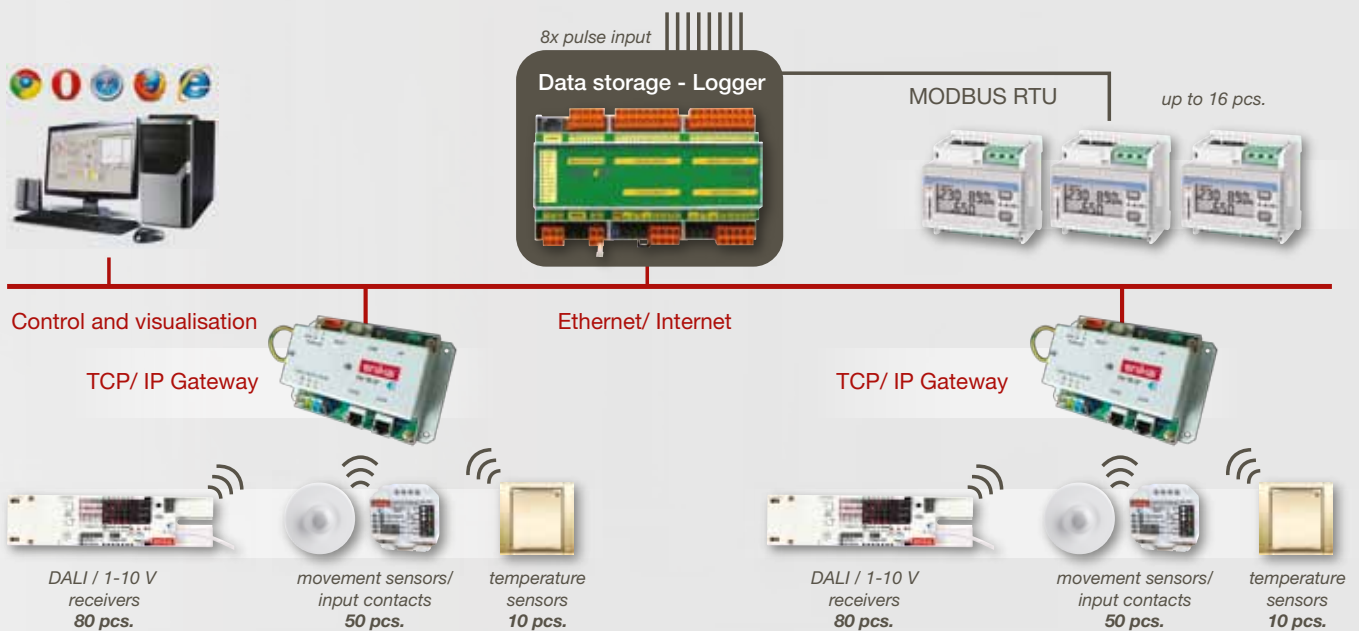
### INVESTMENT COSTS

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



#### POSEIDON® 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





# POSEIDON® Industry

## BUILDING OWNER, FACILITY MANAGER

Easy to configure and expand  
Instant changes to lighting schemes (reconfiguration) using the POSEIDON® Asistent software  
Mounting height up to 17 m  
Complex offer and delivery of luminaires with 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



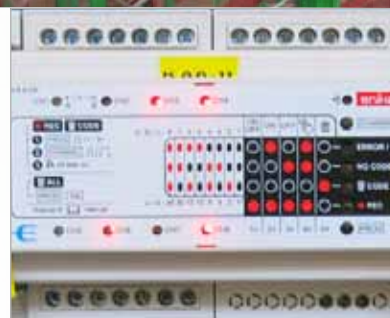
## ARCHITECT, DESIGNER

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, humidity, CO<sub>2</sub> and contact 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



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