

# Poseidon<sup>®</sup> Office

LIGHTING MANAGEMENT SYSTEM FOR OFFICE BUILDINGS



**LOW INVESTMENT  
AND OPERATING  
COSTS**

Up to 60% savings  
on lighting. Return on  
investment within 3 years.

**COMFORTABLE AND  
FLEXIBLE SOLUTION  
OF INTERIOR LIGHTING**

Simple to install switches  
and simple to change  
their location. Easy and  
quick to change lighting  
schemes using a PC.

**EASY INTEGRATION INTO  
BUILDING AUTOMATION  
SYSTEMS**

Ethernet interface  
TCP/IP.

Did you know  
that **50%** of  
all energy  
is consumed by lighting?

**ADVANTAGE FOR  
LEED, BREEAM  
CERTIFICATIONS**

Energy efficient  
and sustainable solution  
for light management.

# Poseidon<sup>®</sup> Office

## LIGHTING MANAGEMENT SYSTEM FOR OFFICE BUILDINGS

### FLEXIBILITY OF LIGHTING CONTROL

The POSEIDON<sup>®</sup> Office system provides a choice of lighting control levels most suitable for operation requirements of a single unit office, large open-space offices, entire floor or whole office building.



- 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** Receiver for window blinds control

POSEIDON <sup>®</sup> Office	Standard	Move	Delux
Regulation based on outdoor light intensity			•
Light is "ON" only when the room is occupied		•	•
Maximum flexibility of interior changes	•	•	•
Simple and easy placing of switches	•	•	•
Remote management (configuration) from PC	•	•	•
Compatible with superior systems	•	•	•

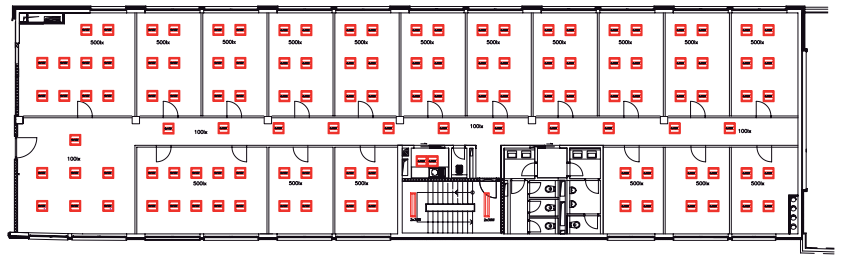


POSEIDON® Office enables the control of lighting systems consisting of all common types of lights such as fluorescent, LED, halogen and tungsten.



## SYSTEM BENEFITS

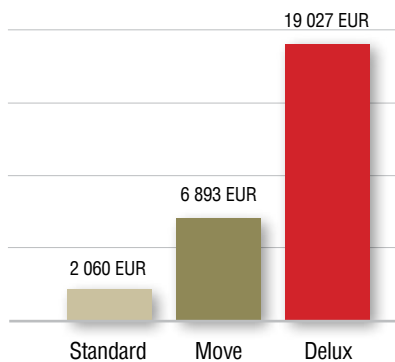
The benefits of POSEIDON® Office system are best shown in a typical installation in an office building floor with an area of 500 m<sup>2</sup>. The floor utilizes 118 light fittings (fluorescents, 4 tubes 18 W each). Total energy consumption of lighting for the specified office area without lighting management is 23 508 kWh.



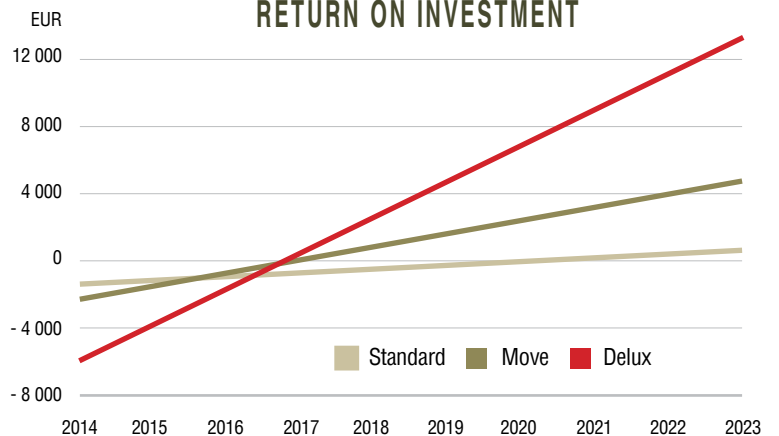
POSEIDON® Office	investment	savings		return on investment
	EUR	%	EUR/10 years	years
<b>Standard</b>	1 292	6,9	2 060	6,3
<b>Move</b>	2 175	23,1	6 893	3,2
<b>Delux*</b>	5 469	63,7	19 027	2,9

\*The calculation includes additional investment in dimmable light fittings.

### ENERGY SAVINGS 10 YEARS



### RETURN ON INVESTMENT



Note: Electricity prices - 2013 Euro area average, EUROSTAT



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## BUILDING OWNER, FACILITY MANAGER

- Easy configuration of the system
- Easily expandable
- Instant changes of lighting schemes (reconfiguration) using the POSEIDON<sup>®</sup> ASISTENT software

## INVESTOR, DEVELOPER

- Low investment costs
- Return on investment within 3 years
- Ideal for reconstruction of office and historical buildings
- Support LEED and BREEAM certification

## ARCHITECT, DESIGNER

- Switches in the ABB design
- Solution suitable for any stage of a project
- Full CAD support
- Online technical and design support

## SYSTEM INTEGRATORS

- Wireless light, occupancy, temperature, contact and humidity sensors
- Open communication interface
- Easy integration into BMS systems

## USERS OF PREMISES

- Up to 60% lower lighting costs
- In compliance with lighting standards
- Easy operation with prevention of human errors
- Flexibility of interior layout



...a unique combination of savings, flexibility and user comfort



ENIKA.CZ s.r.o.  
Vlkov 33, 509 01 Nová Paka, Czech Republic  
Phone: +420 493 77 33 11, Fax: +420 493 77 33 22  
E-mail: prodej@enika.cz, www.enika.cz

