

Lighting Control Applications

Helvar



LIGHTING CONTROL SOLUTIONS

Helvar is an international lighting technologies company specialising in energy efficient components and solutions for lighting applications and lighting control systems. Helvar is a family owned company established in 1921.

Our in-depth understanding of lighting controls and components enables us to meet our customer's needs with innovative products and advanced lighting systems.

CUSTOMER DRIVEN SERVICE AND INNOVATION

We serve our customers locally in over 40 countries. Our headquarters are located in Finland, as are our luminaire component development and manufacturing operations. Our lighting control competence centre is in England. Worldwide, our customers are served by our local sales offices and our global network of partners.

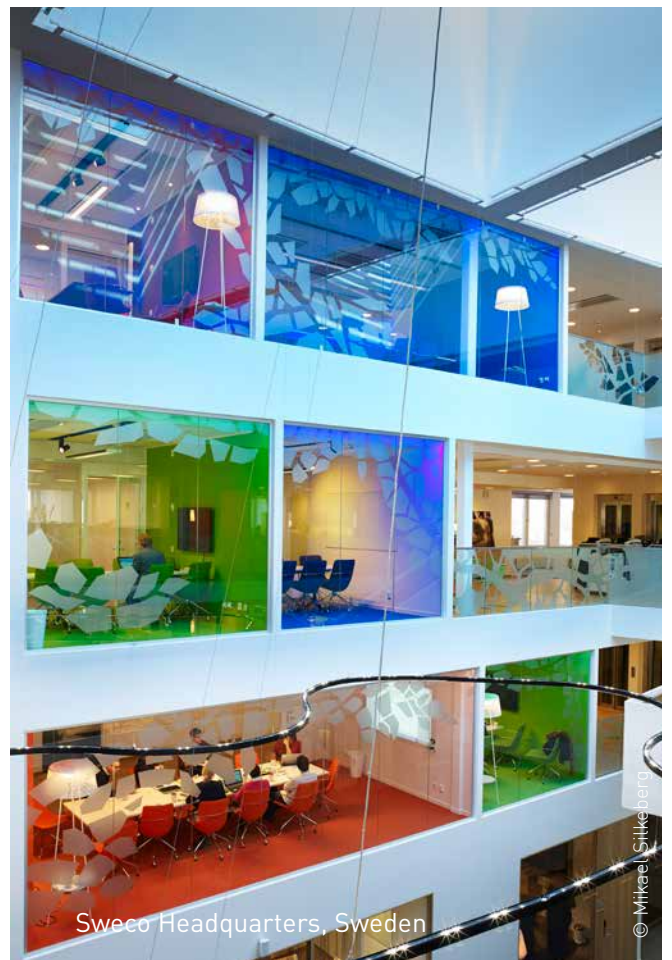


Zorlu Center, Turkey



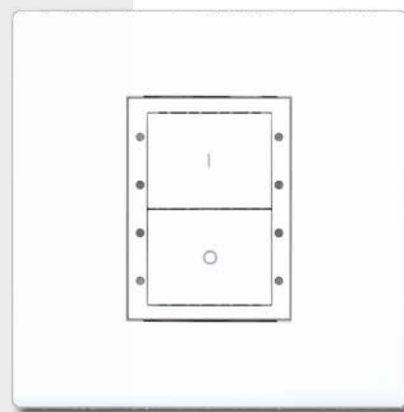
The WTC Trust Tower, Abu Dhabi

smart energy efficient lighting solutions



EDUCATION

- Student comfort
- Correct light level for every activity
- Classroom or whole building solution
- Integration with Building Management System
- Integration with Audio Visual System
- Automated or Manual control
- Daylight Harvesting and Presence Detection for energy saving
- Energy management and Maintenance





312 Multisensor



313 Microwave sensor



498 relay unit



LED drivers



Fluorescent ballasts



Tipotie social services and health centre, Finland

- Classroom
- Corridor
- Nursery
- Gymnasium
- Auditorium
- IT Suite
- Stairs
- Canteen



905 Router



Tampere University of Applied Sciences, Finland



Tampere University of Applied Sciences, Finland

HOTELS

- Scene selection to create the right ambience
- Fully scalable, from a single hotel room to an integrated lighting solution for the whole building
- Integration with Room Management System
- Integration with Audio Visual System
- Control of multiple load types
- Energy Monitoring and Maintenance
- Power on to last level
- Automated control of Public Spaces



Mardan Palace, Turkey

© Mardan Palace



478 DALI controller



920 Router



454 Transistor Dimmer



LED drivers



Cafe Royal, UK

© Cafe Royal

- Reception / Atrium
- Restaurant
- Hotel Room
- Fitness Centre & Spa
- Ballroom
- Business Centre
- Boutique / Shop
- Façade and Landscaping

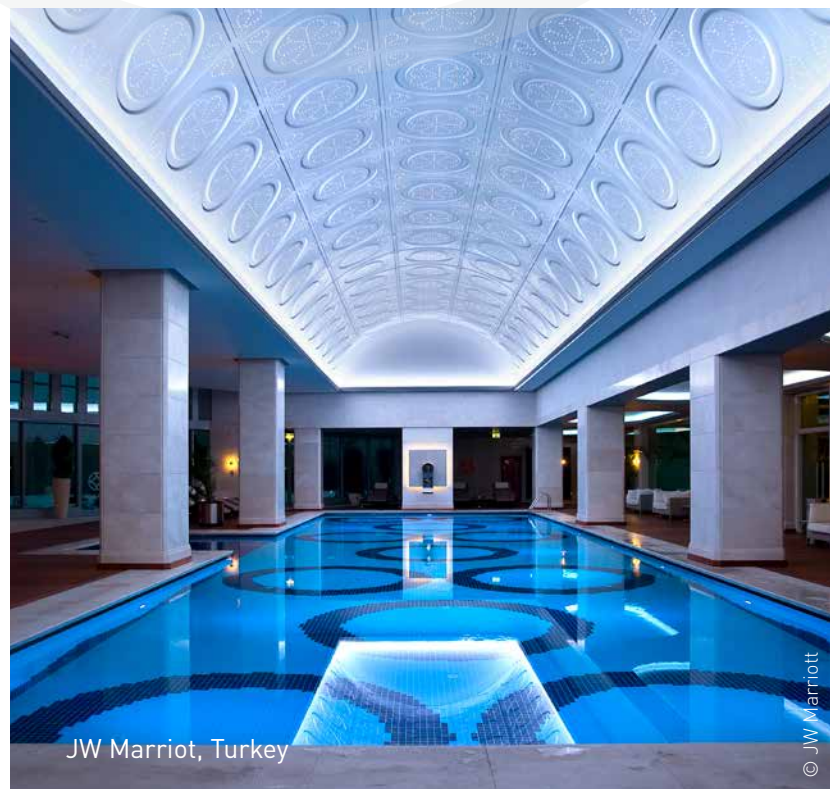


458-Series



Cafe Royal, UK

© Cafe Royal

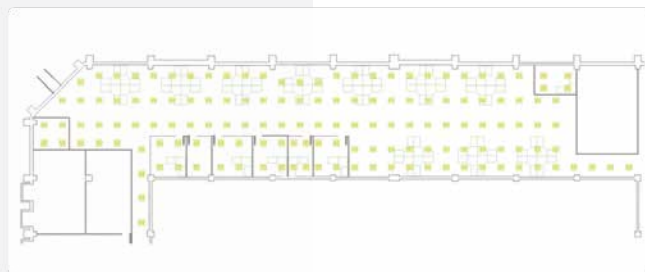


JW Marriot, Turkey

© JW Marriot

OFFICES

- Fully scalable solutions, from a single office to the whole building
- Daylight Harvesting for energy saving
- Corridor hold function for safety and comfort
- Cooperative Presence / Absence Detection
- Integration with Building Management / Audio Visual Systems
- Energy Monitoring and Maintenance
- Control of multiple load types
- Blind Control





910 Router



478 DALI controller



315 Luminaire Mounted Sensor



Fluorescent ballasts



Sweco headquarters, Sweden

© Mikael Silkeberg

- Single Office
- Open Plan Office
- Meeting Room
- Reception
- Corridor
- Stairs
- Canteen
- Lift Lobby



312 Multisensor



Sweco headquarters, Sweden

© Mikael Silkeberg

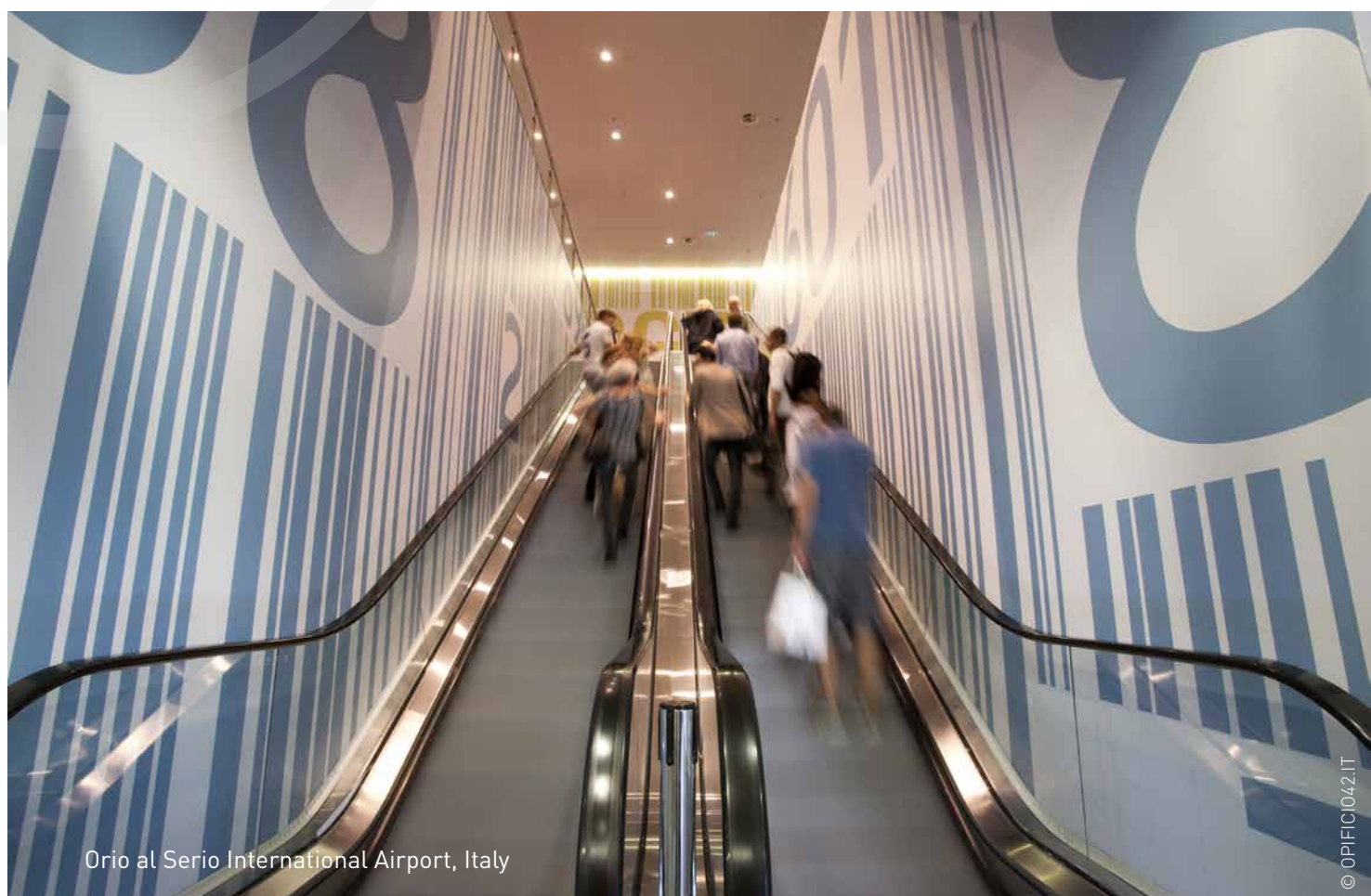
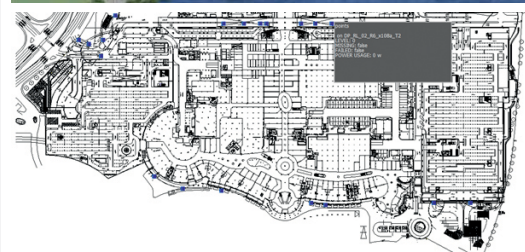


Bocconi, Italy

© Paolo Tonato

RETAIL

- Automated control for energy saving
- Daylight Harvesting and Presence Detection for energy saving
- Scene selection to create the right ambience
- Control of multiple load types
- Integration with Audio Visual System
- Energy Monitoring and Maintenance
- Integration with Building Management System
- Power on to last level



Orio al Serio International Airport, Italy

© OPIFICIO2.IT



498 Relay unit



474 Ballast controller



LED drivers



135 & 136 Panels



458-Series



Kabuki-za Theatre, Japan

- Public Spaces
- Boutique / Shop
- Cinema
- Bank
- Control Room
- Supermarket
- Food Court
- Administrative Areas



920 Router



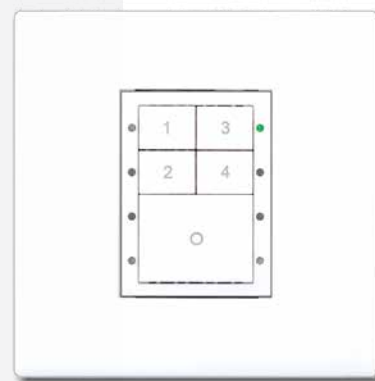
Bluewater Winter Garden, UK



Niketown, UK

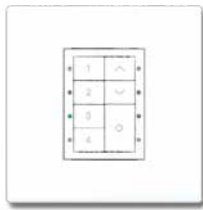
HEALTHCARE

- Simple control for patient comfort
- Task lighting for medical personnel
- Automated control for energy saving
- Power On to Last level
- Presence / Absence Detection
- Fully scalable solutions, from a single bed to the whole building
- Integration with Building Management System
- Energy management and control





131 Panel



135 Panel



LED drivers



Fluorescent ballasts



312 Multisensor



Tipotie social services and health centre, Finland

© Lauri Dammert

- Patient Bed
- Patient Room
- Operating Theatre
- Treatment Room
- Reception
- Administration Area
- Corridor
- Stairs



910 Router

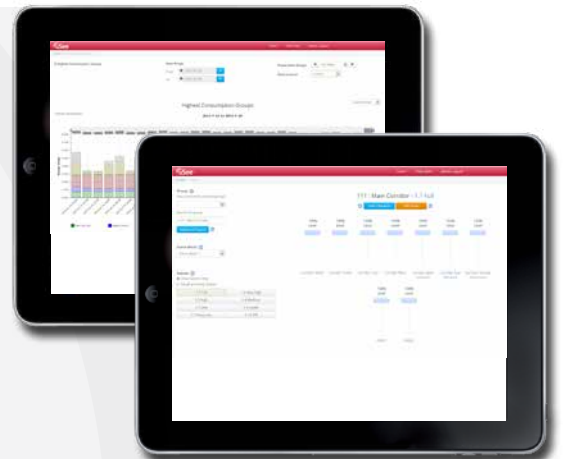


Tipotie social services and health centre, Finland

© Lauri Dammert

ARENA

- Activity based light levels
- Simple programming for different events
- One system for multiple applications
- Integration with entertainment lighting – Architainment™
- Maintenance Reporting
- Energy Management
- Power on to Last level
- Control of multiple load types



Heydar Aliyev Center, Azerbaijan



920 Router



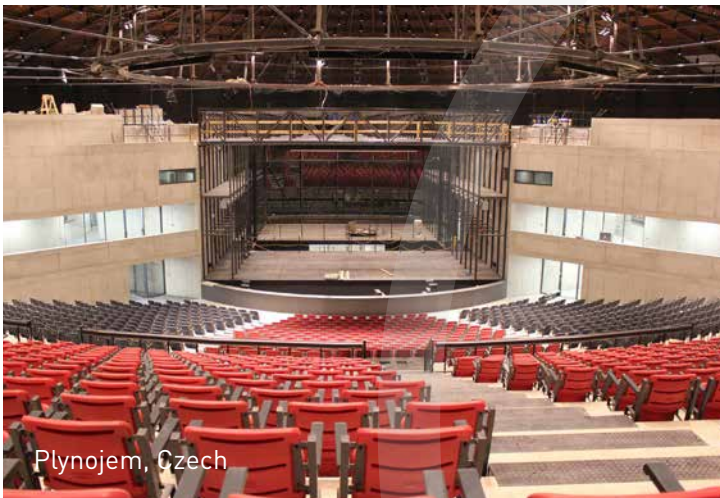
135 Panel Steel



313 Microwave sensor



Fluorescent ballasts



Plynajem, Czech

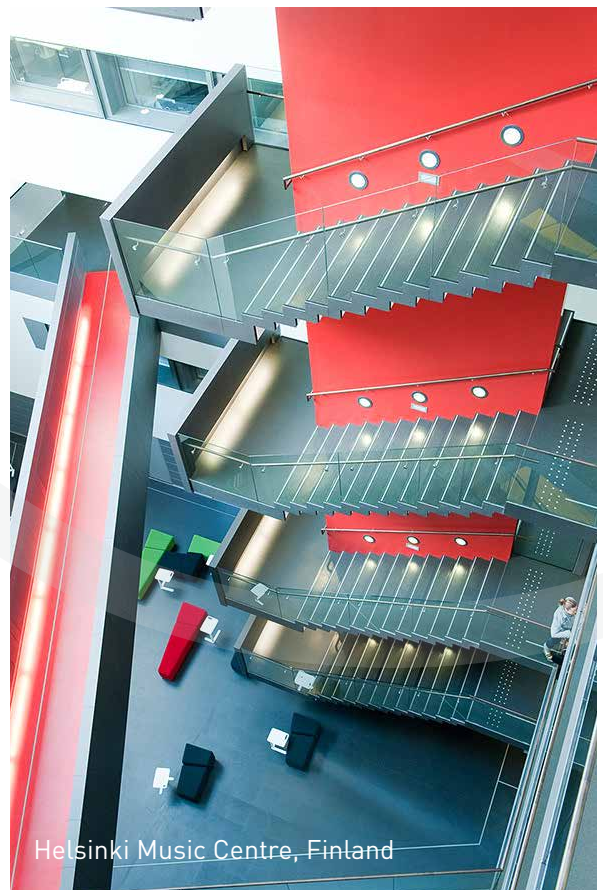
- Arena
- Concert Hall
- Cinema
- Auditorium
- Entrance Hall
- Stairs
- Fitness Centre & Spa
- Parking



498 Relay Unit



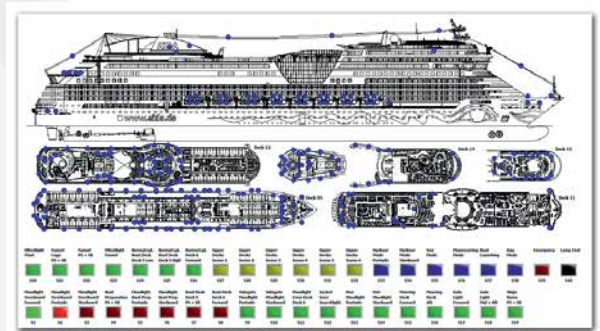
Heydar Aliyev Center, Azerbaijan



Helsinki Music Centre, Finland

CRUISE

- Scene selection to create the right ambience
- Fully scalable, from a single cabin to an integrated lighting solution for the entire ship
- Integrated Room Management System
- Integrated Audio Visual System
- Control of multiple load types
- Energy Monitoring and Maintenance
- Automated control of Public Spaces



Allure of the Seas

© RCCL



939 Panel



454 Transistor Dimmer



LED Driver



498 Relay Unit



Oasis of the Seas

- Restaurants
- Cabins
- Fitness Centre & Spa
- Ballroom
- Shops
- Concert Hall
- Cinema
- Facade and Landscaping



920 Router



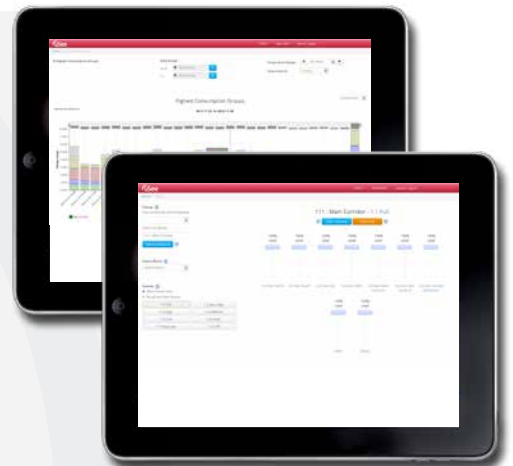
Allure of the Seas



Oasis of the Seas

INDUSTRIAL

- Maintenance Reporting
- Presence / Absence Detection
- Power on to Last level
- Control of multiple load types
- Activity based light levels
- Daylight Harvesting & Automated Control for energy saving
- Fully scalable solutions, from a single office to the entire building





314 Microwave Sensor



317 High Bay Sensor



478 DALI Controller



910 Router



Nibe warehouse, Sweden

© Malmöbild/Drago Prvulovic

- Warehouse
- Loading Bay
- Entrance Hall
- Single Office
- Reception
- Lift Lobby
- Corridor
- Stairs



494 Relay Module



Nibe warehouse, Sweden

© Malmöbild/Drago Prvulovic



Nibe warehouse, Sweden

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