Optimize your Lighting System

Lighting Solutions Provider
Eltam EH operates in the global market through a network of distributors and a front office.
• Founded at 1967.
• Leading lighting solution and products provider.
• 50% of sales in international markets; distribution in 15 countries.
• 110 employees.
• Strategic relationship with Panasonic lighting and Hella industries.
• Ongoing projects globally.
Advanced Technologies
• Brings to the market advanced and flexible lighting systems, matching a solution to customer's requirement.

Distribution Network
• Eltam established global distribution network to promote it’s products and solutions world wide.

R&D
• Offers a complete solution for LED and HID illumination and a complete solution for management and control system.

Production
• Enables Eltam fast response to the market changes and requirements and implement new designs and solutions.

Human Resources
• Highly experienced and motivated personnel the real engine of Eltam’s success.
Electro Magnetic Ballasts
Reactor and CWA ballasts with a wide range from 8 to 2000 watt.

Electronic Ballasts
Wide range of smart electronic ballasts for fluorescent and HID lamps (45-400W).

LED Drivers
Wide range of smart and controllable LED drivers (30-150W).

Special & Niche Products
Light systems for armored vehicles and agriculture lighting application.

ONSiTE
The software platform for control, manage, operate, and maintain lighting solutions.

Energy Management
Street Lighting...

- A major expense for municipal bodies (energy bill + maintenance)
- Important services given by a municipality
- Lighting is a key for security
Lighting and Regulation

- International standards of safety, performance and required lighting levels with local deviations and adaptations.
- EN 13201 sets the required lighting levels according to a classification which includes road type, usage, type of users and more allowing levels/classes for different conditions.
- Energy effective lighting and adoptive management creates significant cut in costs.
- LED technology allows immediate response, better optics and high energy efficiency.
- Light point as a service and property.
Three layers architecture

TCP/IP Layer

Cabinet Layer

Street Layer
Three layers architecture

TCP/IP Layer

Cabinet Layer

Street Layer
Scalable centralized web-based control and monitoring system for streetlights
✓ A Flexible hierarchy and grouping with integrated GIS.
✓ Real-time reports and alerts by E-mail, SMS, Status snapshot and User Interface popups.
✓ Flexible report generator.
✓ Maintenance and failure analysis become an easy task.
✓ Unlimited dimming profiles with 5% level steps and resolution of 15 minutes.
✓ Simple User Interface – intuitive operation for easy control and a quick view of the most important features.
✓ Supports LON, DALI, RF and Midnight communication Protocols.
OCA – ONSiTE Commissioning App

OCA app provides a fast and easy way to define, commission and add devices to the ONSiTE management system.

Real-time server updates for updated and commissioned devices.

Updated Light Points list export to XLS format.
Controllable LED drivers + Management & Control of Lighting Systems = Energy Savings At least 50%

Management and control lighting system brings to a significant energy saving.
Energy Efficiency

Monitoring and control

Last Night Status

Power consumption(kwh)

Saving(kwh)

Energy: 0.758 Total Savings: 2.167 (74%)
System Certification Quality

ISO 9001:2008 Management system

ISO 14001 Environmental Policy

ISO 18001 Employee Safety

ISO TS 16949 Automotive industries
Thank you!