

POWER TUNING

The Art of Using Power

Lighting Fixtures, Technologies & Controls



Lighting
Fixtures
& Components



Lighting
Controls
& Systems



Green
Buildings
Systems



Smart
Emergency
& Detection



Automation,
BMS Lighting
Integration



Solar
PV
Systems

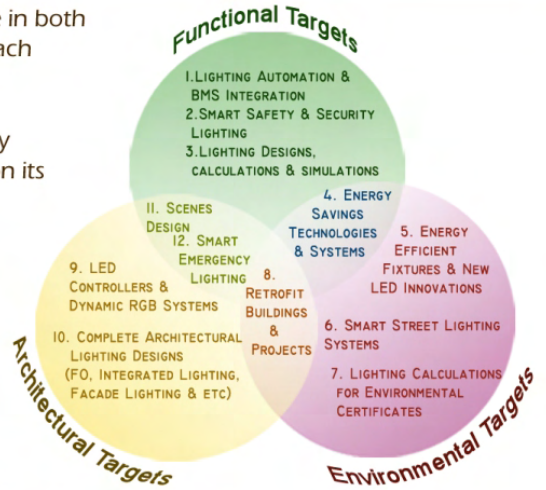
SERVICES & SOLUTIONS

In Power Tuning, we employ our experience in both lighting and serving our clients aiming to reach superiority and perfection.

Power Tuning does not focus only on energy efficiency in its solutions and products; but on its service effectiveness too.

Our services include designs, calculations, site testing, supplying, commissioning, client satisfactory and training.

Our solutions - as seen in the diagram - are centered around the concept of fulfilling different efficiencies and targets that may be sought by any project designer.



PRODUCTS

Indoor Lighting



Decorative Fixtures



Sustainable Lamps



LED Modules & Fixtures



Fiber Optics



Outdoor Fittings



Emergency Lighting



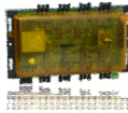
Sensors



Switches & Touch panels



Control Modules



Gateways



Wireless System Components



Automation & Building Management Systems



Control Gears



CONTROL SYSTEMS

- 2-phase
- 1-10V
- DALI
- DMX
- LON-Works
- KNX
- PLC
- BACnet
- IP
- Wireless
- LEDTRIX, UNIVERS
- PWM

CONTROL STRATEGIES

- Automatic Switching & Dimming (Presence, Occupancy, Vacancy & Lux Level)
- Scheduled Time Control
- Manual Controlling & Scenes Choosing
- Load Shedding & Demand Response
- Function Oriented & Task Tuning
- Energy Management & Controlling

APPLICATIONS & PROJECTS



1
Lighting control integration in LON Network by **Distech**

Smart safety lighting uplights for transport station by **Etap**



2



3
Combined DALI and On/Off design for multipurpose theatre scenes designs by **Power Tuning**



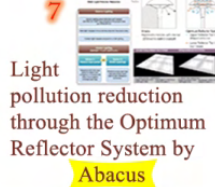
4
Wireless energy saving control for hotel guest room by **Illumra**



5
Solar top mounted LED fixture with special lens by **Mareco Luce**



6
Street lighting with intelligent geo-dim gear by **BAG**



7
Light pollution reduction through the Optimum Reflector System by **Abacus**



8
ECO saver FL lamps up to 12% more energy saving and 3 times life time by **AURA**



9
DMX RGB controllers by **Electron**

10
Facade lighting design by **Power Tuning**













11
Scenes designs, fixtures and controls by **INSTA**



12
Outdoor detection sensors & controls by **Extronic**

CONTROL PRODUCTS GUIDE

Suppliers / Products	Sensors	Switches	Control Panels	Gateways	Wireless System Components	LED Modules & Fixtures	Integrated Systems	Control Gears	Automation Systems	Building Management Systems	ORIGIN
 ELECTRON			- LED Controller - DMX			- Outdoor - Indoor - Decorative	- LED Alum. Profiles - FO	- LED Drivers			Greece
 ELINCA INNOVATIVE LIGHTING			- LED Controller - DMX			- Outdoor - Indoor - Displays	- LED Alum. Profiles - FO	- LED Drivers			Italy
 INSTA	- PIR - Lux Level	- Programmable Dimmers - Touch Screens	- UNIVERS - LEDTRIX - DMX	- DMX - DALI - KNX	- RF (Full Range)	- Outdoor - Indoor		- Drivers - Ballasts - Masters/Slaves - Repeaters	- Switching Actuator - Shutter Actuator		Germany
 flex7	- PIR - Lux Level - Slave Head	- Remote Control	- Control Pack - Corridor Unit - Timer Unit				- Full Power Circuits				UK
 EUTRAC®	- DALI – Light Motion Sensor	- DALI Remote Control - DALI Adaptors	- Light Composer Adaptor		- IR Interface		- Complete Range of Tracks Systems				Germany
 Extronic Elektron INNOVATIVE LIGHTING	- Acoustic - Outdoor - Photocell - PIR	- Magnetic Contact - Level Switches	- Detectors - Logic Modules					- Relays & Contactors - Power Supplies & Rectifiers			Sweden
 ETAP	- PIR - Lux Level	- Push Buttons - Potentiometers - Remote Controls	- Switching & Dim Units - DALI - 1-10V	- ELM can be integrated to BMS		- Indoor - Industrial - Emergency	- Sensors Integrated into Fixtures		- Emergency Systems	- Central Management & Control System	Belgium
 ILLUMRA 3-Phase Wireless Controls	- Self Powered wireless Occ. - Magnetic Contact	- Single - Double - Handheld - Key Card	- Wireless Receivers & Controllers (0-10V)	- Enocem /BacNet	- Complete Range of Enocem Tech. - ZigBee			- LED Controllers - Industrial Relays	- HVAC Solution (Enocem)		USA
 DISTECH CONTROLS	- Full Range of Domestic & Industrial sensors	- Remote Controls	- DALI - 1-10V	- BACnet - LonWorks - Modbus	- Open-40 - Wireless - Wireless Mesh				- Lighting & Subload - HVAC - Access & CCTV	- EC-Net - Energy Management - Multi-site	France
passion for electronics bag,						- Spot - Linear - Plane - Square	- LED Modules	- Complete Range of Drivers, Ballasts, Igniters			Germany



*All instruments needed
for the
Orchestra of Sustainability*



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