

POWER TUNING

The Art of Using Power

Lighting Fixtures, Technologies & Controls



Our WORD

In Power Tuning (PT), we use our experience in both lighting and in serving our clients 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.

I have been involved in lighting projects since 2005. Lately in 2013, I had begun working through PT, the house of lighting fixtures, technologies & controls.

Please look thoroughly in our products, systems, solutions and services range, to honor us serving you the professional way you deserve.

Eng. Ramy El-Zabet
Managing Director

Our EXPERIENCE

Airports	Sales Offices	Hotels & Resorts
Museums	Educational Premises	
Office Buildings	Industrial Landmarks	
Public Outdoor	Worship Buildings	
Cultural Centers	Retail Stores	Shopping Malls
Social Buildings		Residential

(Complete reference list upon request)



El-Rehab Residential Villa



Different Lighting Options



Conceptual Design



Four Lighting Modes



Calculations & Rendering



Residential

Our SERVICES

Business Bay Office building in New Cairo

Concepts & Design Drafts

Office Buildings

Egyptian Army Conference Hall

Calculations & Simulations

Cultural Centers

Abuqir Fertilizers I.W.W.T.P.

Supplying

Industrial

Building a Concept

Different Styles One Character

DESIGN PALETTE

Better home Better lifestyle

DMG DESIGN & PROJECT MANAGEMENT GROUP

ORASCOM

SAMCRETE

Squares

Photo To 3D

Customized Fixtures & Integrated Systems

Lighting Systems Installation

Our scope of work covers all aspects of lighting projects.

We offer consultancy services including: *Lighting concepts, performing design drafts, architectural lighting designs with needed simulations and calculations.* We also provide *electrical & lighting documents, drawings and specifications.*

We supply from our range of european products which you can explore from our Catalogue DVD.

Additionally, we can **customize special designs of fixtures and integrated architectural solutions** for your project.

We also can execute our *lighting designs, solutions and systems.* We carry out all *electrical and structural installtions* needed to ensure the quality of lighting designs implementation.

A) Indoor Lighting Fixtures:

B) Outdoor Lighting Fixtures:

1. Linear & LEDs Tubes



2. HighBays



3. Spots & Ceiling Surface



4. Downlights



5. Wall Recessed & Appliques



6. Pendants



7. Architecture & Furniture Integrated



1. Flood Light



2. Underwater LEDs



3. Street Light



4. Top-Mounted



5. Wall & Ceiling



6. Landscape



7. Construction Integrated



C) Special Lighting Systems:

1. Linear & Track Systems



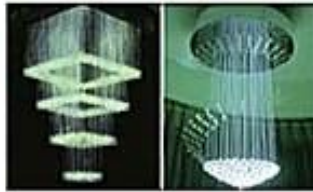
2. Explosion Proof & Industrial Fixtures



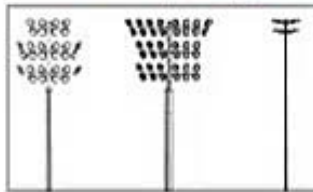
3. Emergency Fixtures & Systems



4. Fiber Optics & LED Curtains



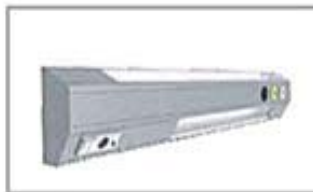
5. Poles & High Masts



6. Hospitality Decorative Fixtures



7. Clean Room & Health Care



D) Components & Lighting Controls:

1. Lamps, LED-Lamps & Modules



2. Control Gears, Drivers & Power Supplies



3. Presence & Light Sensors



4. Switches, Remote Controls & Touch Screens



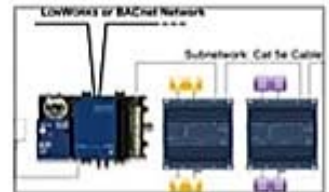
5. Control Panels & Gateways



6. Wireless System



7. EMS, Automation & BMS Integration













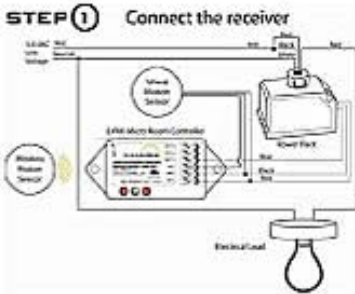







WIRELESS LIGHTING CONTROLS

Time Saving Installation



Applications



Overcome glass partitions in offices



Occupancy and light sensors for saving energy



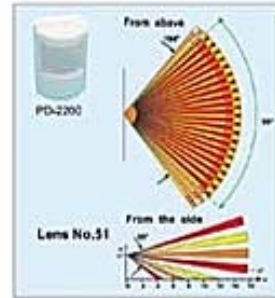
Zone lighting to deactivate unused lights to save energy



Lowering energy bill with attractive scenes in retails.

DETECTION TECHNOLOGIES

Indoor Detection

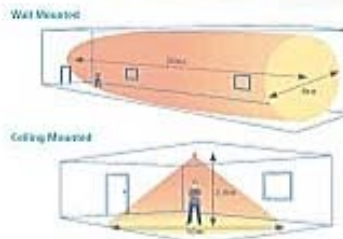


PIR with different lenses



Acoustic technology with logic controllers

Wall Plate sensors, scene setting & dimming functionality



Microwave sensors

Outdoor Detection

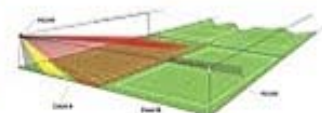


Pedestrians Safety Applications



Security Applications

Sports Fields Applications



LIGHTING CONTROL STRATEGIES

Daylight Linking



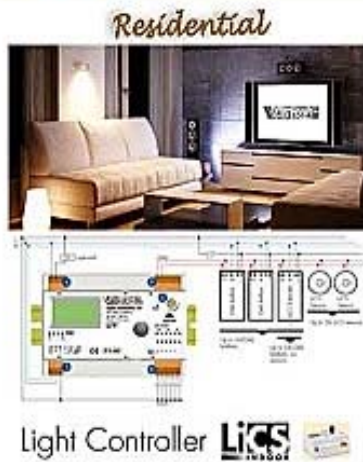
Daylight (lumen) sensors can automatically adapt the lighting levels taking into account the available daylight.

Task Tuning

Energy waste caused by over lighting is avoided by setting standard lighting levels based on specific jobs or applications.



SMART LIGHTING APPLICATIONS



LIGHTING CONTROL STRATEGIES

Individual Control

Users are able to personalize the lighting if they have control over the lighting at their workplace. This is easily done with pcs personal control software.

Scenario Setting

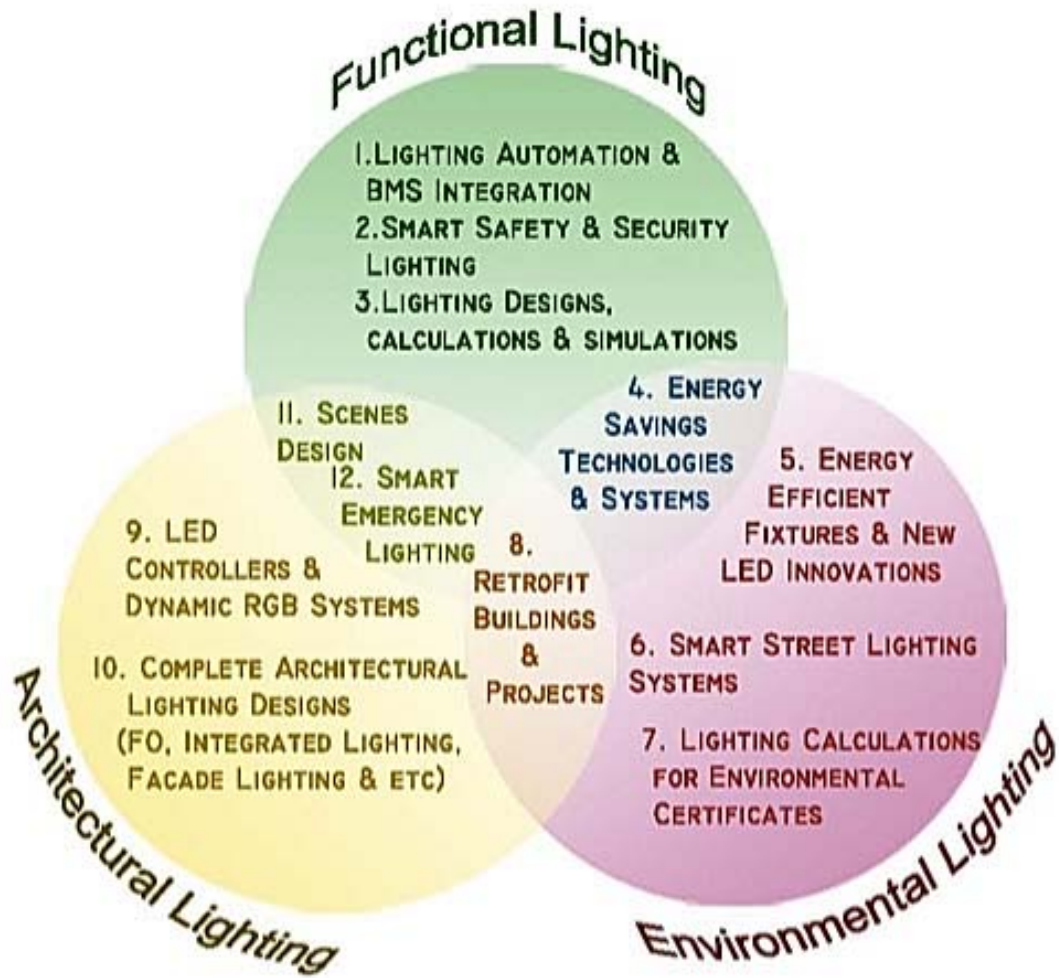
By defining scenarios, the lighting easily adjusts to the various functions of the same room.

Logic Control

Many control functions in one control unit; e.g. manual ON function, memory function, lum-on maintenance dimming, etc..



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Smart Lighting for Smart Cities

