SMART PoE LED LIGHTING SYSTEM VS. ALL OTHER LIGHTING

BENEFITS	ECO-SYSTEM PoE LED LIGHTING	PoE LED LIGHTING	LED LIGHTING	FLUORESCENT/ LEGACY LED LIGHTING
Energy Savings	UP TO 90%	LESS THAN 90%	UP TO 50%	0%
Wattage	6-30 Watts max.	VARIES	VARIES	VARIES
High-Voltage (AC - Alternating Current)	-	-	✔	✔
Low-Voltage (DC - Direct Current)	✔	✔	-	NA
Instantaneous Illumination (No Delay, Lighting Turns "On" Instantly)	✔	-	✔	-
Integrated Smart City Building Automation System (eco-system BAS)	✔	-	-	-
Smart PoE Lighting Software Included in Cost	✔	-	-	-
ALL Hardware and Software Made by Same Manufacturer	✔	-	-	-
Uninterrupted Signal (No Electromagnetic Interference Due to Over-Voltage)	✔	-	-	-
Luminaire Level Lighting Control	✔	-	-	-
Off-Grid Ready Solution via UPS (Uninterrupted Power Supply) or RPS (Redundant Power Supply) and Autonomous Solor Array	✔	-	-	-
Free Training Cost	✔	-	-	-
Complete 10-Year Warranty (End-to-End)	✔	-	-	-
Real-Time Energy Usage Monitoring and Reporting Per Each Fixture	✔	-	-	-
IoT-based Individual Light Control and/or All-Lights as Group	✔	-	-	-
Real-Time Fixture Lifespan Monitoring and Calculations for Replacement Fixtures (Displayed Per Fixture)	✔	-	-	-
Comprehensive Online Reseller Portal (Generates Instant Quotes / Replaces Lighting Engineer)	✔	-	-	-
Circadian Rhythm (Lighting Follows Path of Sun to Increase Awareness/Productivity)	✔	-	-	-
Custom IoT-based Motion Sensors (Same Manufacturer As Lighting)	✔	-	-	-
Wireless Remote Control (Tablet, Smartphone, Smart Remote, etc.) Includes Custom Wall-mounting	✔	-	-	-

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Top-Rated Reliability and Resiliency	✔	-	-	-
100% Solar Powered Off-grid Street and Parking Lot Lamps	✔	-	-	-
NO Additional Expense For Required 3rd Party Software	✔	-	-	-
Securely Connects to Building Management System, Internet / Enterprise-wide Network	✔	-	-	-
Emergency Lighting Certified (Designed/Approved to Illuminate Path of Egress)	✔	-	-	-
Daylight Harvesting (Sustainability Sensors Adjust Indoor Light According to Amount of Natural Light via Windows; aka: Exterior Photocell Control)	✔	✔	-	-
Load Shedding (DR)	✔	✔	-	-
Up-to-Date "Smart Lighting System" State Incentives + Federal Rebates	✔	✔	-	-
Environment Settings (Moods/Scenes For Room Type, Activity, Performance, Function)	✔	✔	-	-
Real-Time LED Brightness Control	✔	✔	-	-
Pre-Programmed Software Algorithms for Energy Efficiency (Designed to Reduce Capex)	✔	✔	-	-
Easy to Implement and Reconfigure	✔	✔	-	-
Lowest Cost of Installation / Maintenance (IT Professional vs Electrician)	✔	✔	-	-
Emergency Battery Backup via UPS (Uninterrupted Power Supply) and/or RPS (Redundant Power Supply)	✔	✔	-	-
Safest Lighting Solution (Low-Voltage DC Power Reduces Chance of Electrocution or Fire)	✔	✔	-	-
Pre-Programmable Scheduling (Daily, Weekly, Monthly, Geographical Location, Time of Year)	✔	✔	-	-
Global Dashboard Control (Panoramic View of Total Enterprise Lighting System)	✔	✔	-	-
Remote Diagnostics	✔	✔	-	-
High/Low Trim "Tuning" (Capability to Set Minimum/Maximum Light Levels)	✔	✔	-	-
Applicable State Incentives and Federal Rebates For Lighting Fixtures ONLY	✔	✔	✔	-
Human Occupancy Sensor: Body/Motion Detection (Made by Same Manufacturer as Lighting)	✔	✔	✔	-
Residential Use	✔	✔	✔	✔
Commercial Use	✔	✔	✔	✔
Dimming Capability	✔	✔	✔	✔

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