L.E.D. is the New Standard in Lighting. Lumens³ is the New Standard in L.E.D.

PATENTED OUTDOOR CROSSWALK MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ LED SYSTEMS:

Enhanced Pedestrian Security = Light Color Change to Yellow, Red, or to Another Color; Oscillation; Flashing; Motion Auto-Tracking; Variable & Total Fan-Out Control & Sensing for times of heavy pedestrian traffic. Sensors also log & report vehicle speed going through crosswalks when pedestrians are present in the crosswalk and at other times.









EXCLUSIVE PATENTED MOTION AUTO-TRACKING:

*LIGHT PANELS USE SENSORS TO ROTATE ONE OR MORE PANELS TO FOLLOW PEDESTRIANS.

*LIGHT PANELS USE SENSORS TO SPREAD OUT APART TO COVER A LARGER AREA FOR TIMES OF HEAVY PEDESTRIAN TRAFFIC AND TO LIGHT AREAS DIRECTLY UNDER LIGHTS.

EXCLUSIVE PATENTED ELECTRONIC PEDESTRIAN SAFETY SIGNAGE:

WHEN SENSORS SENSE THAT PEDESTRIANS ARE IN CROSSWALKS, A SIGNAL IS SENT TO ELECTRONIC SIGNS MOUNTED ON TRAFFIC LIGHT POLES TO WARN CARS 100S-1000S OF FEET BEFORE THE INTERSECTION THAT PEDESTRIANS ARE IN THE CROSSWALK.

*ONE OR MORE ELECTRONIC SIGNS CAN BE MOUNTED ON TRAFFIC LIGHT POLES AT INTERSECTIONS & FURTHER DOWN THE STREET NEAR DANGEROUS INTERSECTIONS TO WARN DRIVERS.

*CAMERAS ON URIEL'S LIGHTING SYSTEMS ARE ACTIVATED AS THE LIGHTING SYSTEMS TRACK PEDESTRIANS WHEN CARS ENTER CROSSWALK AREAS.

*GPS LOCATIONS & CAMERA DATA IS SENT TO CITY, POLICE, AND TO EMERGENCY PARTIES THROUGH URIEL'S EXCLUSIVE MULTI-CHANNEL NETWORKING CIRCUITS WHEN URIEL'S EXCLUSIVE BI-DIRECTIONAL EMERGENCY INTERCOM SYSTEMS & CAMERAS AT INTERSECTIONS ARE ACTIVATED.

*EXCLUSIVE INTERSECTION LOCKDOWN & TRAFFIC RE-ROUTING SIGNALS SENT TO ELECTRONIC SIGNS MOUNTED ON TRAFFIC LIGHT POLES.

*INTERSECTION LOCKDOWN DURING EMERGENCIES ALLOWS TRAFFIC IN ALL DIRECTIONS TO BE LOCKED INTO FULL RED-LIGHT MODE; OR TO FLASHING RED LIGHTS WITH TRAFFIC RE-ROUTING INFORMATION DISPLAYED ON INSTALLED URIEL ELECTRONIC SIGNAGE MOUNTED ON TRAFFIC LIGHT & STREET LIGHT POLES. ALLOWS POLICE TO HANDLE TRAFFIC THROUGH MANNED ACTIVITY ON FOOT DURING EMERGENCIES AT TROUBLED INTERSECTIONS.

*AUTOMATIC INTERSECTION OR STREET LOCKDOWN TO "FLASHING RED LIGHTS" OR TO CONTINUOUS "RED LIGHTS ON" IN ALL DIRECTIONS WHEN SECURE INTERCOM SYSTEMS AT INTERSECTIONS COMMUNICATE WITH CITY OR POLICE SYSTEM ADMINISTRATORS AND POLICE OR CITY EXECUTES SIGNAL COMMANDS FROM THE CONTROL CENTER OR FROM AUTHORIZED SMART PHONES TO ALTER RED LIGHT FUNCTIONALITY AT TROUBLED INTERSECTIONS.



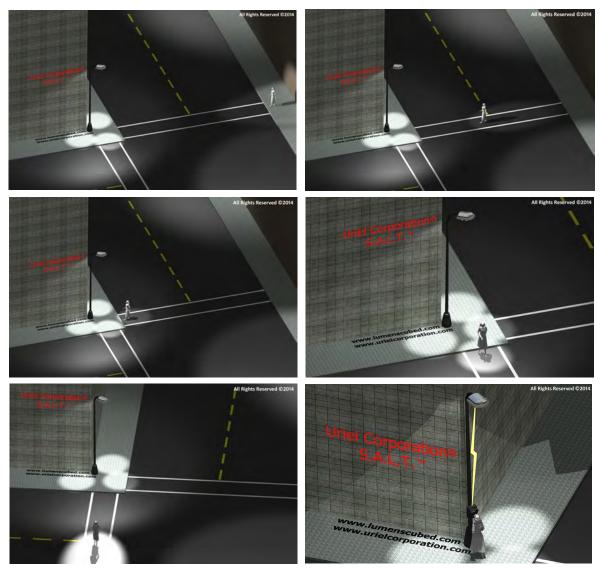
L.E.D. is the New Standard in Lighting. Lumens³ is the New Standard in L.E.D.

PATENTED OUTDOOR CROSSWALK MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ LED SYSTEMS:

Uriel's Exclusive Sensor Technology also monitors adjoining crosswalks and warns vehicles when pedestrians are present to warn vehicles with electronic signage and to engage cameras for ticketing to prevent Right Turn on Red when pedestrians are present in adjoining crosswalks.

Enhanced Pedestrian Security = Light Color Change to Yellow, Red, or to Another Color; Oscillation; Flashing; Motion Auto-Tracking; Variable & Total Fan-Out Control & Sensing for times of heavy pedestrian traffic.

EXCLUSIVE PATENTED MOTION AUTO-TRACKING*: LIGHT PANELS USE SENSORS TO ROTATE PANELS.



*Uriel's Exclusive Motion Auto-Tracking LED Lighting & Sensing Systems Allow for Automatic & Manual Street, Parking Lot, & High Security Area Surveillance & Monitoring as might be desired.



OUTDOOR 911 EMERGENCY COMMUNICATIONS

FURTHER EXCLUSIVE SYSTEMS & FEATURES

---Enhanced Pedestrian Security LED Lighting™

---Caution, Yellow-Red Alert Lighting™

---Threat Monitoring LED

Lighting™

---Sensor Monitoring LED Lighting™ ---LED Lighting w/Area Surveillance

Reporting™

---Hazard Sensor Enabled LED Lighting™

---Environmental, Weather, Seismographic Sensor Enabled LED Lighting™

For more information on any of our products or services please visit us on the Web at: www.lumenscubed.com

•Exclusive Patented Lumens³ LED SYSTEMS

Interface with Existing 911 Systems & Exclusive Lighting Public Address Speaker Systems.

- •Allow the Public to Interface with City Help, Law Enforcement, & 911.
- •911 Calls allow responders to quickly pinpoint the location of calls by turning Lights Red, Blue or to Another Color.



*Note: The Communication Interface shown might differ from the Lumens³ Communication System that might be installed. System Interface can be mounted on any type of light pole, wall, or surface.

Uriel Corporation® Page 3 of 10

EXCLUSIVE, PATENTED COLOR-CHANGE ENABLED LED SYSTEMS:

(For F.E.M.A., Disaster Agencies, Hazmat Teams, National Guard, Law Enforcement, Emergency Vehicles, First Responders, City Emergency & City Technical Operations: (Change Alert to Any Color or Mode.))

- •Span-Radius Control & Emergency Yellow-Red or Other Color Alert Functionality for Emergency Vehicles, for Authorities, and for City Address Systems.
- •Oscillation & Flashing to escalate alert levels & bring more attention to a situation.
- •Road Closings; Festival; Block Party; Civil; Church; or Business-Entertainment events can each have their own designated color code.



City-Wide Alerts For:

- •Weather.
- •Accident-Disaster Areas.
- •Safety-Terror Security Alerts.
- •Alert Citizens before they hear sirens.

•Securely change segments, entire streets or local pathways of emergency vehicles to Yellow, Red, or to Another Color during emergencies.

•Lights change color automatically as emergency vehicles approach:





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FURTHER EXCLUSIVE

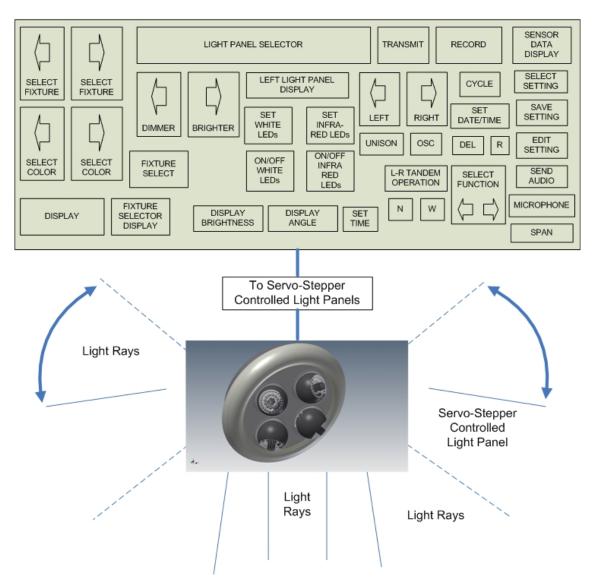
- ---City Security, Protection, & Communication LED Lighting Grids™
- ---Border Security LED Lighting Systems™
- ---LED Lighting w/Directable
- Communications & Control
- Technology™
- ---Hazard Sensor Enabled LED Lighting™
- ---Environmental, Weather,
- Seismographic Sensor Enabled LED Lighting™
- ---Custom Application, Custom Sensor Enabled LED Lighting™
- ---Grow Lighting for Outdoor Crops, Orchards, Greenhouses, Indoor Plant Growth, and for Hydroponic Farming™

For more information on any of our products or services please visit us on the Web at: www.lumenscubed.com

Exclusive Patented Lumens³

LED Control Systems:

SYSTEM CONTROL PANEL WITH MULTI-LIGHT PANEL ROTATABLE LIGHT FIXTURE*



*The Control Panel is designed specifically for your configured application and your specific light unit, which may have a different number of light panels. Specifications and features may vary from the description above. The features shown in the controller above are only a sample of over 122 available features. The Control Panels are designed to work with your specific version of Uriel Corporation's S.A.L.T.[™] LED Lighting Systems.

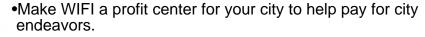
Uriel Corporation® Page 5 of 10

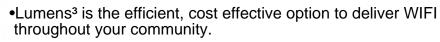
For more information on any of our products or services please visit us on the Web at:

Other Exclusive Lumens³ Features:

Lighting Systems Technology with WIFI, Cellular, Satellite, and other Communications Networks through Uriel's Exclusive Multichannel Networking Chip Sets.

> •Lighting-WIFI, Cellular, Satellite, and Other Communications Network Communications Capability for Entire City Sectors.

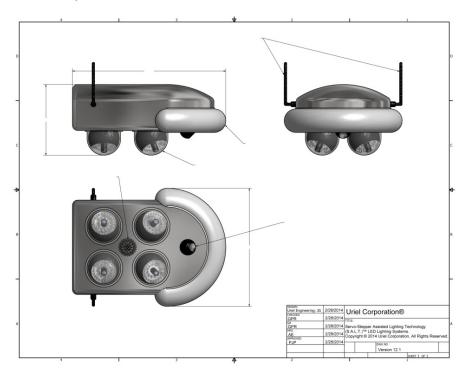




•Eventually every city will offer our advanced WIFI to its citizens.

(Your city can provide WIFI for free after installation or it can charge its citizens a monthly/annual fee to create a source of revenue that will more than pay for Lumens³ Lighting Systems.)

Various Configurations of Rotatable LED Light Panels are available Per Unit. (*Actual Enclosures / Lens Filters may have a different appearance.)







For more information on any of our products or services please visit us on the Web at:

Lumens³ LED SYSTEMS also have other exclusive patented features:

•Remote Control Light GPS/ID Location Triggering for First Responders.

- •Two-way Communication through: Password enabled remote devices given to emergency agencies.
- •Police Vehicle Communication through 2-Way Lighting Intercom Systems.
- •Lighting units include GPS/ID identification to assist first responders.
- •Public-City Communication through 2-Way Public Address Intercom Systems.
- •City Protection Grids; Traffic Congestion Rerouting Technology.
- •Environmental and hazard detection in emergencies.
- •Color changing, oscillation and flash capabilities when password triggered by emergency organizations for street lights and area lighting. These can be activated during weather, disaster or threat emergencies.
- •Yellow and red light warning capacity for school zones, public transportation areas during operating times.
- •Bus Driver, Taxi, Limousine, Street Parking Lot Lighting Interface, Yellow-Red or Other Color Alert Functionality when passengers might be boarding or departing from vehicles on land, at a designated stop, or by sea at docks, piers, ports or marinas.
- •Train arrival Light Situational Color Change. Change Train Boarding Areas to Yellow when Boarding Begins or Flashing Red when Boarding is about to end.
- •Street Light, and Parking Lot Light Systems in an entire City change to Yellow, Red, or to another Color Alert, if there is a Terrorist Threat, a Weather, Natural Disaster, or Other Threat; works in conjunction with City Siren Early Warning Systems.
- •Street Light, and Parking Lot Light Systems in an entire City or area change to Amber if there are Weather Conditions of Fog, Rain, Sleet, Snow, to increase visibility.





S.A.L.T.™



Servo-Stepper Assisted Lighting Technology (S.A.L.T.)TM LED Lighting Systems. Copyright © 2014, Uriel Corporation All Rights Reserved. www.urielcorporation.com

For more information on any of our products or services please visit us on the Web at:

PATENTED EXCLUSIVE (S.A.L.T.)[™] LED SYSTEMS further include:

•Rotation of Panels: Multiple rotational modes. Enhanced Component-Circuit-Failure Reporting Technology™; & Advanced Self-Maintenance-Mode Technology™: Components & Assemblies are monitored to alert users if a component or subsystem has failed or is about to fail and guides users to replace parts.

Intensity:

Multiple lumen ranges available;

Manual & Automatic brightness control also maintains system brightness at LED End of Life Cycle.

•Sensors:

Multiple emergency and alert sensors; Manual and automatic operational control capability.

Communication:

Audio, Video, & Data Bidirectional Communication; Password-enabled Communication.

•Next Generation LED Light Source Technology: Energy saving; Long Life LED time rated up to 130,000+ hours or ~30 years+; Reduced maintenance; Multiple power source capability; Programmable & manual operation.

•Auto-Switching Solar Powered/Battery Backup Option --- AC to DC Power Supply. Solar Powered Option (with battery energy storage); AC Charging on cloudy days.

•Thermal Shock Avoidance Technology™: Exclusive Patented Heating/Cooling Cycling Technology To Extend Operating Life

•Options:

Automatic & manual rotation modes; cameras; microphones; speakers; displays; sensor trigger array interface(s).





FURTHER EXCLUSIVE SYSTEMS:

VEHICULAR MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ LED SYSTEMS

INDOOR MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ LED SYSTEMS

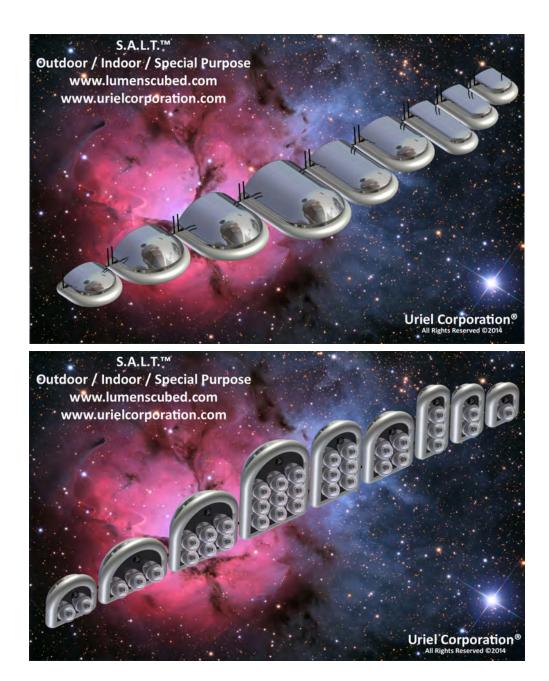
SPECIAL PURPOSE MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ LED SYSTEMS

EXCLUSIVE LIGHTING, SENSING, & MONITORING.

Lumens^a is a wholy owned Lighting and Sensing Marketing & Sales Subsidiary of Uriel Corporation.

L.E.D. is the New Standard in Lighting. Lumens³ is the New Standard in L.E.D.

SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)™ PRODUCT FAMILIES:*



*Also available with Black Powder Coating.



About Uriel Corporation.



Uriel Corporation was established as a R&D Engineering Think Tank in 1984. Uriel Corporation's PATENTED, EXCLUSIVE MULTI-SERVO / STEPPER ASSISTED LIGHTING TECHNOLOGY (S.A.L.T.)[™] LED SYSTEMS, THREAT MONITORING[™] and SENSOR MONITORING[™], and AREA SURVEILLANCE REPORTING[™] Sensor Technology Options are the result of many years of Research and Development and Engineering undertaken by Uriel Corporation focusing on providing the world's new standard in lighting.

The Uriel Corporation LUMENS³ (LUMENS CUBED) marketing division is a marketing extension of Uriel Corporation that markets and sells Uriel Corporation's PATENTED, EXCLUSIVE LED Multi-Servo/Stepper Assisted Lighting Technology (S.A.L.T.)[™] LED Systems.

Patents are Issued and Pending.

SERVICES AVAILABLE:

Technical Support Installation and Setup Maintenance Hardware Support Warranty

For fastest service please email all inquiries and purchase orders to: sales@urielcorporation.com.

Uriel Corporation Headquarters One Westbrook Corporate Center, Suite 300 Westchester, IL 60154-5709 1 (708) 598-7314, sales@urielcorporation.com

Parent Company: <u>www.urielcorporation.com</u> Lighting Systems Sales & Marketing Domains: <u>www.lumenscubed.com</u>, <u>www.lumens3.com</u>

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 Contact a Uriel Corporation Quotation Engineer today to assist you in developing your custom build-to-order LED Lighting System.

• For more information on any of our products or services please visit us on the Web at: www.lumenscubed.com