# **Automated Lighting Solutions**

### **Commercial / Industrial Automation**

Extremely easy to use, it is an effective means of saving electricity. The patented solution for large-scale energy reduction, the lamps installation is the backbone of a fully open wireless network that provides the user access to customize and monitor the connected electrical devices to create an additional 30% to 70% energy savings.

#### Why use interior automation?

Convert conventional lighting, with an active intelligent system that allows a company to reallocate energy to only the areas where it is required, at the mandatory light levels specified by management. This in turn reduces the monies spent on their electric bill; ultimately, allowing the company a competitive advantage by reducing their overhead and improving their bottom-line.

# **Street Light Automation**

SMART Wireless controls, monitoring each individual module and adaptable measurement tools for all lighting points. Additional reporting of line tensions, or activation timing and problematic alarms. This Wireless Intelligent Control System Monitors and measures each unique light, circuit, or city-wide network. Engineers, Technicians, Electricians and Public Services need:

- Increased energy savings
- Operating and maintenance costs reduced
- Remote access from anywhere with a 3G or Wifi Connection
- Prompy event notification alarms
- Extensive operational reports
- Hands on 24-hour management
- Strengthened security and confidence
- Seamless integration with any lighting system

#### Why use SMART outdoor automation?

When it comes to reducing energy consumption, quicker response times are achieved by adding automation, not only by changing the light source! For consumers looking to lower costs and reduce their impact on the environment, our system is an ideal platform for control, monitoring, active geolocation and measurement.



### **Additional Benefits**

- Extremely long lifetime
- 100% recyclable
- LED products use less than 1/3 the electricity of conventional lighting technologies
- No bulbs, ballasts or fluorescent tubes to exchange
- Resistant to shock, surge and vibration
- LEDs contain zero mercury, no disposal of hazardous materials required
- Minimize light pollution, and your carbon footprint
- Pleasant light color temperatures (Custom CCT from 3000 to 7000K)
- Turn On, Off and Restart without wait time because of warming or cooling intervals
- Easy adaptability to existing wiring

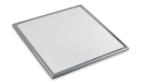
### No More Routine Maintenance

With LEDs, you will never change a light bulb or ballast. You will put an end to the complicated need to suspend production areas, and these associated costs. The burden of investment of replacement inventory is eliminated, and the disposal of hazardous materials (as with fluorescent and HID bulbs) is no longer needed. LED products are guaranteed to last for years. (See specific product warranties for details)



# **Commercial/Industrial LED Lighting**





6-72W LED Panel Light (IP68) 110 lm/W . 600-7,200 Lumens

50,000 Hr Exp. 10 Year Warranty





14-54W Recessed Downlight (IP55)

90 lm/W . 360-4,860 Lumens 50,000 Hr Exp . 10 Year Warranty





20-150W Explosion Proof (IP68)

130 lm/W . 2,600-26,000 Lumens 50,000 Hr Exp . 5 Year Warranty





45/70W Gas Station / Canopy Light (IP65)

110 lm/W . 4,950/7,700 Lumens 50,000 Hr Exp . 10 Year Warranty





#### 40-250 Low-Bay / Hi-Bay (IP55)

120 lm/W . 4,800-30,000 Lumens 50,000 Hr Exp. 7 Year Warranty





#### 20-200W Tri Proof (IP65)

120 lm/W . 2,400-24,000 Lumens 100,000 Hr Exp. 7 Year Warranty





### 50-300W Hi-Bay (IP55)

145 lm/W . 7,250-43,500 Lumens 100,000 Hr Exp. 7 Year Warranty

# **Exterior LED Lighitng Systems**





#### 40-120W Wall Pack (IP65)

115 lm/W . 4,480-14,400 Lumens 60,000 Hr Exp . 5 Year Warranty





20-1500W Tunnel / Stadium Lamp (IP66)

120 lm/W . 2,400-180,000 Lumens 50,000 Hr Exp . 5 Year Warranty





15-120W Colonial Lamp (IP66)

120 lm/W . 1,850-12,000 Lumens 60,000 Hr Exp. 7 Year Warranty





20-180W Roadway Light (IP66)

120 lm/W . 2,400-21,600 Lumens UL, DLC, NOM-031, PAESE, FIDE Certified 100,000 Hr Exp. 5 or 10 Year Warranty

# All-in-One Integrated Solar Lamp





6-120W Integrated Solar Lamp (IP65)

10-150W Solar Panel (Collection per hour) 4-78Ah Lithium-Ion Battery (LiFePO4) Up to 145 lm/W . 650-14,400 Lumens 3 or 5 Year Warranty



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