



# ***Outdoor Lighting Solutions***





# CONTROLS



## Outdoor LED Luminaires with Embedded Wireless Controls The Next New Normal

The long life and substantial energy savings provided by today's LED luminaires have transformed the marketplace over the last few years, making them the "new normal" for both new construction and renovation projects. The "next new normal" comes in the form of LED outdoor luminaires with embedded wireless networked controls.

### Energy Savings

While today's LED luminaires can provide energy savings of 70-85% when replacing HID luminaires, the low occupancy rates of outdoor spaces (especially in the late-night hours) provide a substantial opportunity to save even more. By investing as little as 15% more now, you can achieve over 50% energy savings over the expected 20-year lifespan of LED luminaires.

#### No Controls – A Missed Opportunity

LED luminaires at 100% from dusk-to-dawn, regardless of occupancy.

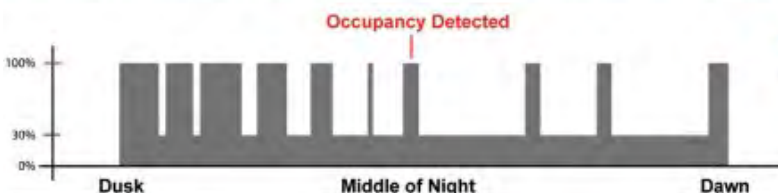


**\$106/year**  
(0% savings)\*



#### Non-Occupancy Dimming

Outdoor LED luminaires with embedded nLight® AIR wireless controls dim to a specified level when the space is unoccupied, saving substantial energy while providing sufficient illumination for safety and security. Integral motion sensors bring the luminaires to 100% output when occupancy is detected. This is ideal for the majority of commercial applications.

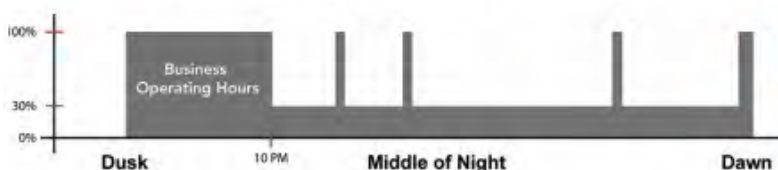


**\$53/year**  
(50% savings)\*



#### Scheduled Dimming with Motion Sensor Over-ride

Outdoor LED luminaires with embedded nLight Air wireless controls are scheduled to be at 100% during operating hours (regardless of occupancy) and dimming when the business is closed. Motion sensor over-ride brings the luminaires to full light output if occupancy is detected during the scheduled dim periods. This is ideal for retail applications.



**\$64/year**  
(40% savings)\*





## HUBBEL RATIO

Three Sizes:  
RAR1, RAR2, RAR3

3,000 — 48000 Lm

Mimics the Traditional Shoebox form factor

5 year limited warranty



## SIGNIFY AREA LIGHT

Two Sizes:  
AL70, AL150

7,609 — 21,572 Lm

Field Adjustable Wattage Selector (FAWS)

5 year limited warranty



## KEENE POST TOP

One Size:  
PT50

2,515 - 6,127 Lm

Field Adjustable Wattage Selector (FAWS)

5 year limited warranty



## LITHONIA ESX

One Size:  
ESX1

8,000 — 25,000 Lm

Reversible Arm Mounting

5 year limited warranty



## RAB HELIX

Two Sizes:  
HELIX1, HELIX2

13,739 - 44,572 Lm

Universal Mounting

5 year limited warranty



**FLOOD**

Castle Museum  
HISTORICAL SOCIETY OF SAGINAW COUNTY



### RAB FLS

Four Sizes:  
FL5S, FL6S, FL8S, FL9S

7,052 – 57,435 Lm

Lumen Adjustable Version

5 year limited warranty



### STONCO TF

Six Sizes:  
TF10, TF30, TF50, TF100,  
TF150, TF200

8,000 — 25,000 Lm

Discreet and Modern

5 year limited warranty



### HUBBELL RATIO

Four Sizes:  
RFL2, RFL3, RFL4, RFL5

3,103 - 30,106 Lm

Increased Visual Comfort

5 year limited warranty



### RAB FL

Three Size's:  
FL1, FL2, FL3

1,900 - 6,118 Lm

Compact and Economical

5 year limited warranty



### STONCO FL

One Size:  
ESX1

8,000 — 25,000 Lm

Reversible Arm Mounting

5 year limited warranty



### LITHONIA RSX

Two Sizes:  
HELIX1, HELIX2

13,739 - 44,572 Lm

Universal Mounting

5 year limited warranty

## WALLMOUNT / CEILING



### LITHONIA TWX

Three Sizes:  
TWX1, TWX2, TWX3

600 - 13,200 Lm

Field Adjustable \  
Slender Look

5 year limited warranty



### SIGNIFY WP

Two Sizes:  
WP60, WP100

7,380 — 13,600 Lm

Traditional Look  
Built-in Photocell

5 year limited warranty



### RAB VEKX

Three Sizes:  
VEKX1, VEKX2, VEKX3

4452 - 13,093 Lm

Adjustable Head  
Optional Dimming Sensor

5 year limited warranty



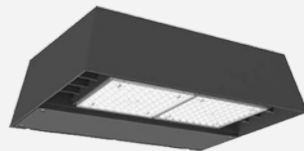
### RAB SQ/SQJ

Two Sizes:  
SQ, SQJ

4,948 - 9,548 Lm

Optional Dimming Sensor

5 year limited warranty



### HUBBEL RATIO

Two Sizes :  
RWL1, RWL2

1,000 — 19,500 Lm

Modern Design

5 year limited warranty



### RAB AWLS

Three Sizes:  
AWLS1, AWLS2

3,599 - 9.783 Lm

Lumen and Colour  
Selectable

5 year limited warranty



# HanleyLED



## 1

### Innovation

Better. Faster. Brighter. The LED industry is constantly evolving and HanleyLED is working to consistently provide a better solution for your customer. Our innovative history and extensive experience allow you to affordably tackle any new construction and retrofit application.



## 2

### Affordability

Our decades of experience with innovation and sourcing of high-quality raw materials, matched with our high-tech production methods, creates a recipe that allows us to provide you with the best pricing and lower labor costs, while still delivering Tier 1 quality products. No matter the scope of the project, you can find the right set of products at the right price.



## 3

### Quality

Premium quality backed by the industry's best warranty. Our 1 BIN POLICY guarantees you color consistency with every batch and 100% of our LEDs are tested over 39 times. We manufacture using only premium quality components.



## PN2-24

Channel letter modules are made of premium materials, high efficiency chips, and great heat dissipation for a longer, reliable life. Our channel letter modules are ideal for shallow, deep, and halo channel letter lighting.



## NRG BAR

Utilising the existing sockets in your cabinet sign you are able to retrofit from fluorescent to our New NRG BAR. Increasing energy savings, decreasing labor and maintenance, all while improving the look and feel of your sign overall!



## POWERSUPPLY

Power supply's have a water-proof rating of IP68, making it ideal for indoor and outdoor use in dry, damp, or wet locations. Not only do these power supply 's have an aluminum case for optimal heat distribution, they include over-current protection (OCP), over-temperature protection (OTP), over-voltage protection (OVP), and short-circuit protection (SCP).



## SAVING ENERGY IS ALWAYS A BRIGHT IDEA

Upgrade to new LED lighting UTILIZING Lightmng Contols while reducing maintenance costs, and cutting down on operational costs.

### OUR PROCESS AND PROCEDURE

#### Step 1 – Evaluation and Audit:

Our Lighting Specialist's will meet with your client group to understand your objectives and goals, your lighting requirements for user groups in each space and then audit existing lighting systems (wattages, voltage, lighting levels)



#### Step 2 – Education and Design:

Ideal Supply will provide a design process that allows for a level of explanation and education on various lighting systems. We believe in providing clients clarity in the design process to facilitate an understanding of LED fixture technology and control options. Our design team will provide computer generated interior and exterior lighting designs plans on reflected building and site drawings, so you can visual future results. This process will provide you an expectation for installed results. We can provide educational seminars to your management group and supply samples for review.



#### Step 3 – The Proposal:

This step takes the above design to a ROI stage. We will provide you all the details. What your current installed lighting systems is, current lighting levels and current energy load. The proposal will provide the approved design, fixture specs, the expected design light levels and cost. Our proposal will breakdown a Return on Investment based on your energy reduction load.

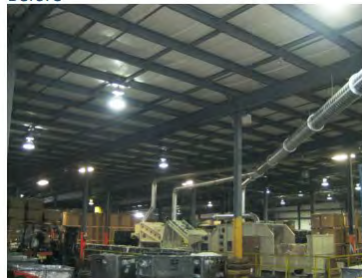
#### Step 4 – Implementation:

Once you are certain that our proposal meets all your requirements and goals, we can help with the submitted IESO retrofit Save on Energy Program paperwork to help you submit your retrofit for approval and receive the rebates available.

#### Step 5 – Installation:

We can provide you an option for a turnkey solution with a licenced and certified Electrical Contracting company.

Before



After



#### PROJECT SUMMARY

	Existing	After Retrofit
Number of Fixtures	93	53
Lighting System Energy Consumption	28,635 kWh	8,540 kWh

#### ANNUAL SAVING SUMMARY

(Energy Rate \$0.1800 /kWh)

Energy Reduction	Energy Savings	Maintenance Savings	Carbon Savings
<b>20,095 kWh REDUCED</b>	<b>\$3,617 SAVED</b>	<b>\$505 SAVED</b>	<b>14,183 kgCO2e GASES REDUCED</b>

#### FINANCIAL SUMMARY

(10 Year Analysis Period)

Project Cost	\$6,289
Tax	\$818
Less Rebates and Incentives	\$(3,120)
<b>Net Project Cost</b>	<b>\$3,987</b>



**PAYBACK**  
**1.10**



**ROI**  
**103.38%**



**NPV**  
**\$27,365**



**IRR**  
**163.04%**

#### COST OF WAITING

Postpone for one month	\$344
Postpone for six months	\$2,061
Postpone for one year	\$4,122

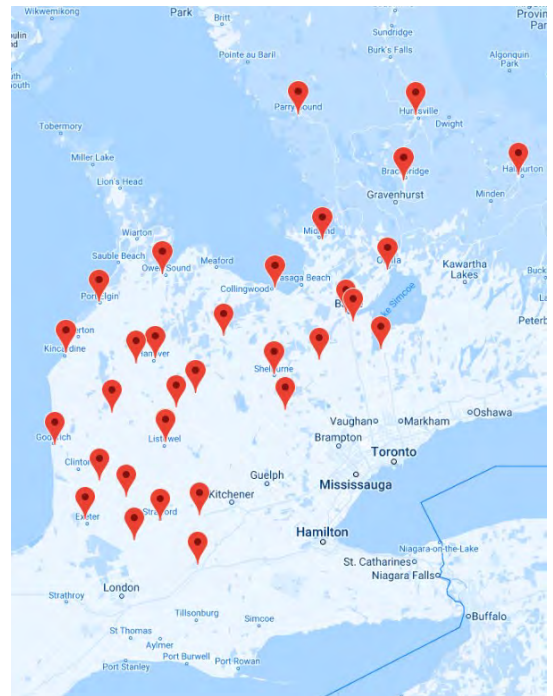
## Branch Locations

Alliston  
Barrie  
Barrie South  
Bracebridge  
Collingwood  
Exeter  
Flesherton  
Goderich  
Haliburton  
Hanover  
Harriston  
Huntsville  
Keswick  
Kincardine  
Listowel  
Listowel (Head Office)  
Midland  
Mitchell  
Mount Forest  
New Hamburg  
Orangeville  
Orillia  
Owen Sound  
Parry Sound  
Port Elgin  
Seaforth  
Shelburne  
St Marys  
Stratford  
Walkerton  
Wingham  
Woodstock

## Outdoor Lighting Solutions

Tel: 519-291-1060  
Email: [Lighting@idealsupply.com](mailto:Lighting@idealsupply.com)  
Website: [www.idealsupply.com](http://www.idealsupply.com)

At Ideal Supply we also offer a wide range of competitively priced, state-of-the-art electrical products to the industrial, commercial and residential, construction markets, including the data communications and home automation sectors. Manufacturers and government institutions also rely on Ideal Supply for the latest in industrial products, services, supply agreements and training – all of which help our customers reduce costs and improve productivity. In addition, we offer top-quality automation products, focusing on complete automation solutions backed by both marketing and technical support.



## Why should you consider LED Retrofits

**Ideal Supply can help you achieve the following dramatic benefits without costly infrastructure changes.**

- Reduce your hydro usage on lighting by up to 70%
- Reduce long term maintenance cost
- Save on labour cost
- Improve worker satisfaction and productivity
- Improve light levels and productivity
- Improve facility safety
- Install lighting control systems
- Become dark sky friendly on your site
- Reduce your carbon footprint and provide corporate stewardship
- To improve the environment for patient or resident