

WHAT SHOULD YOUR LIGHTING  
DO FOR YOU?



## Your lighting should do what LED lighting does naturally.

- Save you energy costs.
- Save you costly maintenance time.
- Provide you optimum functionality and appearance.
- Pay you back for your lighting investment.
- Help you contribute to the protection of our environment.

Consider switching to LED. The facts are real.

### LED EFFICIENCY = ENERGY COST SAVINGS

LEDs can reduce lighting energy costs by more than 80% over incandescent lighting, and more than 50% over fluorescent lights without sacrificing functionality or aesthetics.

- LEDs emit more light per watt than incandescent light bulbs or fluorescent bulbs. LED's now offer up to 90 – 100 lumens/watt. Lower wattage means reduced energy consumption, but no visual compromises.
- LEDs illuminate faster and are ideal for frequent on-off cycling, unlike fluorescents that take time to “warm up” and fail faster when cycled often.
- LED's offer additional savings in air conditioned environments, because LED lights generate very little unwanted heat. In contrast, each watt of incandescent lighting can add another watt or more to the power needed for air conditioning.



### LED LIFESPAN = NO MAINTENANCE

- LED bulbs can last for 50,000 hours or more. That's 10 years or more! On average incandescent bulbs have an expected lifespan of only 2,000 hours, a fluorescent's lifespan is 5,000 hours. And, LED lights operate maintenance free over their lifetime and do not require ballast change outs.

### LED INVESTMENT = ROI PAYBACK

- LED projects offer a return on your investment. Unlike traditional lighting/bulb expenditures, LED's pay you back in savings within one to three years. They continue to deliver returns on your investment through energy cost savings and elimination of relamping during their extend life.

### LED ENVIRONMENTALLY SAFE = WISE AND SUSTAINABLE

- A building's carbon footprint can be reduced substantially just by retrofitting with new LEDs. CO2 emissions can be reduced by more than 50%. Fossil fuels that would have been burned to produce electricity will save 2.2 kg of CO2 emission per watt of electricity saved from LED implementation.
- LEDs do not contain mercury. LED breakage does not threaten people, landfill or ground water with the risks of mercury exposure or contamination. They emit no infrared or ultraviolet radiation; and because of their extremely long lifespan, LED greatly reduce disposal waste.
- Legislation is leading the way to LED. Environmental awareness and emission reductions are a global concern for our future. The Energy Independence Act of 2007 calls for the elimination of inefficient lighting products by 2014. Replacement products must be 28% more efficient than the 2007 level of incandescent technology.

## WHAT USA LED CAN DO FOR YOU

We all agree that technologies like LED lighting are at the leading edge of a global transition to a more sustainable way of life, but as a practical business person, we know your first concern is your bottom line.



Our existing customers were convinced of the bottom line value of LED when we showed them evidence that transitioning to LED lighting delivers a foreseeable and quantifiable return on investment in the first one to three years. After that, they continue to benefit from monthly savings in reduced energy costs and maintenance relief. The fact that they also made an environmentally friendly choice is yet another wonderful and even marketable bonus.

To help you understand the value to your bottom line, USA LED will provide you with a free, no obligation lighting audit, complete with a financial payback analysis including:

- Recommendations for energy efficient lighting replacements.
- Energy savings and relamping savings.
- A quotation for fully retrofitting your facilities lighting.

### Additional services

- Assist you in acquiring financing such that the monthly loan payment is lower than the monthly LED savings. Your investment can be cash flow positive from day 1.
- File for any applicable, eligible rebates with the local power company.
- Deliver and if desired, provide full installation services for all energy efficient lighting.



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All products we sell are covered by a 3-year warranty.  
There's no obligation to find out how much you can save.

**Call us today. 855-533-1212**

# OFFICE SOLUTIONS



Lit with 17W 4ft Tube

### PROJECT SAVINGS

**\$6,835/year on a 10,000 sq. ft. office building.**

**PAYBACK = 3.3 Years**

Direct replacements are available for standard fluorescent tube lights and recessed light fixtures that offer lighting power densities of 0.5 and illumination levels of 30 – 40 FC on desk surfaces.

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**USA LED**  
LIGHTING SOLUTIONS



LIGHTING SOLUTION #1:  
**YOUR WORK SHINES**

**PROJECT SAVINGS**  
**\$1,549/year on 300 sq. ft. of prime retail counter space.**  
**PAYBACK = 2.4 years**

Proper illumination of products in a retail store is critical to ensure the customers buying experience is most favorable. Diamonds must appear clear and white, while tomato's must appear red and fresh while LED lighting is ideal to provide the desired lighting effects for retail products due to the ability to custom order the required color temperature of light.



Lit with 5W MR16



LIGHTING SOLUTION #2:  
**YOUR DISPLAYS ARE INVITING**



# RESTAURANT SOLUTIONS



Lit with A19-8W & RW30 Bulb



**PROJECT SAVINGS**  
\$968/year on 1,000 sq. ft.  
of dining and kitchen space.

**PAYBACK = 3.6 Years**

Lighting is critical to establishing the required atmosphere in a restaurant from romantic and warm to bright and fresh.

LED's offer options for all settings including dimming capability.

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LIGHTING SOLUTIONS



LIGHTING SOLUTION #3:  
**YOUR FOOD ENTICES**

# ACCENT SOLUTIONS



Lit with 5W MR16

**PROJECT SAVINGS**  
**\$1,316/year on 400 sq. ft. of track lighting space.**  
**PAYBACK = 1.0 Years**

LED lighting offers the ability to highlight specific objects with intensity and color that enhances the appearance of the object. Strip lighting and spot lighting are available.



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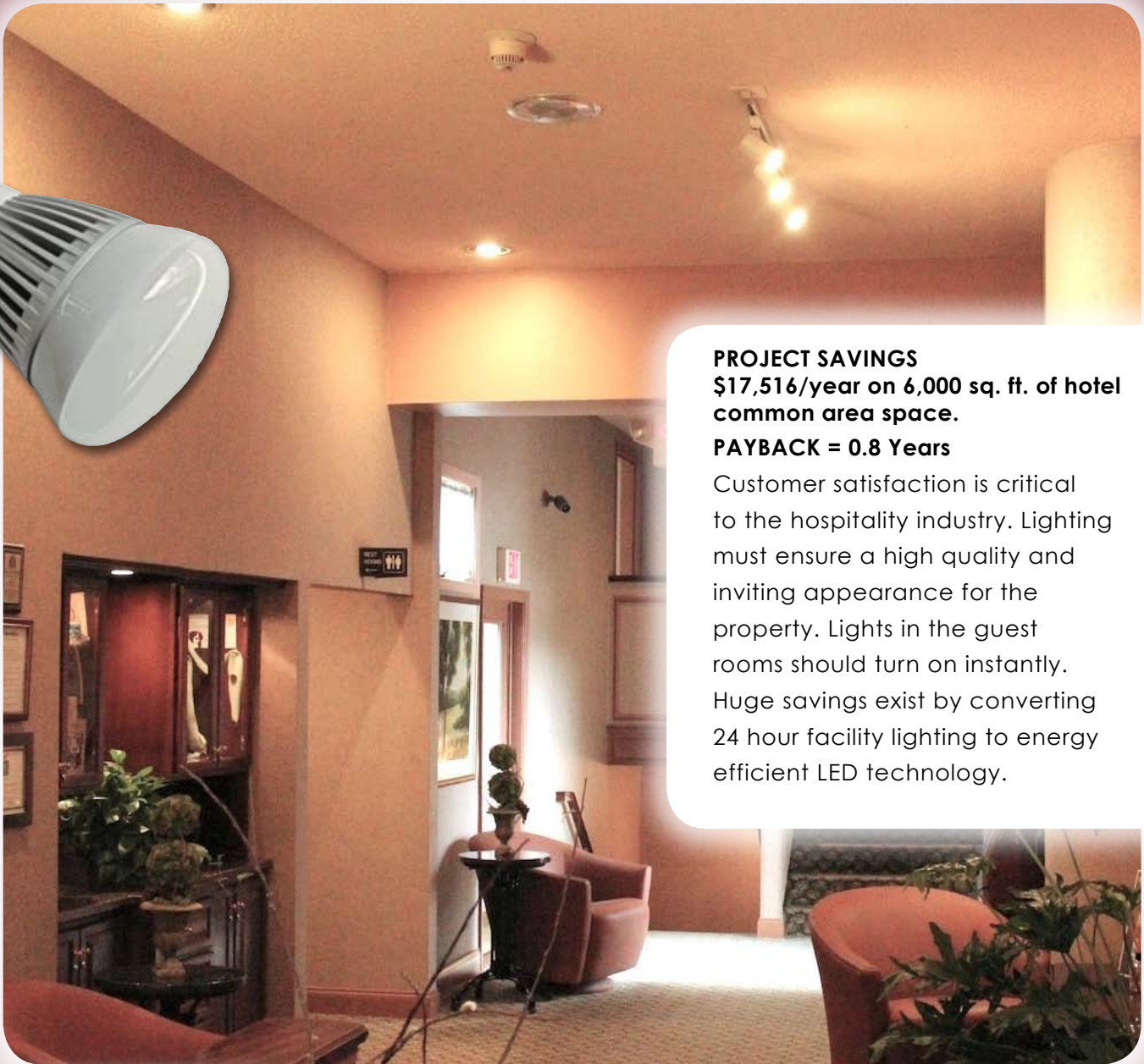
**LIGHTING SOLUTION #4:  
YOUR DETAILS POP**



# HOTEL SOLUTIONS



Lit with RW30 Bulb



## PROJECT SAVINGS

**\$17,516/year on 6,000 sq. ft. of hotel common area space.**

**PAYBACK = 0.8 Years**

Customer satisfaction is critical to the hospitality industry. Lighting must ensure a high quality and inviting appearance for the property. Lights in the guest rooms should turn on instantly. Huge savings exist by converting 24 hour facility lighting to energy efficient LED technology.

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**USA LED**  
LIGHTING SOLUTIONS



LIGHTING SOLUTION #6:  
**YOUR CUSTOMERS ARE HAPPY**

# INDUSTRIAL SOLUTIONS

## PROJECT SAVINGS

**\$98,373/year on 65,000 sq. ft. of manufacturing space.**

**PAYBACK = 0.9 Years**

Proper lighting for manufacturing is critical to ensure personnel can properly operate equipment and observe necessary quality control measures in an efficient safe environment. Large areas are illuminated for long periods of time, typically 12 – 24 hours per day 7 days per week. High bay lighting is traditionally using metal halide technology or fluorescent tubes. 50% energy savings can be enjoyed by retrofitting with either LED tubes or induction high bay lights.



Lit with 200W Induction Highbay



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**LIGHTING SOLUTION #7:  
YOUR PRODUCTION IS ENABLED  
TO BE DEFECT FREE**



# OUTDOOR SOLUTIONS



Lit with the ST-PK bulb & the NT bulb



**PROJECT SAVINGS**  
**\$15,047/year on 110 street light poles.**

**PAYBACK = 3.0 Years**

Outdoor Lighting for outdoors operates 12 hours per day and is required to provide sufficient illumination for safe movement of vehicles and pedestrians. Typical illumination levels are required to be 0.5 – 1.0 FC. LED and Induction lighting offer 50% savings compared to traditional metal halide or HPS fixtures.

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LIGHTING SOLUTION #8:  
**YOUR TOWN IS SAFE**

# FACILITY SOLUTIONS



Lit with 17W 4ft Tube

## PROJECT SAVINGS

**\$37,341/year on 50,000 sq. ft. of 24 hour common area space.**

**PAYBACK = 1.9 Years**

Lighting in general facility areas such as stairwells, boiler rooms, restaurant kitchens, elevators, and hallways are often neglected. They are typically operated 12 - 24 hours per day and offer excellent opportunities for replacement with LED technology for substantial energy savings.



LIGHTING SOLUTION #9:  
**YOUR FACILITY SAVES MONEY**  
EVEN WITH THE LIGHTS ON 24/7



# RESIDENTIAL SOLUTIONS



Lit with RW30 Bulb



## PROJECT SAVINGS

**\$2,533/year on 2,950 sq. ft. of residential home space.**

**PAYBACK = 2.4 Years**

Retrofitting lighting in a home with LED lights is easy. LED lights screw into the same sockets as traditional incandescent and CFL bulbs. LED options are available for the kitchen, family room, living room, dining rooms, bedrooms, basements, outdoor lanterns, flood lights, and landscape lights. Options are available for recessed lights, track lights, tube lights, table lamps, under cabinet lights, chandeliers, pendants, and more. Various color temperatures are available to set the correct atmosphere.

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**USA LED**  
LIGHTING SOLUTIONS



**LIGHTING SOLUTION #5:  
YOUR HOME IS COMFORTABLE**

# PRODUCT SOLUTIONS



EXCEPTIONAL LIGHTING SOLUTIONS  
WITH EXTRAORDINARY SAVINGS

## PAR LAMPS

PAR lamps are available in various beam angles to provide the appropriate lighting distribution required for each application. PAR lamps are available in both warm white and natural white color temperatures of 2700K, 3000K, and 4000K. Various products are available at 9W, 12W, 15W, and 18W and offer dimming capability.



### PAR30-9W

<b>MODEL #</b>	TB-PAR30-01-9W
<b>POWER</b>	9W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	480 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	CREE
<b>CRI</b>	>80
<b>POWER FACTOR</b>	>0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	Up to 50,000 hrs



### PAR38-15W

<b>MODEL #</b>	TB-PAR38-01-15W
<b>POWER</b>	15W
<b>VOLTAGE</b>	100 - 277 VAC
<b>DIMMABLE</b>	No
<b>LIGHT OUTPUT</b>	700 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	CREE
<b>CRI</b>	>80
<b>POWER FACTOR</b>	>0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	Up to 50,000 hrs



### PAR38-12W

<b>MODEL #</b>	TB-PAR38-01-12W
<b>POWER</b>	12W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	600 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	CREE
<b>CRI</b>	>80
<b>POWER FACTOR</b>	>0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	Up to 50,000 hrs

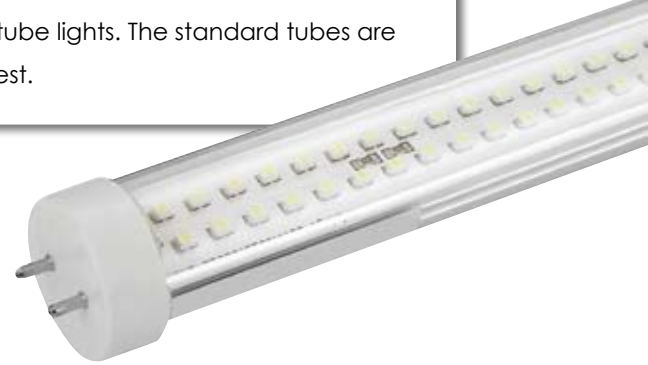


### PAR38-18W

<b>MODEL #</b>	LS-DFN-PAR38-18W
<b>POWER</b>	18W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	900 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	Bridgelux
<b>CRI</b>	>85
<b>POWER FACTOR</b>	>0.85
<b>CERTIFICATIONS</b>	UL, RoHS, Energy Star
<b>USEFUL LIFE</b>	Up to 50,000 hrs

## T8 LED TUBE LIGHTS

T8 LED tube lights are available in 2 ft. - 8 ft. lengths and are capable to replace traditional fluorescent tubes. The fluorescent ballast and starter must be removed or by-passed and line voltage connected to fixture sockets. Neutral to one side and power to the other. The T8 LED tube lights have the same pin size as traditional T8 or T12 fluorescent tube lights. The standard tubes are non-dimmable however a dimming option is available on request.



	<b>T8-2ft</b>	<b>T8-3ft</b>	<b>T8-4ft</b>	<b>T8-5ft</b>
<b>MODEL #</b>	TB-T8-01-8W	TB-T8-01-12W	TB-T8-01-17W	TB-T8-01-19W
<b>POWER</b>	8W	12W	17W	19W
<b>VOLTAGE</b>	100 - 277 VAC	100 - 277 VAC	100 - 277 VAC	100 - 277 VAC
<b>DIMMABLE</b>	No	No	No	No
<b>LIGHT OUTPUT</b>	800 Lumens	1200 Lumens	1600 Lumens	2000 Lumens
<b>COLOR TEMPERATURE</b>	WW or NW	WW or NW	WW or NW	WW or NW
<b>LED CHIPS</b>	Epistar	Epistar	Epistar	Epistar
<b>CRI</b>	>80	>80	>80	>80
<b>POWER FACTOR</b>	>0.85	>0.85	>0.85	>0.85
<b>CERTIFICATIONS</b>	UL, RoHS	UL, RoHS	UL, RoHS	UL, RoHS
<b>USEFUL LIFE</b>	Up to 50,000 hrs	Up to 50,000 hrs	Up to 50,000 hrs	Up to 50,000 hrs

	<b>T8-6 ft.</b>	<b>T8-8 ft.</b>	<b>T8-Utube</b>
<b>MODEL #</b>	TB-T8-01-22W	TB-T8-01-32W	TB-Utube-01
<b>POWER</b>	22W	32W	18W
<b>VOLTAGE</b>	100 - 277 VAC	100 - 277 VAC	100 - 277 VAC
<b>DIMMABLE</b>	No	No	No
<b>LIGHT OUTPUT</b>	2400 Lumens	3200 Lumens	1600 Lumens
<b>COLOR TEMPERATURE</b>	WW or NW	WW or NW	WW or NW
<b>LED CHIPS</b>	Epistar	Epistar	Epistar
<b>CRI</b>	>80	>80	>80
<b>POWER FACTOR</b>	>0.85	>0.85	>0.85
<b>CERTIFICATIONS</b>	UL, RoHS	UL, RoHS	UL, RoHS
<b>USEFUL LIFE</b>	Up to 50,000 hrs	Up to 50,000 hrs	Up to 50,000 hrs

## FLOOD LIGHTS

R20 and R30 LED lights offer fantastic solutions for indoor flood light replacements. The light quality is diffused and offers a glare free illumination distribution of 120 degrees. These lights are dimmable and are offered in both warm white and natural white color temperatures. An IP65 rated bulb is available for outdoor wet applications.



### R20

<b>MODEL #</b>	<b>WJ-R20-01-6W</b>
<b>POWER</b>	<b>6W</b>
<b>VOLTAGE</b>	<b>120VAC</b>
<b>DIMMABLE</b>	<b>Yes</b>
<b>LIGHT OUTPUT</b>	<b>380 Lumen</b>
<b>COLOR TEMPERATURE</b>	<b>WW or NW</b>
<b>LED CHIPS</b>	<b>CREE</b>
<b>CRI</b>	<b>80</b>
<b>POWER FACTOR</b>	<b>0.80</b>
<b>CERTIFICATIONS</b>	<b>UL, RoHS</b>
<b>USEFUL LIFE</b>	<b>Up to 50,000 hrs</b>



### R30

<b>MODEL #</b>	<b>WJ-R30-01-9W</b>
<b>POWER</b>	<b>9W</b>
<b>VOLTAGE</b>	<b>120VAC</b>
<b>DIMMABLE</b>	<b>Yes</b>
<b>LIGHT OUTPUT</b>	<b>500 Lumen</b>
<b>COLOR TEMPERATURE</b>	<b>WW or NW</b>
<b>LED CHIPS</b>	<b>CREE</b>
<b>CRI</b>	<b>80</b>
<b>POWER FACTOR</b>	<b>0.80</b>
<b>CERTIFICATIONS</b>	<b>UL, RoHS</b>
<b>USEFUL LIFE</b>	<b>Up to 50,000 hrs</b>



### PAR38 Flood

<b>MODEL #</b>	<b>QH-PAR38-01-9W</b>
<b>POWER</b>	<b>9W</b>
<b>VOLTAGE</b>	<b>100 - 277VAC</b>
<b>DIMMABLE</b>	<b>No</b>
<b>LIGHT OUTPUT</b>	<b>700 Lumen</b>
<b>COLOR TEMPERATURE</b>	<b>NW</b>
<b>LED CHIPS</b>	<b>Epistar</b>
<b>CRI</b>	<b>80</b>
<b>POWER FACTOR</b>	<b>0.80</b>
<b>CERTIFICATIONS</b>	<b>ETL, RoHS</b>
<b>USEFUL LIFE</b>	<b>Up to 50,000 hrs</b>

## LED BULBS

A variety of LED bulbs are available for chandeliers, lanterns, table lamps, dome lights, and pendants. Color temperatures are available in warm white and natural white.

Our bulbs are dimmable.



### Candelabra

<b>MODEL #</b>	RL-CL-01-3W
<b>POWER</b>	3W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	180 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	Epistar
<b>CRI</b>	80
<b>POWER FACTOR</b>	0.80
<b>CERTIFICATIONS</b>	ETL, RoHS
<b>USEFUL LIFE</b>	50,000 hrs



### Bathroom

<b>MODEL #</b>	SP-G60-01-3W
<b>POWER</b>	3W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	No
<b>LIGHT OUTPUT</b>	220 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	Epistar
<b>CRI</b>	80
<b>POWER FACTOR</b>	0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	50,000 hrs



### Lamps

<b>MODEL #</b>	TB-A19-01-6W
<b>POWER</b>	6W
<b>VOLTAGE</b>	120VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	300 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	Epistar
<b>CRI</b>	80
<b>POWER FACTOR</b>	0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	50,000 hrs



### Facility

<b>MODEL #</b>	TB-P60-01-8W
<b>POWER</b>	8W
<b>VOLTAGE</b>	100 - 277 VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	500 Lumen
<b>COLOR TEMPERATURE</b>	WW or NW
<b>LED CHIPS</b>	Epistar
<b>CRI</b>	80
<b>POWER FACTOR</b>	0.80
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	50,000 hrs

## STRIP LIGHTS

USA LED offers a variety of LED strip lights for any application. Flexible and rigid LED lights for indoor and out applications are available. USA LED lights are a perfect fit for under cabinet kitchen lights, high CRI display lights, jewelry case lights, and grocery store freezer cases.



### Flexible Strip

<b>MODEL #</b>	RC-FLEX-300mm
<b>POWER</b>	3.7W
<b>VOLTAGE</b>	12VDC
<b>DIMMABLE</b>	No
<b>LIGHT OUTPUT</b>	150 Lumen
<b>COLOR TEMPERATURE</b>	WW NW
<b>LED CHIPS</b>	Epistar
<b>CRI</b>	70
<b>POWER FACTOR</b>	90
<b>CERTIFICATIONS</b>	RoHS
<b>USEFUL LIFE</b>	50,000 hrs

### Rigid Strip

<b>MODEL #</b>	RC-Cabi-01-4W
<b>POWER</b>	4W
<b>VOLTAGE</b>	24VDC
<b>DIMMABLE</b>	No
<b>LIGHT OUTPUT</b>	200 Lumen
<b>COLOR TEMPERATURE</b>	WW NW
<b>LED CHIPS</b>	CREE
<b>CRI</b>	90
<b>POWER FACTOR</b>	90
<b>CERTIFICATIONS</b>	RoHS
<b>USEFUL LIFE</b>	50,000 hrs

### Freezer Case

<b>MODEL #</b>	OS-FZR-01-26W
<b>POWER</b>	26W
<b>VOLTAGE</b>	100 - 277VAC
<b>DIMMABLE</b>	Yes
<b>LIGHT OUTPUT</b>	1,040
<b>COLOR TEMPERATURE</b>	Lumen 5000K
<b>LED CHIPS</b>	Nichia
<b>CRI</b>	70
<b>POWER FACTOR</b>	90
<b>CERTIFICATIONS</b>	UL, RoHS
<b>USEFUL LIFE</b>	50,000 hrs



## OUTDOOR LIGHTING

USA LED's outdoor LED lights are IP67 rated and offer individual heat sinks around each LED. This technology is unique and offers a 70,000 hour useful life. LED's are selected to provide a fixture efficacy of 95 lumen/watt. The highest in the market today. The LED's can be packaged in a variety of distributions (Type I, II, III, IV, or V) for area lights, parking lot lights, parking garage lights, street lights, canopy lights, and tunnel lights. Our recommended color temperature is 5000K. The lights can be package in formats for wall paks, rectangles, or cobra head shapes and have adapters, square pole mounts, round pole mounts, U brackets, and canopy mounts.



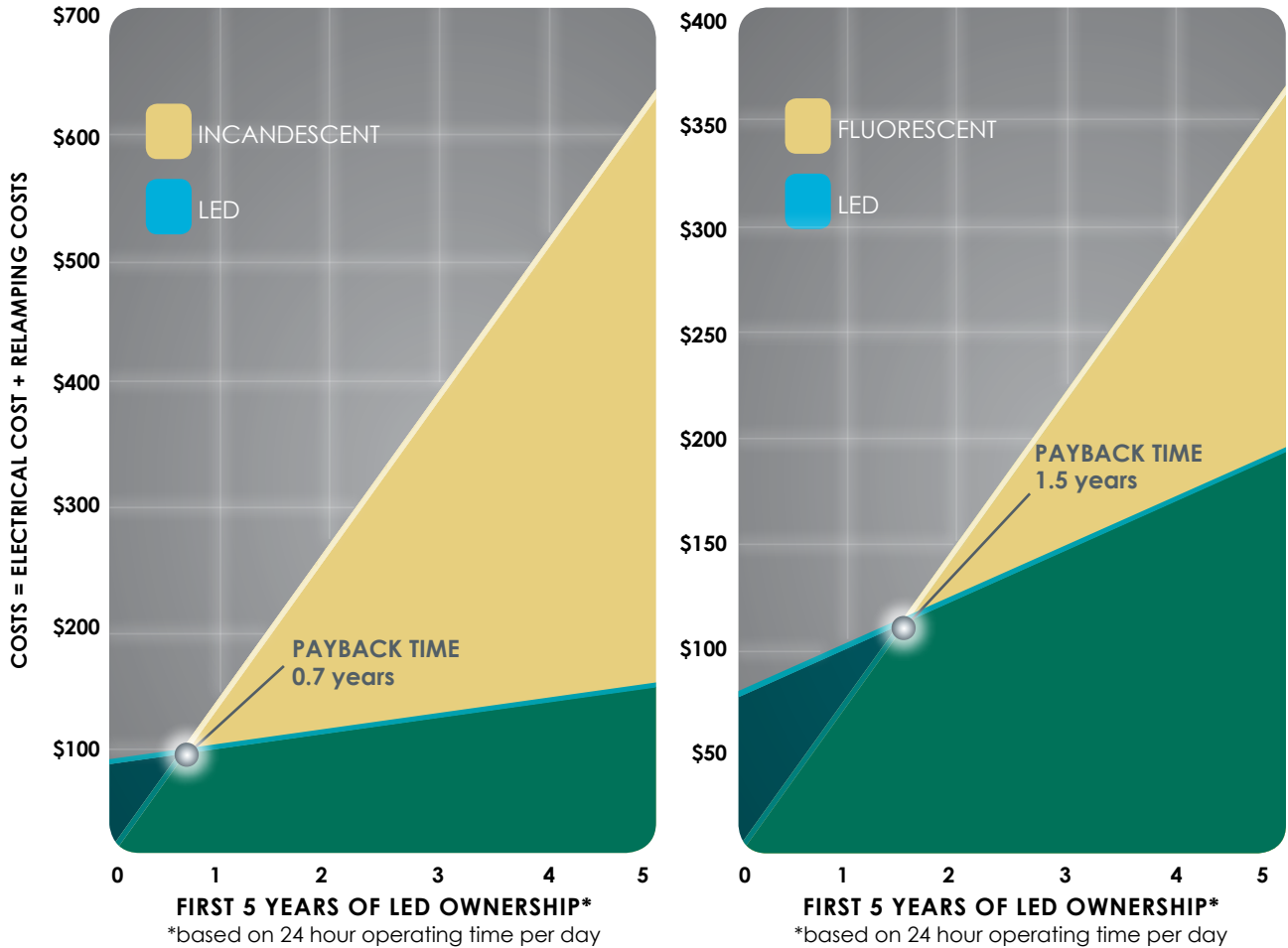
	<b>C0820-40</b>	<b>C0820-60</b>	<b>C0820-80</b>	<b>C0820-100</b>
<b>MODEL #</b>	C0820-40	C0820-60	C0820-80	C0820-100
<b>POWER</b>	40W	60W	80W	100W
<b>VOLTAGE</b>	100-277	100-277	100-277	100-277
<b>LIGHT OUTPUT</b>	3800	5700	7600	9500
<b>COLOR TEMPERATURE</b>	5000k	5000K	5000K	5000K
<b>CRI</b>	80	80	80	80
<b>POWER FACTOR</b>	0.85	0.85	0.85	0.85
<b>CERTIFICATIONS</b>	UL, DLC	UL, DLC	UL, DLC	UL, DLC
<b>USEFUL LIFE</b>	70,000 hrs	70,000 hrs	70,000 hrs	70,000 hrs

	<b>C0820-120</b>	<b>C08020-150</b>	<b>C0820-200</b>	<b>C0820-240</b>
<b>MODEL #</b>	C0820-120	C08020-150	C0820-200	C0820-240
<b>POWER</b>	120W	150W	200W	240W
<b>VOLTAGE</b>	100-277	100 - 277	100-277	100-277
<b>LIGHT OUTPUT</b>	11,400	14,250	19,000	22,800
<b>COLOR TEMPERATURE</b>	5000K	5000K	5000K	5000K
<b>CRI</b>	80	80	80	80
<b>POWER FACTOR</b>	0.85	0.85	0.85	0.85
<b>CERTIFICATIONS</b>	UL, DLC	UL, DLC	UL, DLC	UL, DLC
<b>USEFUL LIFE</b>	70,000 hrs	70,000 hrs	70,000 hrs	70,000 hrs

## Accumulated Cost of Ownership

LED lighting technology offers the lowest cost of ownership over time compared to Incandescent and fluorescent lighting. While the initial cost of the LED fixtures is higher, the operating costs are substantially lower due to the lower energy consumption and lower relamping costs during use. The yellow regions in the figures below represent the savings the LED owner enjoys versus Incandescent or fluorescent lighting.



Request a FREE lighting audit of your facility and receive a comprehensive quotation and payback analysis summarizing the cost of the LED installation and your projects estimated annual savings. With the conversion to USA LED lights, your decision will make a significant contribution to the profit of your business, provide maintenance free lighting for years to come, provide optimum functionality and appearance, pay for the investment within 1-3 years, and as an added benefit you will be contributing to the protection of our environment. **Now is the time to go LED!**



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