

Who We Are

LED Industrial Group (LEDIG) is an energy efficiency solutions market leader with a focus on high quality LED (light emitting diodes) lighting. LED lighting technology has made remarkable advances and there is an application for just about every need. We work with our customers to substantially reduce their energy utility bill while enhancing their facility with LED lights, related energy efficiency products and even custom designed products to meet their individual needs. With in-house lighting illumination experts and engineers, and unlimited resources through exclusive partnerships with leading LED lighting manufacturers LED Industrial Group is capable of providing a complete solution regardless of the size and difficulty of the job.

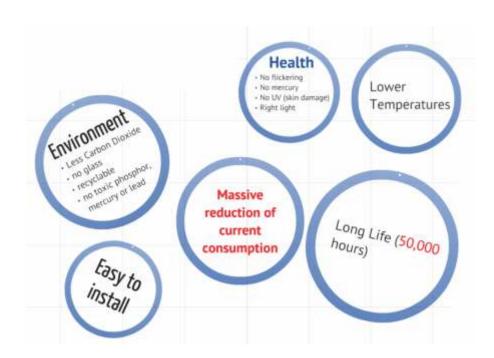
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LightDec LED Advantages

- Brighter and better lighting with significant reduction of current energy consumption equals big savings
- Reduced maintenance costs with long lasting LEDs
- LED lighting saves on airconditioning and refrigeration cost
- German and Swiss engineered top of the line products
- Newest technology allows easy installation
- Usage highest quality, patented LED's only from leading suppliers

- Considerable less CO₂, no glass, recyclable, no toxic phosphor, mercury or lead
- No flickering, no problems with cold starting
- Studies identify many health benefits garnered by replacement of fluorescent lights with LEDs
- · Available in multiple colors
- LEDs are extremely durable
- · LEDs do not attract insects
- LEDs do not emit harmful ultra violet light
- Guaranteed replacement at no cost to the customer



Selected Clients

HOSPITALITY

- Epic Hotel a Kimpton Hotel
- · Hotel Steigenberger, Frankfurt ·
- Ritz Carlton
- Marguis, Miami
- Mercure Hotel, Saarbrücken
- Bimini Bay, Bahamas

RESTAURANTS

- SUBWAY
- McDonald's
- iHop
- Kelly's Cajun Grill
- Yeung's Lotus Express
- Chicken Connection
- Sergio's Restaurant & Office

RETAIL & GROCERY

- Future Designs
- · City Electric Supply
- Westland Mall
- Dolphin Mall
- Tropical Meat and Fish
- SEARS
- Cristian Jewelry

AIRPORTS

- Airport Cologne/Bonn
- Airport Munich
- · Turks and Caicos airport

MEDICAL

- · Ivoclar Vivadent, Schaan
- Surgery Specialty Hospitals of America
- Hackensack University Medical Center

GAS STATIONS

- BP/Aral
- Exxel Petroleum
- Liberty Gas
- OMV (Austria)
- Petronas (Philippines)

CITY & LOCAL GOVERNMENTS

- City of Hialeah
- Montgomery County Maryland
- Jacksonville Transport Authority
- Miami Dade Transport

OTHER

- Florida International University
- Schumacher & Buick Car Dealer
- · Suncrest Townhomes
- United Franchise Group
- Parrot Cay





United Franchise Group

LED Industrial Lighting



EXXEL Petroleum

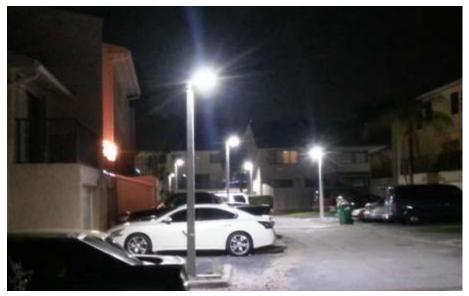


Goodwill Industries

LED Commercial Lighting



Providenciales Airport



Suncrest Townhomes

LED Public Lighting



Hackensack University Medical Center



EPIC Hotel

LED Residential Lighting



Parrot Cay



Subway Restaurant

LED Retail and Gastronomy Lighting



Cristian Jewelry



Florida International University

LED Other Lighting



Parking Garage

Comparison To Other Lighting Products

		Compact	
Comparison	Incandescent	Fluorescent	LED
450 lumen	40W	11W	5W
800 lumen	60W	14W	7W
1100 lumen	75W	22W	11W
1600 lumen	100W	28W	18W
2600 lumen	150W	40W	26W

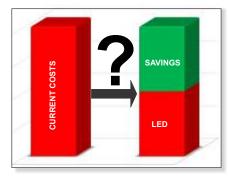
Energy Efficiency		Compact	
& Energy Costs	Incandescent	Fluorescent	LED
Life Span (70)	1,200 Hours	8,000 hours	50,000 hours
Watts of electricity used (equivalent to a 60W incandescent bulb)	60W	14W	6W
Electricity per year	3285KW	767KW	329KW
Electricity costs per year	\$427.00	\$99.00	\$43.00

		Compact	
Important Facts	Incandescent	Fluorescent	LED
Sensitive to low temperatures	Some	Yes	No
Sensitive to humidity	Some	Yes	No
Turns on instantly	Yes	No	Yes
Heat emitted	85 btu's/hour	30 btu's/hour	3 btu's/hour
Contains Toxic Mercury	No	Yes	No
RoHS Compliant	Yes	No	Yes
Carbon Dioxide Emission	4500 lbs/year	1051 lbs/year	451 lbs/year

Comparison	HPS	Metal Halide	LED	
Power consumption (same				
brightness)	175W	150W	20W	
Life time (hours)	12,000	9,000	50,000	
Colors	Bright white	Bright white Orange		
Heat genration	400F	400F	40F	
Luminous Efficacy (lm/W)	100	60	140	
Mercury content	30mg	30mg	0mg	
Glare	Lots after glare	Lots after glare	No after glare	

Finance Options

LEDs yes, but how?



There are two major issues when buying LED lights: they are expensive and there are a lot of low quality products in the market. Based on our experience, we have learned that a customer's ease-ofmind is very important. We therefore offer several options with many big benefits for you.

LEDIG has the solution

Feature	Purchase	Purchase +	Leasing	Saving	Service
Lighting Products	yes	yes	yes	yes	yes
Lighting Sensors	option	option	option	option	yes
Regular Warranty	yes	yes	yes	yes	yes
Extended Warranty		yes		yes	yes
Local backup stock				yes	yes
Lighting Design	•	yes		option	yes
Project Management		yes		option	yes
Guaranteed lighting performance					yes
Asset Management	•			•	option
Newest LED technology upgrades		yes			yes
Contract duration	NA	5 - 10	2 - 5	5 - 10	5 - 10
Financed by	client	client	bank	LEDIG	LEDIG

Purchase = Purchase of products/services Leasing = Financing of products/services Saving = Payment through achieved savings Service = Lighting as a service = Fixed monthly fee

Lighting as a service is changing the traditional way of managing risks in lighting. The risks attached to choosing efficient technologies for lighting and the risks related to variation in electricity prices are no longer taken by the customer but by the lighting technology provider. By implementing this service a client benefits from significant savings on energy costs and maintenance of their lighting. This service is comparable to cell phone services. You don't buy the phone, you pay a monthly fee.

Products

PAR20



Watt: 3 - 8 Lumen: 220 - 800

GU10 /MR16



Watt: 3 - 4 Lumen: 190 - 280

Bulb



Watt: 6 - 8 Lumen: 650 - 1.150

PAR30/PAR38



Watt: 7 Lumen: 650

Watt: 12-18 Lumen: 1400

Tube



length: 2, 3, 4, 5, 6, 8 ft Watt: 10 - 35 Lumen: 1,100 - 3,6000

Show room



Watt: 40 - 60 Lumen: 3,600 - 4,800

Down



Watt: 3 - 18 Lumen: 250 - 1800

Panel



Watt: 40 Lumen: 3,500

Stadium/Flood



Watt: 300 - 975 Lumen: 50,000 - 150,000

Parking/Flood



Watt: 60 - 275 Lumen: 5.500 - 25.000

od Canopy/Garage



Watt: 60 - 275 Lumen: 5,500 - 25,000

Street



Watt: 60 - 400 Lumen: 5,500 - 62,000

High Bay



Watt: 75-150 Lumen: 6.100 - 25.000

Baton



Watt: 22 - 60 Emergency Lumen: 2,000 - 5,400

Wall



Watt: 10 - 90 Lumen: 480 - 8.000

Greenhouse



Watt: 90 - 300



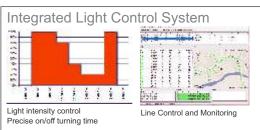
THE NATIONS THAT TAKE ECONOMIC ADVANTAGE OF LED TECHNOLOGY NOW, WILLCAPTURE THE BULK OF THE LIGHTING MARKETIN THE FUTURE

Lighting Control Solutions

Additional energy savings of up to 75%

Lighting control systems are employed to maximize the energy savings from the lighting system. A lighting control system can be an intelligent network based lighting control solution that incorporates communication between various system inputs and outputs related to lighting control with the use of one or more central computing devices. Lighting control systems are widely used on both indoor and outdoor lighting of commercial, industrial, and residential spaces. Lighting control systems serve to provide the right amount of light where and when it is needed.





Energy-saving light control strategies

Strategy		Potential savings	
© 00%	High-end trim sets the maximum light level based on customer requirements in each space.	10-30% Lighting	
Anda Andr	Occupancy/vacancy sensing turns lights on when occupants are in a space and off when they vacate the space.	20-60% Lighting	
fulch Die	Daylight harvesting dims electric lights when daylight is available to light the space.	25-60% Lighting	
Full Cin Dan	Personal dimming control gives occupants the ability to set the light level.	10-20% Lighting	
Starth Open Sharb Chann	Controllable window shading moves shades to reduce glare and solar heat gain.	10-20% Cooling	
0 ♥ 20 ♥ (sec.10)	Scheduling provides scheduled changes in light levels based on time of day."	10-20% Lighting	
V Time	Demand response automatically reduces lighting loads during peak electricity usage times.	30-50% During peak period	
O Application On Application Of	Plug load control automatically turns off loads after occupants leave a space.	15-50% of Controlled Loads	
A Code	HVAC integration Controls heating, ventilation, and air conditioning systems through contact closure.	5-15% HVAC	
		Lutron	

Solar

The demand for solutions of self sustaining supply is increasing and LEDIG answers with technological solutions that convert sunlight into energy. With feasibility studies and an adequate installation of panels we can transform sun rays into efficient energy.

We carry out analysis where the panels will be installed and make recommendations based on:

- Amortization and
- Fastest pay-back and
- Highest efficiency



Solar has to be affordable to maximize the returns. We offer a variety of easy and convenient options to procure solar: solutions that require no up-front capital investment:





www.ledindustrialgroup.com

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