





















- Proprietary Heat Spreader™ Technology
- Highest-Performance LEDs from Cree and Osram (5-year warranty)
- Top-of the line Drivers (5-year warranty)
- Durable and rust-proof cast aluminum housings (10-year warranty)
- Highest fixture lumens per watt (LPW) available in the industry
- Reduce input watts (energy consumption) by 67-90+ %
- 100,000+ hour expected life with minimal lumen depreciation
- All LEDs, drivers, and fixtures are (approved
- Versatile, adjustable mounting options maximizing coverage
- IP 67 rated fixtures, modules, and drivers for maximum protection
- IES, ISTMT, and ITL third-party testing data available
- Modular design, fully adjustable for multiple IES configurations
- Designed with quick disconnects for easy upgrade to new technology

















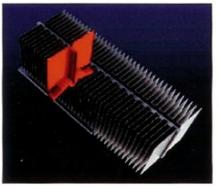
Hybra's Patented Heat Spreader™ Technology

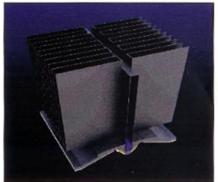
HYBRA'S PATENTED HEAT SPREADER™ TECHNOLOGY DISSIPATES HEAT FROM LEDS AT A LEVEL UNMATCHED BY ANY COMPETITOR'S TECHNOLOGY.

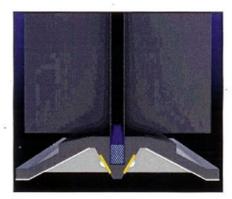
JUNCTION TEMPERATURE is the temperature at the point where an individual diode connects to its base. Maintaining a low junction temperature increases output and slows lumen depreciation. Junction temperature is a key metric for evaluating the quality and longevity of LED products.

The three main factors affecting junction temperature are drive current, thermal path, and ambient temperature. In general, higher drive currents will generate more heat at the diode. Transferring heat away from the diode is the most important factor in maintaining the diode's longevity, light output, and light color. The amount of heat that can be removed depends upon the ambient temperature and the design of the thermal path from the diode to the surroundings. (Source: DOE)

The U.S. Department of Energy (DOE) advises: "Heat management and an awareness of the operating environment are critical considerations to the design and application of LED luminaries for general illumination. Successful products will use superior heat sink designs to dissipate heat and minimize junction temperature. Keeping the junction temperature as low as possible and within the manufacturer specifications is necessary in order to maximize the performance potential of LEDs."





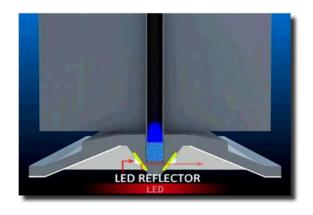


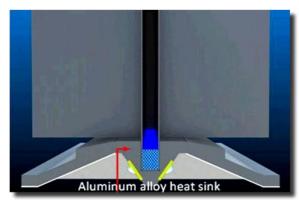


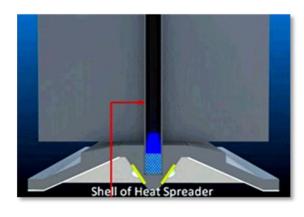


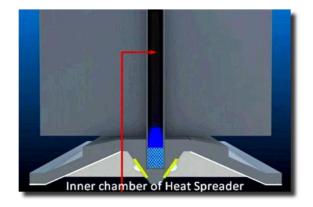


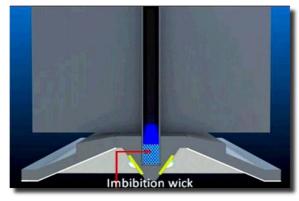
Analysis of the Heat Transferring Procedure

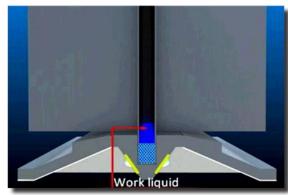








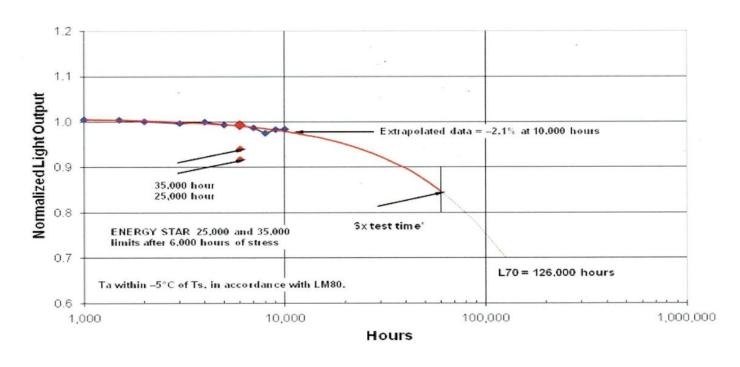








55°C, 0.35A (Tjunction ≈ 68°C) Normalized to 1 at 24 hours







Light Guide: Lighting & HVAC Interactions

Lighting systems convert only a minority fraction of their electrical input into useful light output. Much of the rest is released directly as heat into the space. Therefore, any upgrade of the lighting system that reduces input wattage reduces the amount of heat that must be removed by the air cooling system. This results in air cooling energy savings during the operation of the building. In new construction, an energy-efficient lighting design can result in significant savings in the installed cost of cooling systems.

A rule of thumb in the industry is that 1 kWh of air conditioning energy is saved for every 3 kWh of lighting energy. This, however, is often not accurate because it does not account for different climates. A retrofit in a building in Alaska, obviously, will not yield the same air conditioning energy savings benefit as in a building in Florida - in fact, in Alaska this heat is quite useful, and the retrofit could result in a much higher heating bill!

In the northern regions, the cost of additional heating can cancel out the air cooling energy savings, but in many areas of the United States the air cooling savings, which will be 0-30% of the lighting energy savings, will exceed this additional heating cost.



Lighting Conservation Tax Incentives \$.60 Federal Tax Deduction per Square Foot!

The Energy Policy Act of 2005 included a new tax incentive, to improve the energy efficiency of commercial buildings. The "Commercial Building Tax Deduction" establishes a tax deduction for expenses incurred for energy efficient building expenditures made by a building owner.

- * Buildings that save 50 percent of projected annual energy costs across all three components are eligible for a tax deduction of \$1.80 per. Sq.ft.
- ** Buildings that save a specified percentage of projected annual energy costs for one of the three components building envelope (10 percent whole building energy savings), lighting (20 percent), or heating and cooling (20 percent) are eligible for a \$0.60 per square foot deduction.
- *** For lighting improvements that reduce lighting use by 25-40 percent and also employ dual switching (ability to switch roughly half the lights off and still have fairly uniform light distribution), the \$0.60 per square foot may be prorated, ranging from \$0.30 per square foot for 25 percent lighting energy savings to \$0.60 per square foot for 40 percent savings.

The Emergency Economic Stabilization Act of 2008 (HR-1424), approved and signed on October 3, 2008, extends the benefits of the Energy Policy Act of 2005 through December 31, 2013.

Improving your lighting systems is one of the first steps EPA recommends to increase the efficiency of your buildings whether you are retrofitting existing buildings or designing new buildings. This is not only because lighting upgrades are so cost effective, but also because less heat is generated from efficient lighting systems, affecting the proper sizing of more capital-intensive heating and cooling systems. As outlined in the ENERGY STAR Building Upgrade Manual, a strategy that combines efficient lighting technologies, controls, and appropriate light levels is the most effective approach to meeting energy efficiency goals, including those required to qualify for the partial tax deduction. Read the Lighting Section, helpful information for lighting, don't forget to jump ahead of the curve, be a forward leaning, lean and mean energy machine, update to our state-of-the-art SMD LED Tubes and save 75% over standard Fluorescent Tubes.

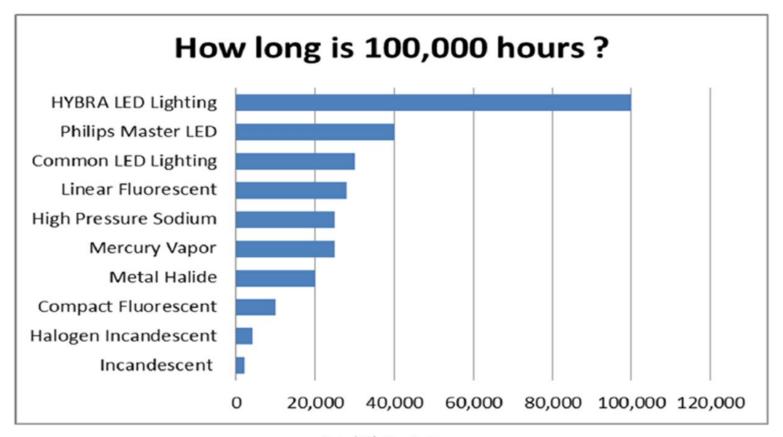
You may qualify for a deduction of \$0.60 per square foot if the lighting system employs dual switching (ability to switch roughly half the lights off and still have fairly uniform light distribution) and reduces installed lighting power by at least 25% from values specified in specific cited tables in ASHRAE Standard 90.1-2001. As lighting power reductions climb from 25% to 40%, the deduction is increased proportionally, up to \$0.60 for a 40% power reduction (plus the dual switching). For a typical building, a lighting power reduction of 40% increases the building's ENERGY STAR rating by about 10 points.

Lighting consumes close to 35 percent of the electricity used in commercial buildings in the United States and affects other building systems through its electrical requirements and the waste heat that it produces. Upgrading lighting systems with efficient light sources, fixtures, and controls can reduce lighting energy use, improve the visual environment, and affect the sizing of HVAC and electrical systems.

CONSULT A TAX PROFESSIONAL







Rated Lifetime in Hours

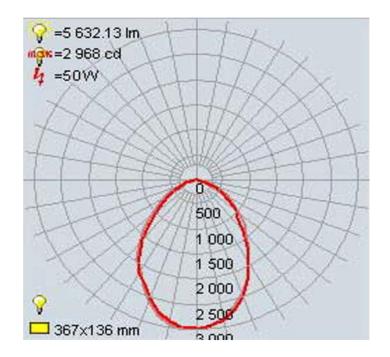




Life Span L70 TEST RESULTS

Green Electric Solutions LED 50W High/Low Bay light lumen preservation, was tested and rated at 99.08% in 6,000 hours, therefore, the life span is rated at 100,000 hours of life

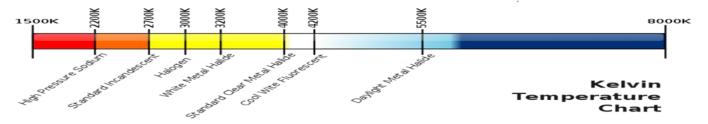
Hour (h)	light flux(lm)	DC Voltage (V)	DC current (A)	Preservation rate of light
1	5632	49.00	1.408	100.00%
1000	5716	49.02	1.411	101.49%
2000	5755	49.10	1.412	100.68%
3000	5771	49.00	1.409	100.28%
4000	5763	49.04	1.405	99.88%
5000	5733	49.01	1.413	99.48%
6000	5680	49.02	1.411	99.08%



PERFORMANCE CHARACTICS OF MAJOR TYPES OF LIGHTING

October 2011 Electrical Contractor Magazine "Lighting 101"

Туре	Watts (W)	Efficacy (LPW)	Lamp lumen depreciation	Life (hours)	Correlated color temperature (K)	Color rendering index (CRI)
Incandescent	0.1-1,500	15-25	0.90	600-4,000	2,700	90-95
Halogen	0.5-1,500	20-35	0.95	2,000-6,000	2,900	90-100
Fluorescent	5-215	74-100	0.92-0.66	12,000- 20,000	3,000-6,000	50-90
Mercury vapor	35-1,000	20-63	0.84-0.55	20,000+	3,000-6,000	20-50
Metal halide	35-1,500	80-125	0.92-0.59	7,500- 20,000	3,000-4,500	60-70
High-pressure sodium	35-1,000	65-140	0.92-0.90	20,000+	2,000-3,000	20-30





112 Lumens Per Watt



LOW BAY - Commercial - Industrial - Retail - Warehouse - Garage - Plant









COMPARE	250HD	T-5 HO	Philips	Hybra
	Metal Halide	Fluorescent	LED	LED
Lighting Type	Bay Light	Bay Light	Bay Light	Bay Light
Consumption Watts	250-W	336-W	75-W	50-W
Watts to Lumens Efficiency	95	78	88	112
Hours Light Life Lab Tested	10,000hr	20,000hr	50,000hr	100,000hr
Motion Sensor	None	None	Ready	Ready
Diming Control	None	Optional	Optional	Optional
Generates A/C heat load	Yes	Yes	No	No
100% Instance On Light	No	No	Yes	Yes
				1.2.2
100% Recyclable	No	No	Yes	Yes
Does Product Contains				
				
Mercury - Xenon - Krypton	Yes	Yes	No	No
UV or Phosphorus Light	Yes	Yes	No	No
Zero Maintenance 12hr/4380	2.2 yrs	4.5 yrs	11.4 yrs	22.8 yrs
25.5		,	,	



100,000 hours of LIFE



Compare		GE	General Ele	ectric	Philips	Hybra	
Туре		T12	Fluorescent	Т8	Master LED	LED	LED
Lamps		1	2	4	1	1	2
Wattage		48	64	128	22	18	36
Lumens		1700	2650	5300	1500	1500	6000
Energy Saving of 2	5% and more	No	No	No	No	Yes	Yes
Life Span of Lamp	and Ballast	2,000	20,000	20,000	40,000	100,000	100,000
Generates A/C He	at Load	Yes	Yes	Yes	No	No	No
Generates Harmon	nics	Yes	Yes	Yes	No	No	No
100% Instance On	Light	No	No	No	Yes	Yes	Yes
Noise Buzz and Fli	cker	Yes	Yes	Yes	No	No	No
100% Recyclable		No	No	No	?	Yes	Yes
Does the Product	Contains						
Mercury - Neon - >	Kenon - Krypton	Yes	Yes	Yes	No	No	No
UV or Phosphorus	Light	Yes	Yes	Yes	No	No	No
Zero Maintenance	12hr pr day	2.1 mo.	4.5 yrs	4.5 yrs	9.1 yrs	22.8 yrs	22.8 yrs



Retro-Fit Kits are UL2 & IEUQ Approved





HYBRA LED KITS are UL Approved

Available size 2-3-4 and 8 foot 9 W up to 36W Available with an External Driver @ 100,000hr Life Or Available with a Internal driver @ 50,000hr Life Liquid Lenses can provide beam angle 45 up to 210 Dimmable and Sensor Ready Kits * Upon Request







18-Watt SMD LED 4ft Tube

TECHNICAL PARAMETER

ITEM : LED TUBE

ITEM NO.: HT-DG18RRB

RATED CURRENT: 350mA RATED POWER: 36W

LIGHT SOURCE : CREE XP INPUT VOLTAGE : 90-264VAC

COLOR TEMPERATURE : 2580-7040K

NO. OF LEDS : 280 PCS LUMINOUS FLUX (TYP.) : ≥3000LM

POWER FACTOR (TYP.): ≥0.9

JUNCTION TEMPERATURE: +20°C Ambient

WORK TEMPERATURE : $-30 \sim 40^{\circ}\text{C}$ STORAGE TEMPERATURE : $-40 \sim 80^{\circ}\text{C}$ PROTECTION GRADE : |P20 - P65|

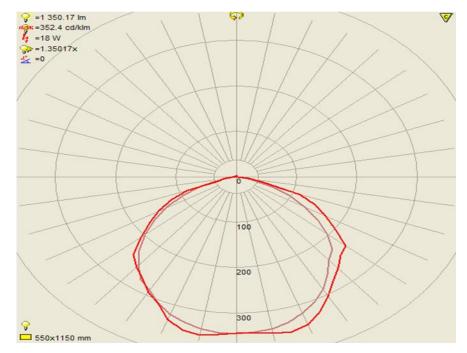




Life Span L70 TEST RESULTS

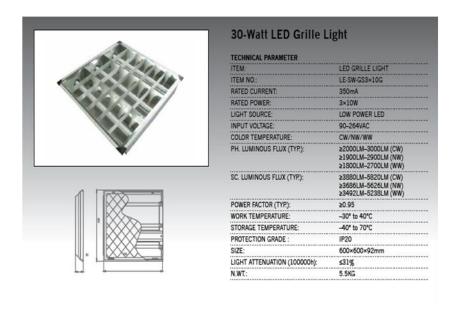
Green Electric Solutions LED 18W 4ft tube light lumen preservation, was tested and rated at **98.19% in 6,000** hours, therefore, the life span is rated at **100,000** hours of life

Hour (h)	light flux(lm)	DC Voltage (V)	DC current (A)	Preservation rate of light
1	1350	29.98	0.558	100.00%
1000	1374	29.89	0.552	101.77%
2000	1371	29.87	0.543	99.78%
3000	1362	29.95	0.556	99.38%
4000	1349	29.96	0.554	98.98%
5000	1329	29.97	0.548	98.59%
6000	1305	29.97	0.559	98.19%





TECHNICAL PARAMETER	
ITEM:	LED GRILLE LIGHT
ITEM NO.:	LE-SW-GS2×18G
RATED CURRENT:	350mA
RATED POWER:	2×18W
LIGHT SOURCE:	LOW POWER LED
INPUT VOLTAGE:	90-264VAC
COLOR TEMPERATURE:	CW/NW/WW
PH. LUMINOUS FLUX (TYP.):	≥2500LM-3800LM (CW)
	≥2300LM-3500LM (NW) ≥2200LM-3300LM (WW)
SC. LUMINOUS FLUX (TYP):	≥4850LM-7372LM (CW)
oc. LUMINOUS PLUX (117.).	≥4462LM-6790LM (NW)
	≥4268LM-6402LM (WW)
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-30° to 40°C
STORAGE TEMPERATURE:	-40° to 70°C
PROTECTION GRADE :	IP20
SIZE:	1214×600×92mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT:	8.5KG





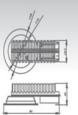
TECHNICAL PARAMETER	
ITEM:	LED DOWN LIGHT
ITEM NO.:	LE-SW-TD12Y/18Y
POWER:	12W/18W
LIGHT SOURCE:	LOW POWER LED
INPUT VOLTAGE:	90-264VAC
COLOR TEMPERATURE:	CW/NW/WW
PH. LUMINOUS FLUX (TYP.):	≥650LM-800LM (12Y)
	≥1000LM-1200LM (18Y)
SC. LUMINOUS FLUX (TYP.):	≥1261LM-1552LM (12Y)
	≥1940LM-2328LM (18Y)
POWER FACTOR (TYP.):	≥0.9
WORK TEMPERATURE:	-30° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP20
SIZE:	Ø181×212mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	1.3KG

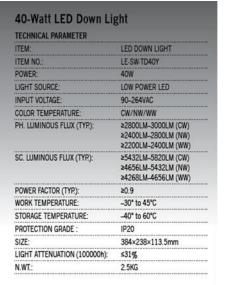


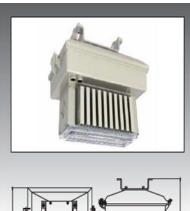
TECHNICAL PARAMETER	
ITEM:	LED DOWN LIGHT
ITEM NO.:	LE-SW-TD36Y
POWER:	36W
LIGHT SOURCE:	LOW POWER LED
INPUT VOLTAGE:	90-264VAC
COLOR TEMPERATURE:	CW/NW/WW
PH. LUMINOUS FLUX (TYP.):	≥2600LM-2800LM (CW)
	≥2400LM-2600LM (NW) ≥2200LM-2400LM (WW)
SC. LUMINOUS FLUX (TYP.):	≥5044LM-5432LM (CW) ≥4656LM-5044LM (NW) ≥4268LM-4656LM (WW)
POWER FACTOR (TYP.):	≥0.9
WORK TEMPERATURE:	-30° to 45°C
STORAGE TEMPERATURE:	-40° to 60°C
PROTECTION GRADE:	IP20
SIZE:	Ø194×266mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	1.79KG

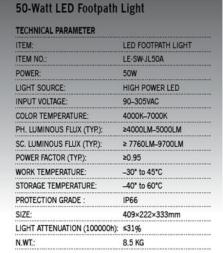
36-Watt LED Down Light

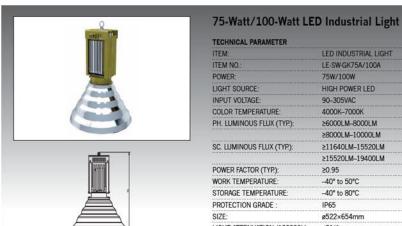




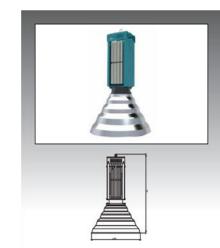








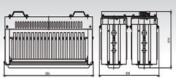




TEM:	LED INDUSTRIAL LIGHT
ITEM NO.:	LE-SW-GK150A
POWER:	150W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥12000LM-13000LM
SC. LUMINOUS FLUX (TYP.):	≥23280LM-25220LM
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	ø522×747mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	4.3KG

150-Watt LED Industrial Light



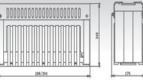


400W LED High Bay Light TECHNICAL PARAMETER LED HIGH/LOW BAY LIGHT ITEM NO .: LE-SW-MZ2×200A 400W POWER: HIGH POWER LED LIGHT SOURCE: 90-305VAC INPUT VOLTAGE: COLOR TEMPERATURE: 4000K-6500K PH. LUMINOUS FLUX (TYP.): ≥30000LM SC. LUMINOUS FLUX (TYP.): ≥58200LM POWER FACTOR (TYP.): ≥0.95 WORK TEMPERATURE: -30° to 45°C STORAGE TEMPERATURE: -40° to 60°C PROTECTION GRADE: IP65 534×358×270mm SIZE: LIGHT ATTENUATION (100000h): <31%

15 KG

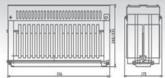
N.WT.:



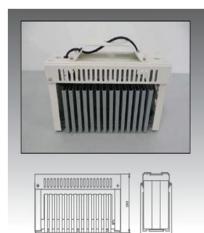


TECHNICAL PARAMETER	
ITEM:	LED HIGH/LOW BAY LIGHT
ITEM NO.;	LE-SW-MZ50A/75A/100A
POWER:	50W/75W/100W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥4000LM-5000LM
	≥6000LM-7000LM
***************************************	≥8000LM-9000LM
SC. LUMINOUS FLUX (TYP.):	≥7760LM-9700LM
	≥11640LM-13580LM
	≥15520LM-17460LM
POWER FACTOR (TYP):	≥0.95
WORK TEMPERATURE:	-35° to 50°C
STORAGE TEMPERATURE:	-35° to 85°C
PROTECTION GRADE :	IP65
SIZE:	298×176×240mm (50A/75A)
***************************************	394×176×239mm (100A)
LIGHT ATTENUATION (100000h):	≤31%
N.WT:	4.5/4.8/5.5 KG





ITEM:	LED HIGH/LOW BAY LIGHT
ITEM NO.:	LE-SW-MZ150A/250A
POWER:	150W/250W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥12000LM-13000LM
	≥20000LM-22000LM
SC. LUMINOUS FLUX (TYP.):	≥23280LM-25220LM
***************************************	≥38800LM-42680LM
POWER FACTOR (TYP):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	534×176×245mm (150A)
SIZE:	534×176×335mm (250A)
SIZE: LIGHT ATTENUATION (100000h):	534×176×335mm (250 ≤31%
N.WT.:	7.3/10.4 KG



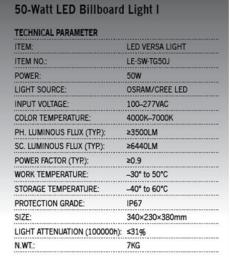
ITEM:	LED MODULE LIGHT
ITEM NO.:	LE-SW-MZ50A
POWER:	50W
LIGHT SOURCE:	OSLON LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥5632LM
SC. LUMINOUS FLUX (TYP.):	≥10362.88LM
POWER FACTOR (TYP.):	≥0.9
WORK TEMPERATURE:	–35° to 60°C
STORAGE TEMPERATURE:	–35° to 85°C
PROTECTION GRADE:	IP65
SIZE:	368×116×195mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	2.9KG

50-Watt LED Parking Garage Light



1300-Watt Sport Light TECHNICAL PARAMETER LED SPORT LIGHT LE-SW-TG1300A ITEM NO.: POWER: 1300W LIGHT SOURCE: OSRAM/CREE LED INPUT VOLTAGE: 100-277VAC 5000K-7000K COLOR TEMPERATURE: PH. LUMINOUS FLUX (TYP.): ≥150000LM SC. LUMINOUS FLUX (TYP.): ≥ 276000LM POWER FACTOR (TYP.): WORK TEMPERATURE: -40° to 50°C STORAGE TEMPERATURE: -40° to 80°C PROTECTION GRADE: IP67 632×605×599mm LIGHT ATTENUATION (100000h): <31%



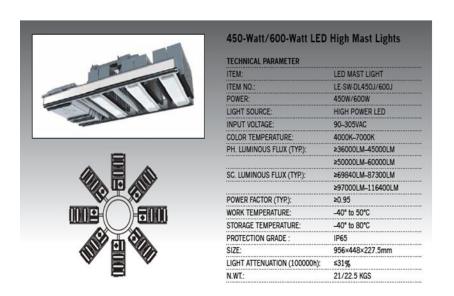


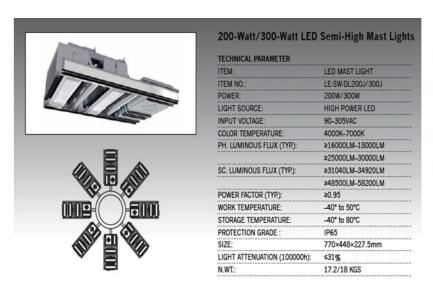


TECHNICAL PARAMETER	
ITEM:	LED VERSA LIGHT
ITEM NO.:	LE-SW-TG100J
POWER:	100W
LIGHT SOURCE:	OSLON LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥7200LM
SC. LUMINOUS FLUX (TYP.):	≥13248LM
POWER FACTOR (TYP.):	≥0.9
WORK TEMPERATURE:	-30° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE:	IP67
SIZE:	726×302.4×298mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	10.5KG



TECHNICAL PARAMETER	
ITEM:	LED VERSA LIGHT
ITEM NO.:	LE-SW-TG50J
POWER:	50W
LIGHT SOURCE:	OSRAM/CREE LED
INPUT VOLTAGE:	100-277VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥3500LM
SC. LUMINOUS FLUX (TYP.):	≥6440LM
POWER FACTOR (TYP.):	≥0.9
WORK TEMPERATURE:	-30° to 50°C
STORAGE TEMPERATURE:	-40° to 60°C
PROTECTION GRADE:	IP67
SIZE:	340×230×380mm
LIGHT ATTENUATION (100000h):	≤31%
LIGHT ATTENUATION (100000h): N.WT.:	≤31% 7KG

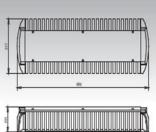






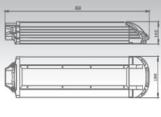




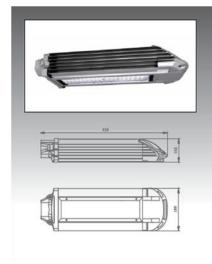


TECHNICAL PARAMETER	
ITEM:	LED STREET LIGHT
ITEM NO.:	LE-SW-DL75A
POWER:	75W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥6000LM-7000LM
SC. LUMINOUS FLUX (TYP.):	≥11640LM-13580LM
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	684×217×101mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	7.5 KG

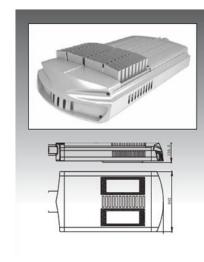




TECHNICAL PARAMETER	
ITEM:	LED STREET LIGHT
ITEM NO.:	LE-SW-DL50A
POWER:	50W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥4000LM-5000LM
SC. LUMINOUS FLUX (TYP.):	≥7760LM- 9700LM
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	858×186×102mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	7.5 KG

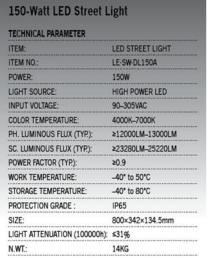


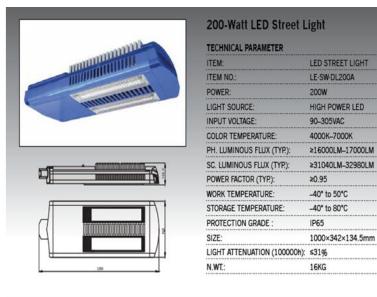
TECHNICAL PARAMETER	
ITEM:	LED STREET LIGHT
ITEM NO.:	LE-SW-DL25A
POWER:	25W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥2000LM-2500LM
SC. LUMINOUS FLUX (TYP.):	≥3880LM-4850LM
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	618×186×102mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	5.0 KG



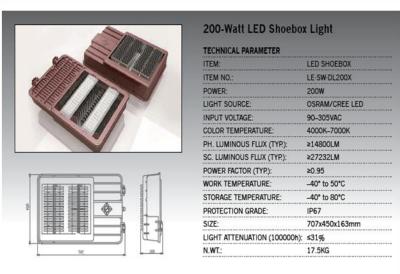
TECHNICAL PARAMETER	
ITEM:	LED STREET LIGHT
ITEM NO.:	LE-SW-DL120A
POWER:	120W
LIGHT SOURCE:	HIGH POWER LED
INPUT VOLTAGE:	90-305VAC
COLOR TEMPERATURE:	4000K-7000K
PH. LUMINOUS FLUX (TYP.):	≥9600LM-10000LM
SC. LUMINOUS FLUX (TYP.):	≥18624LM-19400LM
POWER FACTOR (TYP.):	≥0.95
WORK TEMPERATURE:	-40° to 50°C
STORAGE TEMPERATURE:	-40° to 80°C
PROTECTION GRADE :	IP65
SIZE:	750×342×134.5mm
LIGHT ATTENUATION (100000h):	≤31%
N.WT.:	12KG





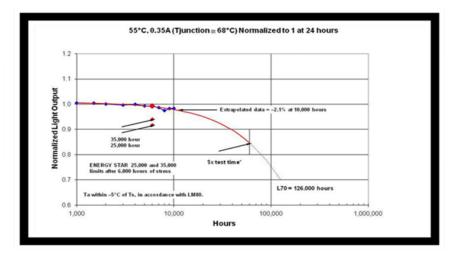




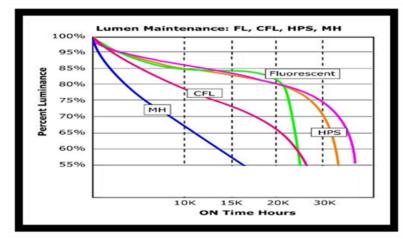


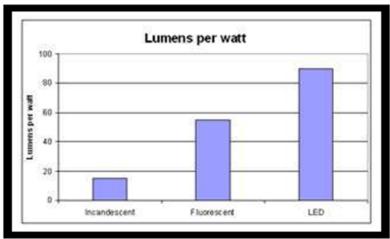
100,000 hours of LIFE











Hybra LED Reduces your Co2 Carbon Foot Print & 100% Recyclable without any Hazard Issues

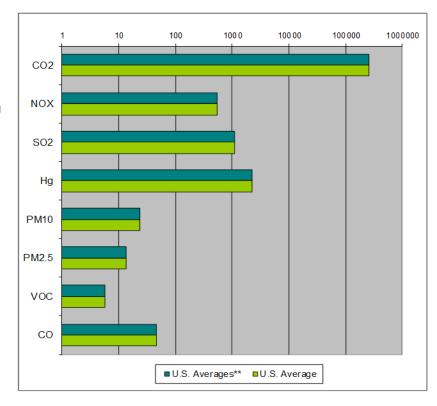
Select a state: U.S. Averages**

Projected Annual Energy Savings: 131,535 kWh

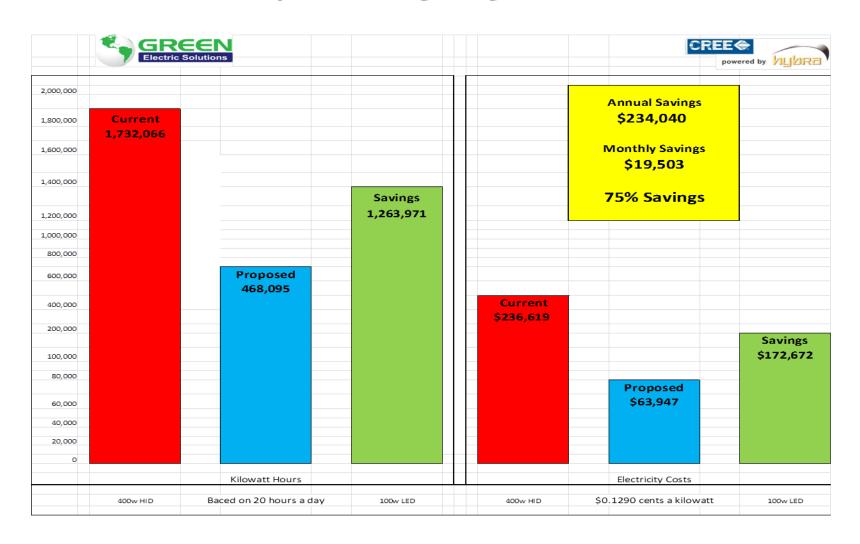
	Estimated Reductions ild:S. A	verages**	U.S. Average	
	Carbon Dioxide (CO ₂):	256,493	256,493	lbs
	Nitrogen Oxide (NO $_{\chi}$):	538	538	lbs
	Sulfur Dioxide (SO ₂):	1,115	1,115	lbs
	Mercury (Hg):	2,210	2,210	mg
	Particulate Matter (PM10):	24	24	lbs
	Particulate Matter (PM2.5):	13	13	lbs
Voliti	le Organic Compounds (VOC):	6	6	lbs
	Carbon Monoxide (CO):	46	46	lbs

Resulting in the equivalent of:

of cars taken off the road: 21.3 - or - # of Gallons of Gasoline Saved: 13,206 - or - # of trees planted: 2,983 - or - # of Barrels of Oil Saved: 271



Bottom Line: Hybra LED Lighting is more Cost Effective









Green Electric Solutions, provides businesses with the technology and expertise necessary to meet their energy management goals from start to finish

ACCREDITED

- ✓ We can manage the entire process from, Concept to Completion
- ✓ We are a Energy Star Partner, for Facility Benchmarking.
- ✓ On-Site Inspections, Analysis and Cost & Savings Reports
- ✓ Engineering & CAD Services
- ✓ Management & Installation
- ✓ Testimonies & References
- ✓ DLC Utility Qualified & Listed
- ✓ Utility Provider Rebates, Incentives & On-Bill Financing
- ✓ Stocking Warehouse and Local Service and Support
- ✓ Buy product direct at volume pricing and save even more.
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