

1.888.499.LEDS(5337)



Clean Light

Green Light

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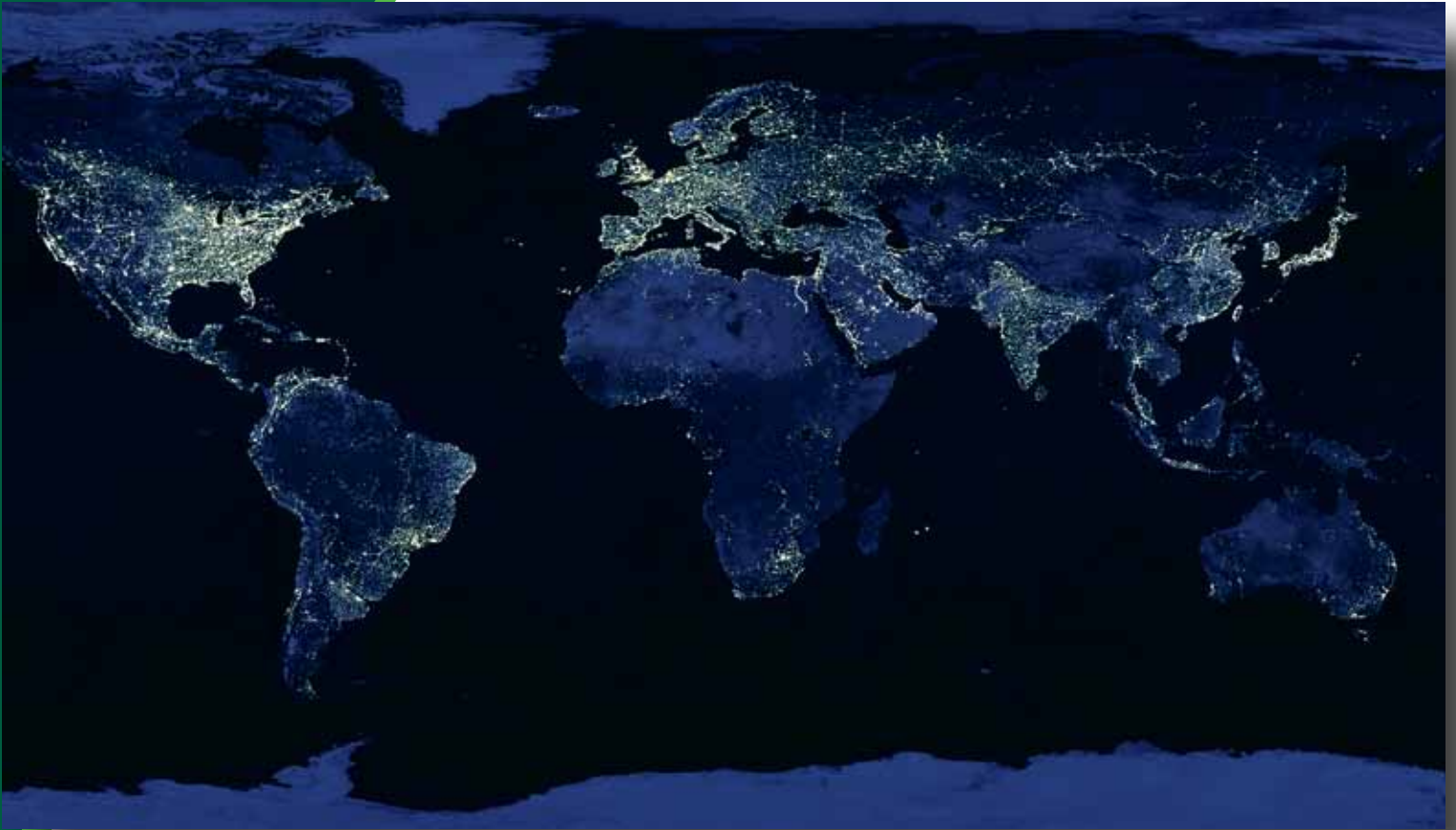
LED Lighting Solutions

for:

**Commercial,
Industrial**

and Municipalities.

**LED LIGHTING USES UP TO 80%
LESS WATTAGE THAN TRADITIONAL
FORMS OF LIGHTING**



FINANCING AVAILABLE!



“Changing The World....

One Light At A Time.”



Environmental Impact of Traditional Lighting:



- *A typical commercial building's lighting averages 37-50% of its electrical demand.*
- *1 Billion fluorescent lamps are disposed of every year globally. That's 50,000 pounds of mercury waste. It takes only 4 mg of mercury to poison 7,000 gallons of water. Enough mercury to pollute every gallon of water in the U.S. & Canada. 70% of the nations electricity comes from dirty coal burning plants.*

If just 25% of fluorescent lighting fixtures in the U.S. were converted to LEDs, we could:

- *Prevent the release of green house gases equal to 10 million cars.*
- *Save 15 billion in electricity costs annually.*
- *Decommission 133 coal burning power plants.*
- *Reduce carbon emissions by 158 metric tons & avoid releasing 5,700 pounds of airborne mercury.*



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Advantages of LED:



- *Energy savings average 50-80%.*
 - *70% Efficacy point of a fluorescent is 8000 hours, LED is 50,000 hours.*
 - *No maintenance on re-lamping.
The storage of bulbs, replacement parts,
and the logistics involved are hidden
costs to any re-lamping project.*
 - *No low-level radiation or damaging
UV rays.*
-
- *Working temperatures of -30 – 140° celsius.*
 - *LED have an average lifetime 6.2 times longer than
fluorescents.*
 - *Average lifetime return on investment value 300-500% or
more.*
 - *Better light quality over lifetime; no flickering.*
 - *Low heat emanation means money saved on cooling costs.*
 - *LED light is very easy on the eyes. Studies have shown that
they can cure Seasonal Affective Disorder as well as increase
productivity by 3% or 1 hour a week.*
 - *Meets or exceeds Energy Star standards in SSL and Meeting
the Dark Sky Standards of the IDA.*



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Case Studies:



- *United Supermarkets changed over 3,600 of their refrigerator and freezer lights from fluorescent to LED. That equates to a cost savings of \$633,000 a year on energy and maintenance savings. The expected ROI is 1.8 years. The combined environmental impact of the 47-store retrofit represents an annual 2.9-million pound reduction of carbon dioxide emissions.*
- *Boathouse Row in Philadelphia, PA exchanged their lighting with SSL technologies and decreased their annual lighting costs by \$7,000 with a maintenance savings of \$50,000 a year.*
- *LAX Airport Officials switched to LEDs for their functional and outdoor lighting. In turn they reduced their annual lighting costs by \$55,000 and their lifetime maintenance costs by \$980,000.*
- *An architect for the New Fushin Building in Hong Kong recently decided to implement LED technology in their office lighting. He used our panel technology in 600 panels as a test run. In the first year the savings equaled \$22,100 USD on lighting costs. A cost reduction of \$68,000 USD over their lifetime. A savings of \$257,200 USD total over the lifetime of the fixtures.*
- *The city of Portland, Oregon changed the red and green of 6,800 traffic signals and is now saving \$330,000 USD a year in energy costs. The expected payback on investment is 3.1 years. Even with costly road installation, the ROI is 32%.*



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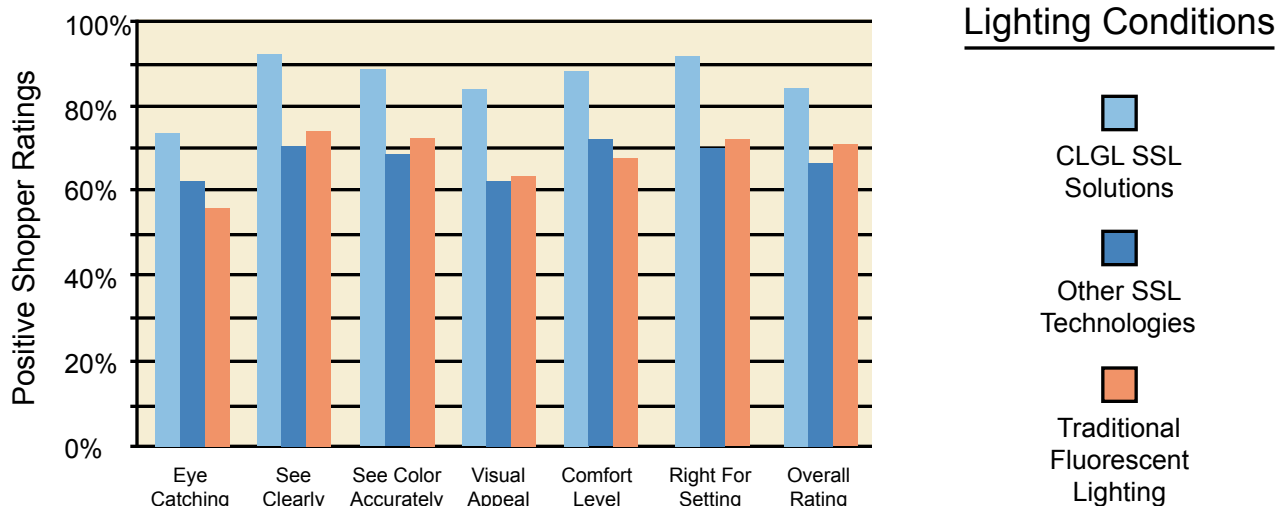
Retail / Commercial Perceptions:



Last year CLGL used their products in a retail setting as the light source. In over one month we had over 1,000 people surveyed. When all the data was compiled, there were a few clear answers:

- 1) *SSL makes a difference in the way people see things.*
- 2) *SSL can make the same item more appealing to the eye.*
- 3) *The color rendering of CLGL SSL is superior to fluorescent lighting.*
- 4) *The general appearance is perceived as cleaner under SSL.*
- 5) *People find themselves more comfortable because of the way SSL mimics almost all the characteristics of noon time sunlight; without the harsh UV radiation.*

CLGL SSL Solutions Case Study: Retail & Commercial Applications

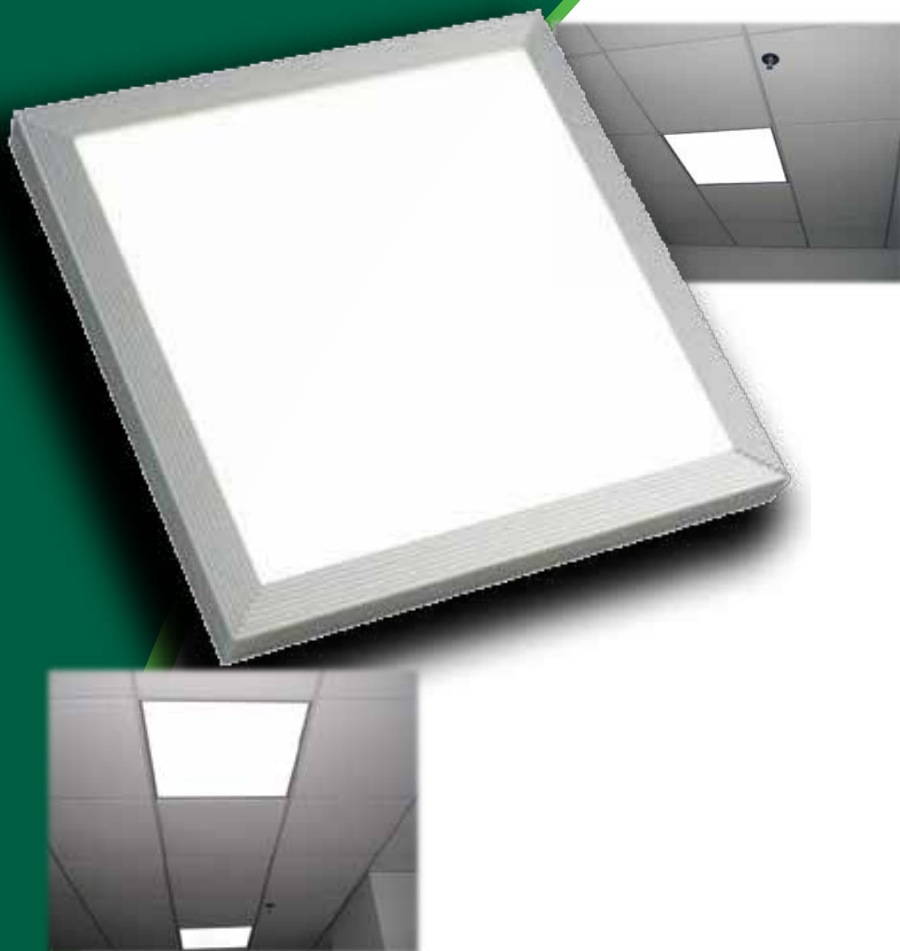




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2' x 2' LED Panels



Specifications:

Warranty	5 Years
Lifetime	60-100,000 HRS
Power Draw	38W
Input Voltage	110-277v
Output Voltage	13V DC
Effective Lumens	3050
LED Type	SMD Super Bright
Colors	CW, WW, NW
CRI	90
Operating Range	-20 - 140° F
Humidity Range	10-99%
Dimensions	24 x 24x 3"
Weight	13.2 lbs
Certifications	CE, ROHS, CQC
Part No.	CLGL 22

Specifications:

Model Number	CLGL2X30	CLGL2X40	CLGL2X60
Operating Voltages	110-230V		
Temperature Range	-20 – 140 C		
Power	30W	40W	60W
Lumens	2100	2800	4200
Color Temperature	5000-6000		
Lifetime	>50,000 Hours		
IP Rating	40		
Certifications	CE, ROHS, CQC		





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13W LED Bulb

Specifications:

Model #	LED75
Input Voltage	90-240V AC
Power Consumption	13W
Luminous Efficiency	60 Lumens per watt
Color Temperature	Cold White 6500K Natural White 4000K Warm White 3000K
Working Life	>50,000 Hours
Lamp Base	Standard Edison
Operating Temperature	-40° - -140°





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**Already Utilize
LED Products?
Let Us be Your Source
For the Bulbs You Need.
DO NOT USE WITH BALLAST,
VOLTAGE SPECIFIC.**

276 LED Fluorescent Retrofit Tubes



Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	15W
Input Voltage	110,220,277V
Output Voltage	12 & 24V DC
Effective Lumens	2400
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	4' Fluorescent
Weight	7oz
Certifications	CE, ROHS
Model No.	CLGL 276
IP Rating	IP54

342 LED Fluorescent Retrofit Tubes



Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	17W
Input Voltage	110,220,277V
Output Voltage	12 & 24V DC
Effective Lumens	3000
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	4' Fluorescent
Weight	8oz
Certifications	CE, ROHS & UL/CSA Final Approval pending
Model No.	CLGL 342
IP Rating	IP54



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174 LED Fluorescent Retrofit Tubes



2' Fluorescent Retrofit Tubes

Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	8W
Input Voltage	110-277V
Output Voltage	24V DC
Effective Lumens	1900
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	2' Fluorescent
Weight	1.5 lbs
Certifications	CE, ROHS
Model No.	CLGL 174
IP Rating	IP54
Application	Indoor/Outdoor

5' Fluorescent Retrofit Tubes

Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	24W
Input Voltage	110-277V
Output Voltage	24V DC
Effective Lumens	3425
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	5' Fluorescent
Weight	1.5 lbs
Certifications	CE, ROHS
Model No.	CLGLT860
IP Rating	IP54
Application	Indoor/Outdoor

6' Fluorescent Retrofit Tubes

Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	28W
Input Voltage	110-277V
Output Voltage	24V DC
Effective Lumens	4135
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	6' Fluorescent
Weight	1.5 lbs
Certifications	CE, ROHS
Model No.	CLGLT872
IP Rating	IP54
Application	Indoor/Outdoor

8' Fluorescent Retrofit Tubes

Warranty	5 Years
Lifetime	>50,000 HRS
Power Draw	30W or 36W
Input Voltage	110-277V
Output Voltage	24V DC
Effective Lumens	5730
LED Angle	120°
Color	3600K,5500K,6500K
CRI	90
Operating Range	-30° - 140°
Humidity Range	10-99%
Retrofit Type	8' Fluorescent
Weight	1.5 lbs
Certifications	CE, ROHS
Model No.	CLGLT896
IP Rating	IP54
Application	Indoor/Outdoor



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*Already Utilize
LED Products?
Let Us be Your Source
For the Bulbs You Need.*

Applications:

CLGL LED tubes can retrofit in almost any form of fluorescent technology. Can be used outdoors or indoors, T8 or T12. We manufacture our products and custom designs to our customer's specs.

Specifications:

- CLGL design.
- Engineered for use with standard T8 or T12 fixtures (T5 expected early 2009).
- Poly carb or glass tube options. Food prep area safe.
- Metallic end caps.
- Direct wire voltage, no ballast needed.
- No on/off hour rating specifications.
- 24 hr run hard design.
- Patented heat sync technology ensures the life rating of our tubes.
- No hazardous substances ROHS compliant. No Mercury. No Lead.
- 100% recyclable tube.
- Proprietary white phosphor chips make tubes 5% brighter than our old design while saving 1 watt plus.

Data:

- Approximate weight:
 - 276 LED tube 15 ounces
 - 342 LED Tube 1LB 1 OZ
- 4' standard (2,3,5,6 & 8 foot tubes available) HO compliant.
- Effective projected area 13 x 10 (1 tube).
- Recommended mounting heights:
 - 276 LED tube @12 feet
 - 342 LED tube @12 feet and up
- Wattages
 - 276 LED tube @ 15W
 - 342 LED tube @ 17W (Lowered from 18W with newly upgraded LED technology 11/01/08)
- Effective Lumen output:
 - 276 LED tube 2400 Lumens
 - 342 LED tube 3000 Lumens
- 80-277V capability (347V available spring 2009).
- Operating temperature range of -40 to 140° Celsius.
- Operating humidity range of 10-99%.
- 2700, 3300, 4700, 5500, 6500K or custom CCT or RGB ranges.
- 92 CRI.
- Energy Star® compliant.
- Covered by our 5 year warranty.



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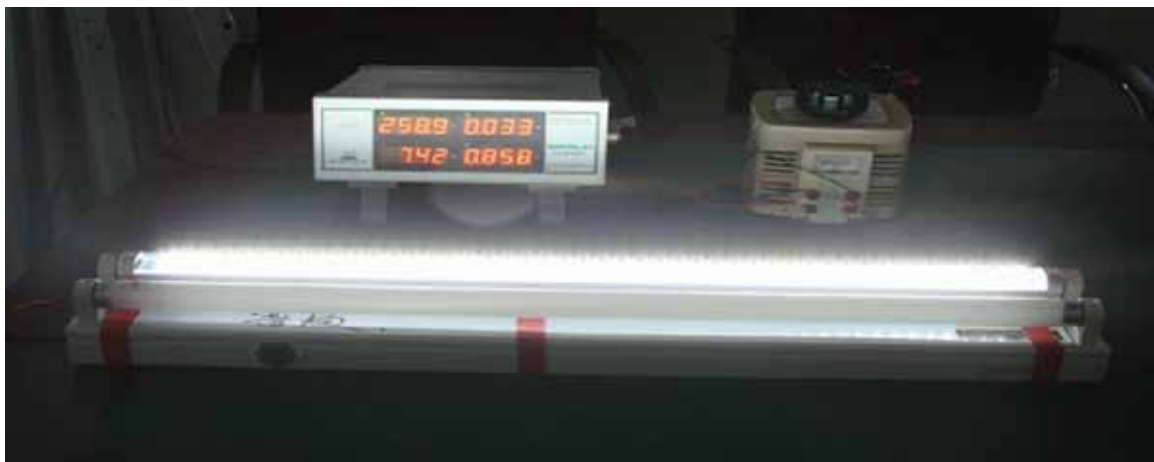
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174 LED Fluorescent Retrofit Tubes A Power Factor Demonstration.



The fluorescent light above is being powered by 259.2V AC.
An active power of 45.3W, with a PF of .415.

$$259.2V \times .422A = 109.382W$$



CLGL174 LED Tube light above at 258.9V AC.
An active power of 7.42W, with a PF of .858.

$$258.9V \times .033A = 8.543W$$



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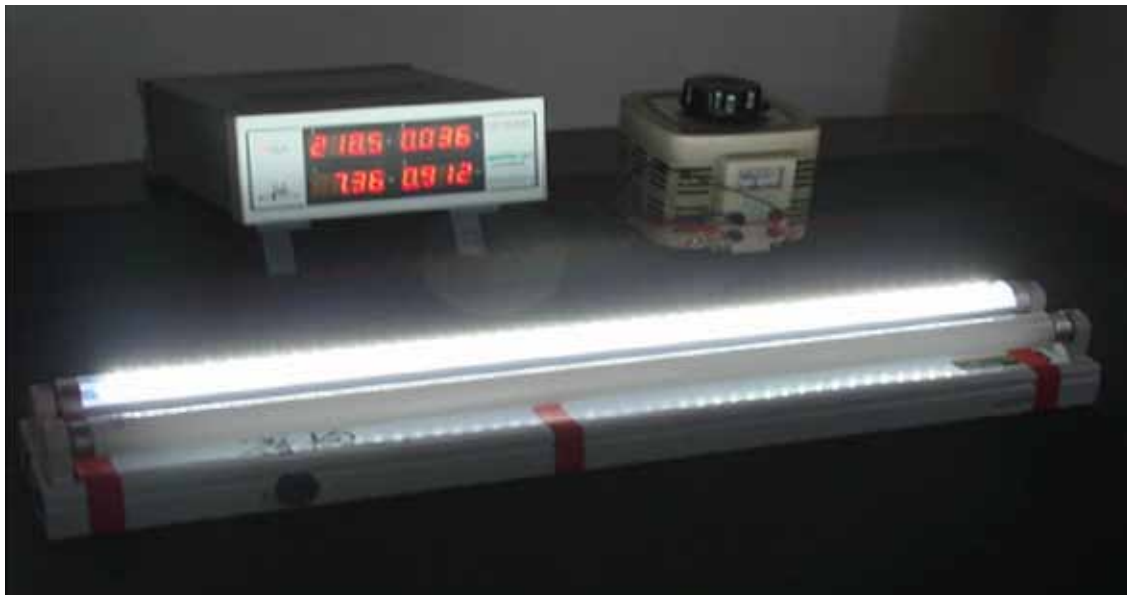
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174 LED Fluorescent Retrofit Tubes A Power Factor Demonstration.



Fluorscent at 220.5V AC, active power 30.0, the PF is 0.47.

$$220.5V \times 0.289A = 63.724W$$



CLGL174 LED Tube 218.5V AC, active power 7.36W, the PF is 0.912.

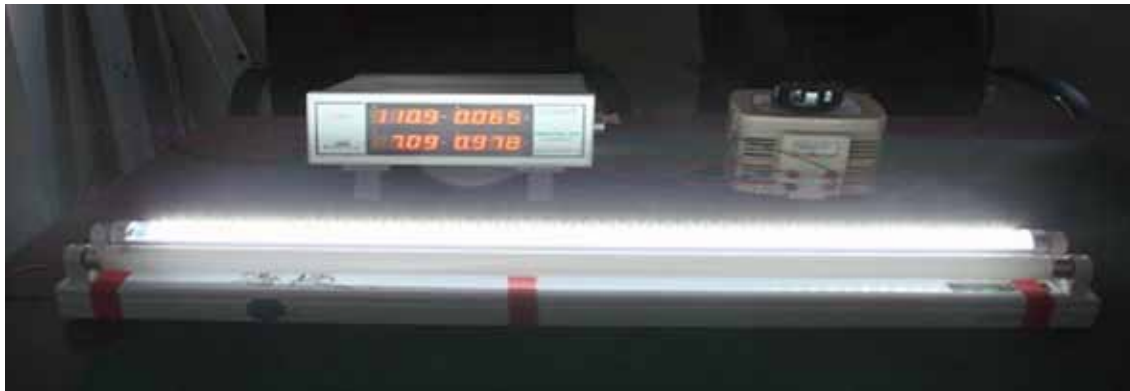
$$218.5V \times 0.036A = 7.866W$$



174 LED Fluorescent Retrofit Tubes A Power Factor Demonstration.



Fluorescent tube dimmed out at 112.6V AC,
and the brightness dipped in steps from 220V to 113V AC.



CLGL174 LED Tube at 110.9V AC, active power 7.09W, the PF is 0.978.

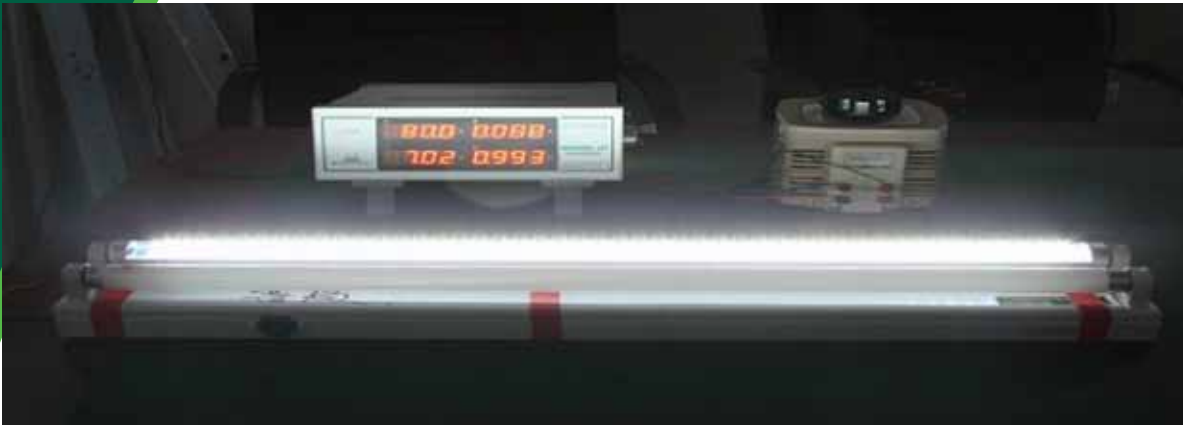
$$110.9V \times 0.065A = 7.208W$$



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174 LED Fluorescent Retrofit Tubes A Power Factor Demonstration.



CLGL174 LED Tube at 80.0V AC, active power 7.02W, the PF is 0.993.

$$**80V \times 0.088A = 7.04W**$$

This demonstration of Power Factor is not done to certify a certain PF but instead to point out a little known fact to persons outside of the lighting world. For instance, fluorescent lights may have a designation of 32 or 40 watts, but when coupled with the inefficiency of the ballast, it actually takes much more to light.

These ballasts have an inherent power loss or factor that when coupled with variables outside of the 75°F that they are tested in. Factors such as heat, cold, humidity and voltage fluctuation can play a key role in not only their lifetime but also their power factor. Lab results are a perfectly controlled environment of 75°F, 10% humidity and controlled voltage. LED drivers are not prone to the problems of temperature/humidity ranges and have high to near perfect power factors.



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LED Gas Station and Canopy Lighting



Specifications:

Warranty	5 Years
Lifetime	>50,000 HRS
Part # / Power Draw / Lumens	
GSC100	100W @ 6500 Lumens
GSC120	120W @ 7800 Lumens
GSC150	150W @ 9800 Lumens



Now available for the 24 hour locations.

GSC24HR100	100W @ 6500 Lumens
GSC24HR120	120W @ 7800 Lumens

Color	5000-6000K
CRI	80
Operating Temperature	-40°C - 60°C
Humidity Range	10-99%

*Yes savings can be made
at the pump...*



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Clean Light Green Light LED Retrofit Plates



Before



After

Cost Benefit Analysis*	Daily	Weekly	Monthly	Yearly	5 Year
400W MH	\$32.76	\$229.32	\$917.28	\$11,007.36	\$55,036.80
88W LED Plate	\$4.44	\$31.05	\$124.19	\$1490.23	\$7451.14
Electrical Savings	\$28.32	\$198.27	\$793.09	\$9517.13	\$47,585.66

*Yearly average maintenance savings of \$420.00 not included above.

5yr Savings Maintenance = \$2100.00

5yr Savings Total = \$49,685.66

10yr Savings Total = \$99,371.32

87% Total Savings



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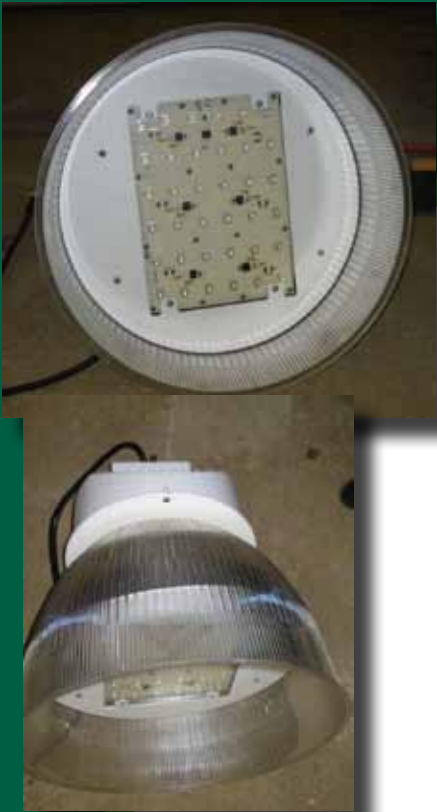
Clean Light Green Light LED Retrofit Plates

Applications:

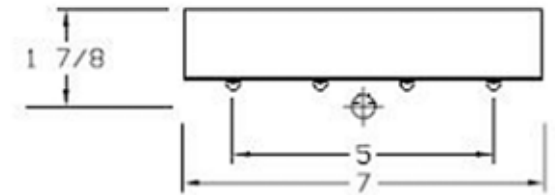
CLGL LED Plates can retrofit in almost any form of HID technology. Cobra Heads, Wall Packs, Warehouse High Bay, Shoeboxes and Canopy Lighting. Dry or wet applications.

Specifications:

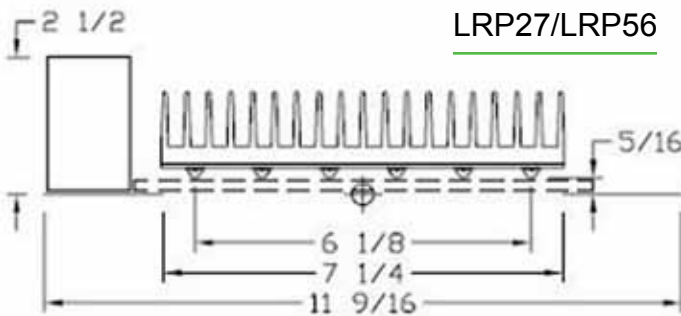
- UL/CSA approved for retrofit purposes.
- No on/off hour rating specifications.
- 24hr run hard design.
- Patented heat sync technology ensures the life rating of our Retrofit Plates.
- No hazardous substances, ROHS compliant. Ne mercury or lead.
- 100% recyclable materials.
- 5500K Cree Chips.



LRP88



LRP27/LRP56



Model	Wattages	HID Equivalent
LRP27	27 W	150 W
LRP56	56 W	250 W
LRP88	88 W	400 W

Data:

- 50,000 hour rating.
- 90-277V capability (other voltages available by request).
- Operating temperature range of -40° to 140° celsius.
- Operating humidity range of 10-99%.
- 92 CRI.
- Energy Star® compliant.
- Covered by our 5 year warranty.
- 87.9 nominal lumens per watt.
- Rugged design / vibration resistant.
- Unlimited mounting configurations.
- Polarity protection.





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Clean Light Green Light LED Retrofit Plates Installation Guide

Typical 2x2 Surface Mount and Pole Lights

1. After ensuring the affected circuits are off, drop down lens frame and clean the glass.
2. Remove the bulb and carefully deposit in recycle container provided.
3. Remove reflector and ballast.
4. Remove Retro Kit from container and hang from provided chain to a secure bracket on the existing fixture housing.
5. Attach electric wires from kit to existing leads in fixture.
6. Secure kit using screws provided.
7. Close lens frame.
8. Test for proper operation.





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LED Spot Lights

LED spots are great for any application that needs clean color rendering. LED creates light that is crystal clear so all the colors can be seen in the form they are meant to be seen in. Also great for those hard to reach places, with no maintenance, you get a better ROI on costly repairs.

Part No. SPOT01



Voltage	90-260v
Watts	28w
Lumens	1850
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°

Part No. SPOT04

Voltage	90-260v
Watts	50w
Lumens	3250
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°



Part No. SPOT02

Voltage	90-260v
Watts	30w
Lumens	1950
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°



Part No. SPOT05

Voltage	90-260v
Watts	70w
Lumens	4550
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°



Part No. SPOT03

Voltage	90-260v
Watts	48w
Lumens	3120
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°



Part No. SPOT06

Voltage	90-260v
Watts	100w
Lumens	6500
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°



Part No. SPOT07

Voltage	90-260v
Watts	120w
Lumens	7800
Color (K)	5000-6000
IP Rating	IP65
Color Rendering	85
Angle	40°, 80°, 120°
Operating Temperature	-40° - -140°





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*Great Light...
Has Never
Been...*

So Green!



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LR4

Preliminary - 03/08
4" Recessed Architectural Downlight

Product Description:

The LR4 is a recessed architectural downlight designed for use in commercial and residential applications. Variations include a moderate or deep shield angle offering flexibility to meet diverse lighting design requirements. It is suitable for use in insulated and non-insulated ceilings. The LR4 generates white light with LED's in a new way that enables an unprecedented combination of light output, efficacy, beautiful color, and affordability.

U.S. Patent # 7,213,940 issued. Numerous patents pending.

Performance Summary:

LR4 15 degree shield angle

- 540 lumens
- Nominal Input Power of 11.0W
- CCT = 2700K or 3500K
- CRI = 94 (2700K) = 91 (3500K)

LR4 30 degree shield angle

- 515 lumens
- Nominal Input Power of 11.8W
- CCT = 2700K or 3500K
- CRI = 94 (2700K) = 91 (3500K)



LR4



H4



LR4E-30 and LR4E-15



R4-30A and R4-15A



Ordering Information:

Example: H4 LR4E-15 LT4-15A

Luminaire is ordered as three components (housing, light engine, and reflector) which ship separately.

Housing

H4

Light Engine

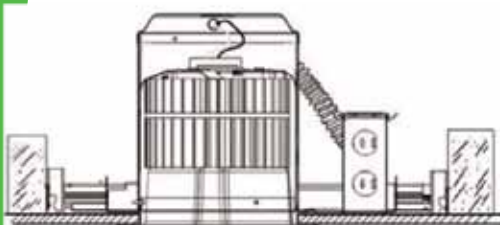
- LR4E-15 120V, 15° shield, 2700K
- LR4E-15C 120V, 15° shield, 3500K
- LR4E-30 120V, 30° shield, 2700K
- LR4E-30C 120V, 30° shield, 3500K

Reflector

- LT4-15A 15° shield diffuse anodized
- LT4-30A 30° shield diffuse anodized

Standard Color Options - Add letters from below to end of description for colors (R4-15AP)

- W - Wheat
- P- Pewter
- B - Black
- G - Graphite
- M- Mocha
- WH - White Paint





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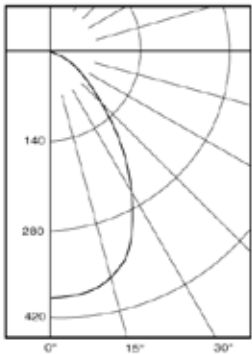
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LR4

Preliminary - 03/08
4" Recessed Architectural Downlight

Photometry:

H4 LR4E-15 R4-15A - ITL Test #59866

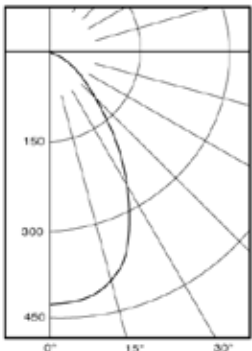


Intensity (Candlepower) Summary	
ANGLE	MEAN CP
0°	391
5°	387
15°	364
25°	298
35°	193
45°	102
55°	38
65°	5
75°	1
85°	0
90°	0

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIX
0°- 30°	275	53.5	47.9
0°- 40°	397	76.9	70.9
0°- 60°	509	98.8	96.0
0°- 90°	515	100	100

H4 LR4E-15 R4-30A - ITL Test #59865



Intensity (Candlepower) Summary	
ANGLE	MEAN CP
0°	378
5°	373
15°	340
25°	278
35°	200
45°	114
55°	52
65°	19
75°	1
85°	0
90°	0

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIX
0°- 30°	259	47.9	53.5
0°- 40°	383	70.9	76.9
0°- 60°	518	96	98.8
0°- 90°	540	100	100.0

Specifications and Features:

Light Emitting Diodes

- Proprietary technology delivers high quality white light.
- Designed for 50,000 hours useful lifetime - when light output drops below 70% of initial output.
- Active color maintenance.

Construction

- Ships in three components. Recessed architectural housing with rugged, integral extruded aluminum bar hangers, light engine with retention mechanism, and architectural reflector.
- Durable cold rolled steel housing and extruded aluminum heat sink suitable for insulated or un-insulated ceilings.
- Integrated thermal management system conducts heat away from LED and transfers it to the surrounding environment. LED junction temperatures stay below specified maximums when installed in attic insulation with temperatures exceeding 60 degrees Celsius.

Optical System

- Proprietary optical system utilizes a unique combination of reflective and refractive optical components to achieve a uniform, comfortable appearance. Pixelation and direct view of uncomfortable LEDs is eliminated.
- Lower reflector with available 15 or 30 degree shield angle. smooth, non-distracting aperture appearance with lamp visible before lamp image.

Electrical System

- Integral, high efficiency driver and power supply. Power factor > 0.95. Input voltage = 120V,60Hz.
- Dimmable to 20% with most incandescent and electronic low voltage dimmers.

(reference www.lfinc.com for recommended dimmers)

Regulatory

- Tested and certified to UL standards. Suitable for damp locations.
- Exceeds high efficacy requirements for California Title-24.

Installation:

- Recessed housing with integral nailer and ceiling grid attachment detail. Integral bar-hangers accommodate spans from 10-1/4" to 24-3/4" without sag.
- Adjustable bar hanger brake prevents hangers from sliding during installation and holds position once installed.
- Integral t-bar attachment clip engages with suspended ceiling to support fixture.
- Dimensions: h = 7", w = 8-3/4", l = 14".
- Accommodates ceiling thickness from 1/4" to 4-5/8".
- Reference www.lfinc.com for detailed installation instructions.



Adjustable bar hanger brake



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LR6

6" Downlight Module



LR6



Product Description:

The LR6 is a downlight module for new construction and retrofit that installs easily in most standard six inch recessed IC or non-IC housings. The LR6 generates white light with LEDs in a new way that enables an unprecedented combination of light output, high efficacy, beautiful color, and affordability.

U.S. Patent # 7,213,940 issued. Numerous patents pending.

Performance Summary:

- Nominal delivered light output = 650 Lumens
- Nominal input power = 12 Watts
- CRI = 92
- CCT = 2700k or 3500k
- Dimmable to 20%

Ordering Information:

LR6 - 120V, Incandescent Color (2700K), Edison Base (STANDARD)

LR6-GU24 - 120V, Incandescent Color (2700K), GU24 Base

LR6C - 120V, Neutral Color (3500K), Edison Base

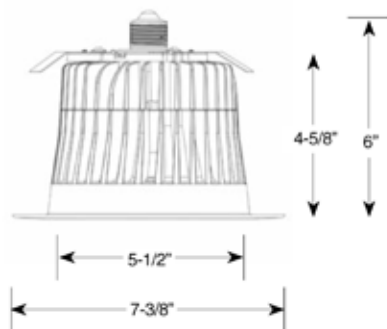
LR6C- GU24 - 120V, Neutral Color (3500K), GU24 Base



LR6-GU24



LR6C



Accessories:

Compatible with all LR6 Models

LT6A - Diffuse anodized trim

LT6AW - Wheat Diffuse anodized trim

LT6AP - Pewter Diffuse anodized trim

LT6AB - Black Diffuse anodized trim

LT6AWH - Smooth White trim

LT6AG - Graphite Diffuse anodized trim

LT6AM - Mocha Diffuse anodized trim



LT6A



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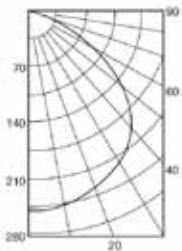
1.888.499.LEDS(5337)

LR6

6" Downlight Module

Photometry:

LR6 - 120V, Incandescent Color (2700K), Edison Base (STANDARD). Lighting Sciences Inc. Certified Test #22226.



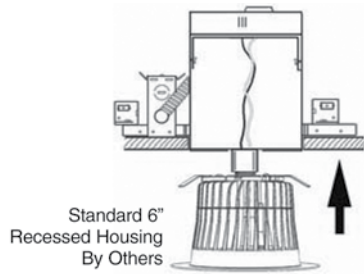
ANGLE	MEAN CP
0°	249
5°	248
15°	242
25°	228
35°	203
45°	165
55°	115
65°	62
75°	24
85°	6
90°	0

Zonal Lumen Summary

ZONE	LUMENS	%LAMP	%FIX
0°-30°	196	30.39	30.30
0°-40°	323	49.94	49.94
0°-60°	553	85.35	85.35
0°-90°	647	100.00	100.00

Installation:

- Designed to easily install in standard 6" downlight housings from the majority of manufacturers.
- Quick install system utilizes a unique retention feature. Attach socket to module. Adjust module to ready position and slide into housing. Rotate module 1/4 turn to the right to lock in place.
- Reference www.creeLLS.com for housing compatibility.



Standard 6" Recessed Housing By Others

Specifications and Features:

Light Emitting Diodes

- Proprietary technology delivers high quality white light.
- Designed for 50,000 hours lifetime - when light output drops below 70% of initial output.
- Active color management system maintains color consistency.

Construction

- Durable die-cast aluminum upper housing, lower housing, and uppercover.
- Integrated thermal management system conducts heat away from LED and transfers it to the surrounding environment. LED junction temperatures stay below specified maximums when installed in attic insulation with temperatures exceeding 60 degrees Celsius.

Optical System

- Proprietary optical system utilizes a unique combination of reflective and refractive optical components to achieve a uniform, comfortable appearance. Pixelation and direct view of uncomfortable LED's is eliminated.
- White Lower Reflector balances brightness of refractor with the ceiling to create comfortable high-angle appearance. Works with refractor to deliver an optimized distribution that illuminates walls and vertical surfaces increasing the sense of spaciousness.

Electrical System

- Integral, high efficiency driver and power supply. Power factor > 0.95
- Input voltage = 120V, 60Hz.
- Dimmable to 20% with some incandescent dimmers.

Regulatory

- Tested and certified to UL standards. Suitable for damp locations.
- Utilize GU-24 base for new construction projects in California or other areas where high efficacy line voltage sockets are required.
- Exceeds California Title-24 high efficacy luminaire requirements.

Application Comparison:

Kitchen:

	6' x 6' Spacing		5' x 5' Spacing		4' x 4' Spacing	
	Workplane Illuminance	Wall Illuminance	Workplane Illuminance	Wall Illuminance	Workplane Illuminance	Wall Illuminance
LR6	15.1	8.0	19.9	10.7	27.2	15.4
65W BR30 White Baffle	14.0	6.3	18.7	8.6	26.1	12.6
18W CFL White Baffle	15.5	7.9	20.8	10.6	28.7	15.4
50W PAR30 White Baffle	16.7	4.1	22.9	5.7	34.1	8.6



Notes:
-Average initial illuminance in footcandles, reflectances=80/50/30, workplane height=2.5', ceiling height=9'
-Nine lights per room. Room sizes=18'x18', 15'x15', 12'x12'

Hallway:

	6' Spacing		8' Spacing		10' Spacing	
	Workplane Illuminance	Wall Illuminance	Workplane Illuminance	Wall Illuminance	Workplane Illuminance	Wall Illuminance
LR6	12.6	6.8	9.6	5.2	7.6	4.0
65W BR30 White Baffle	12.0	5.3	9.1	4.0	7.2	3.2
18W CFL White Baffle	13.0	6.6	10.1	5.1	7.9	4.0
50W PAR30 White Baffle	14.6	3.1	11.2	2.6	9.1	1.8

Notes:
-Average initial illuminance in footcandles, reflectances=80/50/30, workplane height=2.5', ceiling height=9'
-Six lights per hall, width=6'





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Can Compatibility*

LR6/LR6C

Capri

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
CIND6		✓		Remove "L" bracket. Unclip Edison socket from bracket.
CR1		✓		Remove "L" bracket. Unclip Edison socket from bracket.
CR1NB	✓			
CR1NBQP	✓			
CR1QP		✓		Remove "L" bracket. Unclip Edison socket from bracket.
CRR1		✓		Remove "L" bracket. Unclip Edison socket from bracket.
CRR1NB	✓			
CRR1NBQP	✓			
CRR1QP		✓		Remove "L" bracket. Unclip Edison socket from bracket.
PR1		✓		Remove "L" bracket. Unclip Edison socket from bracket.
PR75ASIC		✓		Remove "L" bracket. Unclip Edison socket from bracket.
PR75IC		✓		Remove "L" bracket. Unclip Edison socket from bracket.
QL1		✓		Remove "L" bracket. Unclip Edison socket from bracket.
QL1NB	✓			
QL1NBQP	✓			
QL1QP		✓		Remove "L" bracket. Unclip Edison socket from bracket.

*Compatibility was determined based on whether the LR6 would fit within the identified can when appropriately modified. The presence of a can on the compatibility chart is not a guaranty or warranty of the compatibility of the LR6 in any particular installation. The absence of a can from the compatibility chart does not indicate that the LR6 is not compatible with a particular can. In any install, the installer should make sure that the LR6 is securely retained in the fixture at the time of install.



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Can Compatibility*

LR6/LR6C

Halo

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
H7ICAT		✓		Remove "L" bracket and backing plate. Unclip socket from backing plate.
H7ICATNB	✓			
H7ICT		✓		Remove "L" bracket and backing plate. Unclip socket from backing plate.
H7ICTNB	✓			
H7RICAT		✓		Remove "L" bracket and backing plate. Unclip socket from backing plate.
H7RICT		✓		Remove "L" bracket and backing plate. Unclip socket from backing plate.
H7RT		✓		Remove "L" bracket. Unclip Edison socket from bracket.
H7T	✓			
H7TNB		✓		
H7UICAT		✓		
H7UICT		✓		

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LR6/LR6C

Juno

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
IC2		✓		Loosen two socket bracket screws and turn socket bracket to free it. Bend side tabs down slightly.
IC22		✓		Must remove socket bracket by removing the two mounting screws.
IC22R		✓		Loosen socket bracket screw and turn socket bracket to free it. Bend side tabs down slightly. Loosen backing plate slide nuts. Pry backing plate slide over slide stops. Bottom out backing plate.
IC22W		✓		Loosen socket bracket screw and turn socket bracket to free it. Bend side tabs down slightly. Loosen backing plate slide nuts. Pry backing plate slide over slide stops. Bottom out backing plate.
IC23		✓		Loosen socket bracket screw and turn socket bracket to free it. Bend side tabs down slightly.
IC2W		✓		Loosen two socket bracket screws and turn socket bracket to free it. Bend side tabs down slightly.
TC2		✓		Loosen two socket bracket screws and turn socket bracket to free it. Bend side tabs down slightly.
TC2R		✓		Loosen socket bracket screw and turn socket bracket to free it. Bend side tabs down slightly. Can depth must be set > 6".
TC2W		✓		Loosen two socket bracket screws and turn socket bracket to free it. Bend side tabs down slightly.

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Can Compatibility*

LR6/LR6C

Lightolier

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
1102P1			✓	
1104IC		✓		Remove socket assembly from can. Bend short clips back. Leave the long clips as is. Screw CLGL fixture into Edison socket and fully extend CLGL retaining clips. Push assembly into can and turn 1/4 turn. To remove fixture, unscrew from Edison socket.
1104ICN		✓		Remove socket assembly from can. Bend short clips back. Leave the long clips as is. Screw CLGL fixture into Edison socket and fully extend CLGL retaining clips. Push assembly into can and turn 1/4 turn. To remove fixture, unscrew from Edison socket.
1104ICR		✓		Remove socket assembly from can. Bend short clips back. Leave the long clips as is. Screw CLGL fixture into Edison socket and fully extend CLGL retaining clips. Push assembly into can and turn 1/4 turn. To remove fixture, unscrew from Edison socket.
1104ICX			✓	
1104ICXN			✓	

Lithonia

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
L7X			✓	
L7XR		✓		
LC6		✓		
LP6		✓		

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Can Compatibility*

LR6/LR6C

Liton Lighting

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
LH7IC-LLF		✓		Remove "L" bracket and backing plate. Unclip socket from backing plate.
LH7-LLF	✓			
LH7R-LLF		✓		Remove "L" bracket. Unclip Edison socket from bracket.

Progress

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
P187-TG			✓	
P821-AT		✓		Must remove Edison socket from spring clips. Spring clips must then be bent back into the can. Cutting spring clips is another option. Reflector can be left in place.
P87-AT			✓	
P87-ATQC		✓		Must remove Edison socket from spring clips. Spring clips must then be bent back into the can. Cutting spring clips is another option.

*Compatibility was determined based on whether the LR6 would fit within the identified can when appropriately modified. The presence of a can on the compatibility chart is not a guaranty or warranty of the compatibility of the LR6 in any particular installation. The absence of a can from the compatibility chart does not indicate that the LR6 is not compatible with a particular can. In any install, the installer should make sure that the LR6 is securely retained in the fixture at the time of install.



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Can Compatibility*

LR6/LR6C

Seagull

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
1107		✓		Remove socket bracket wingnut and screw. Remove socket bracket. Unclip socket from bracket.
1108		✓		Remove socket bracket wingnut and screw. Remove socket bracket. Unclip socket from bracket.
1118		✓		Remove socket bracket wingnut and screw. Remove socket bracket. Unclip socket from bracket.
1119			✓	
1128		✓		Remove socket bracket wingnut and screw. Remove socket bracket. Unclip socket from bracket.
1128QC		✓		Remove socket bracket wingnut and screw. Remove socket bracket. Unclip socket from bracket.

Quorum International

Part Number	Compatible as is	Compatible with Modifications	Not compatible	Recommended modifications
903		✓		Remove "L" bracket. Unclip Edison socket from bracket.

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Recommended Dimmers*† LR6/LR6C

Cooper

Product	Part Number	Min. Load†
Aspire	9530WS	60W
Aspire	9530DS	60W
Aspire	9530SG	60W

When coupled with a recommended dimmer, the LR6 family of fixtures will provide maximum rated output when the dimmer is set full open and will typically turn off when dimmed below 25% of maximum rated output.

Leviton

Product	Part Number	Min. Load†
Illumitech	IPI06-1LX	-
Illumitech	IPI06-LZ	-
Illumitech	IPI06-LAW	-
Illumitech	IPI06-LEI	-
Illumitech	RPI06-10X	-
Illumitech	RPI06-LEI	-

Product	Part Number	Min. Load†
Tritron	6602-I	-
Tritron	6602-W	-
Tritron	6681-A	-
Tritron	6681-IW	-
Tritron	6682	-
Tritron	6683-A	-

Product	Part Number	Min. Load†
Tritron	6683-IW	-
Tritron	6684	-
Tritron	6684-IW	-
Tritron	700-I	-
Tritron	705-I	-
Tritron	705-W	-

The Wattstopper

Product	Part Number	Min. Load†
Miro	DCD267-A	25W
Miro	DCD267-B	25W
Miro	DCD267-I	25W
Miro	DCD267-W	25W
Miro	MCD267-A	25W
Miro	MCD267-G	25W
Miro	MCD267-W	25W

*Compatibility was determined based on operation of the LR6 with a particular dimmer or type of dimmer for a given manufacturer. In some cases additional load was used with the LR6 to meet the manufacturers minimum load requirements for a dimmer. The presence of a dimmer on the compatibility chart is not a guaranty or warranty of the compatibility of the LR6 in any particular installation. The absence of a dimmer from the compatibility chart does not indicate that the LR6 is not compatible with a particular dimmer

†Please refer to the dimmer manufacturer's installation instructions for proper installation and minimum load requirements. Maintaining manufacturer's minimum load requirements is critical to the proper performance of a dimmer.



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GU-24 SOCKET ASSEMBLY WHIP INSTALLATION

CAUTION:
TURN OFF POWER TO FIXTURE BEFORE
CONNECTING GU-24 SOCKET TO FIXTURE INPUT WIRES!

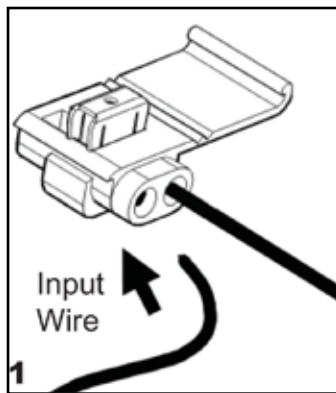
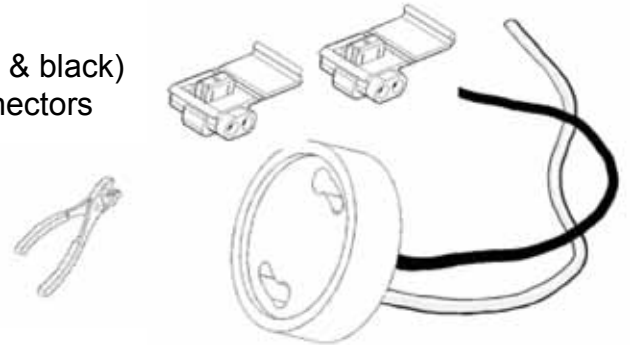
See Installation instructions for fixture for further assembly instructions.

Parts:

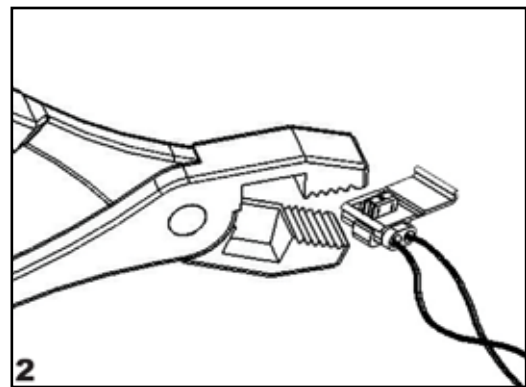
- Gu-24 Socket with two wires (white & black)
- (2) Insulation Displacement Connectors

Tools Needed:

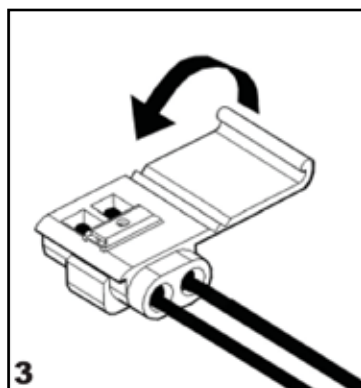
- Pliers to Crimp connectors on



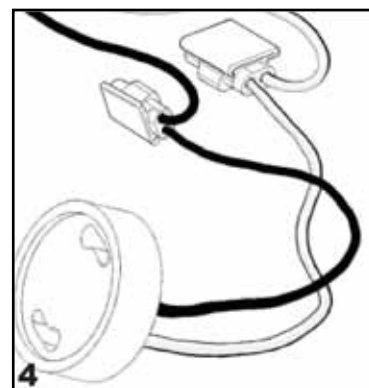
1. Insert blunt cut Black wires of both input and whip fully into one connector.



2. Crimp down on the metal blade with medium pressure until swing door can be closed and locked.



3. Fold over swing door until it snaps closed. Repeat procedure 1-3 for white wires.



4. Socket is now ready to be used to connect new fixture.



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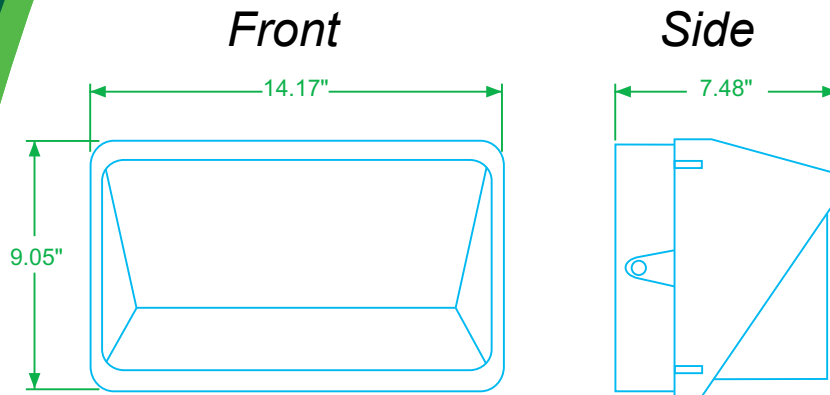
LED Wall Packs



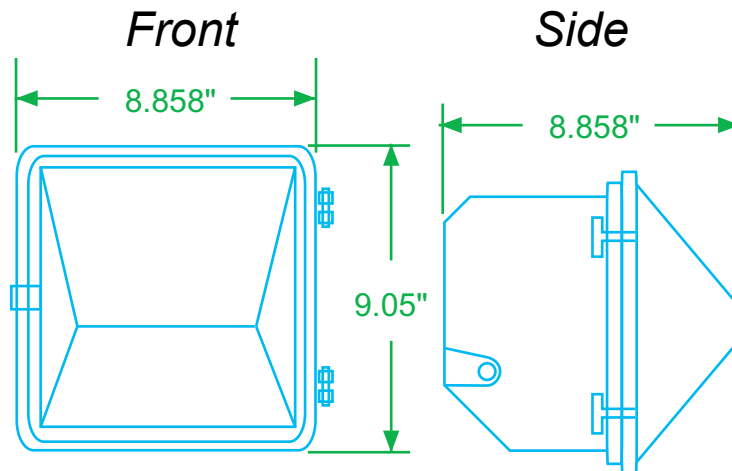
Specifications:

Model No.	Watts	Lumens	Voltage	Color (K)	IP Rating	CRI	Beam Angle	Housing	Face
CLGLWP15	15	1200	110-240V	5750	IP54	85	100x30	Aluminum	Glass
CLGLWP20	20	1600	100-277V	5750	IP54	85	100x30	Aluminum	Glass

Dimensions (20W):



Dimensions (15W):





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LED Warehouse & High Bay Fixtures A Bright Idea in Logistics!

**TOP
SELLER!**



Applications:

CLGL LED Warehouse High Bays can retrofit in almost any form of Warehouse/HID technology. IP Rating of 65.

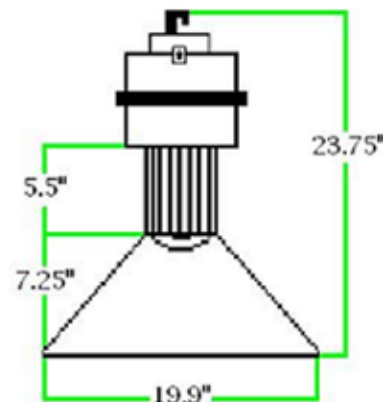
Specifications:

- No on/off hour rating specifications.
- Works with existing occupancy sensing technology.
- Patented heat sync technology ensures the life rating of our High Bays.
- No hazardous substances, ROHS compliant. No mercury or lead.
- 100% recyclable materials.
- Revolutionary 100W Chip Array.
- 5000-5500K COLOR.

Data:

- 90-264V capability (other voltages available by request).
- Operating temperature range of -40° to 140° celsius.
- Operating humidity range of 10-99%.
- 92 CRI.
- Energy Star® compliant.
- Covered by our 5 year warranty.

Model	Wattages	HID Equivalent
CLW40A	41 W	175 W
CLW50	52 W	250 W
CLW60	63 W	300 W
CLW70	73 W	350 W
CLW100A	104 W	400 W





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Model Number	Wattage	Lumens	Voltage	Color	IP Rating
CLW72	72W	5040	90-260	5000-6000K	65
CLW100	100W	7000			



Model Number	Wattage	Lumens	Voltage	Color	IP Rating
CLW28	28W	1960	90-260	5000-6000K	40
CLW40	40W	2800			



Model Number	Wattage	Lumens	Voltage	Color	IP Rating
CLW70	70W	4900	90-260	4200-6500K	65
CLW90	90W	6300			
CLW110	110W	7700			

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High Powered LED Street Lighting



**The Clean Way...
To Light The Road Ahead!**



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High Powered LED Street Lighting

Product Description:

- *LED street lighting projects have the most ROI of any LED product.*
- *Reduce costs and carbon output by <70%.*
- *No costly road crew maintenance.*
- *Direct line wiring means no starter or capacitor to replace.*
- *Lighting project for municipalities can receive grant funding.*
- *Streets are brightly lit; diminishing night blindness.*





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High Powered LED Street Lighting

Area of Illumination:

- A 145W LED Street Light can save up to 76% on energy costs.
- The illumination area is more than double of that of a Metal Halide Lamp.
- Clearly defined illumination area; center to edges
- No glare or light pollution.





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High Powered LED Street Lighting

Area of Illumination:

- A: Comfortable color temperature with no glare. The objects illuminated are presented with true color.
- B: Color temperature is too high with strong glare (resembling cyan). The objects illuminated are presented with untrue color.
- C: Color temperature is too low with strong glare (resembling a yellow to almost orange). The objects illuminated are presented with untrue color.





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High Powered LED Street Lighting

Photometric Performance:

The optics of the Bat Wing Beam Pattern, allows for steady coverage across the road surface. Continuous steady coverage from the center to the edges. The full extent of the Cree LED chips are utilized in this great fixture line.

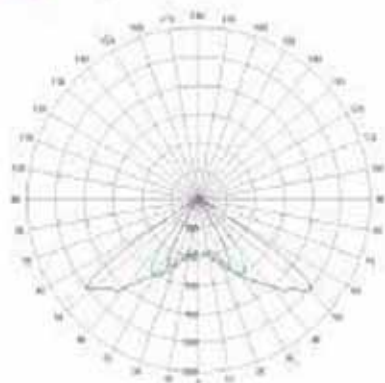
Full cut off for compliance with Dark Sky Codes.

Energy efficiency never looked so good.

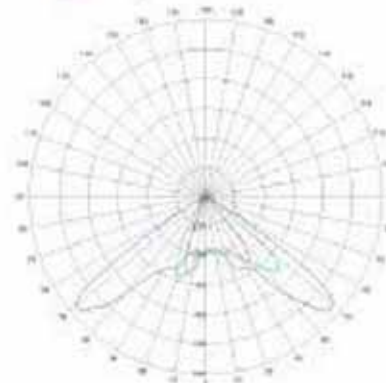


◆ Light Distribution Curve

① Lamp's Plane Installation



② Lamp's Inclined Installation





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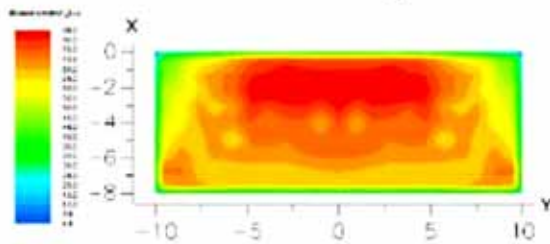
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High Powered LED Street Lighting

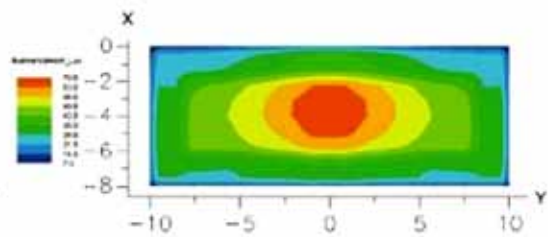
Compared illumination of a single light source:

Lamp	Item	Lamp Height (ft)	Lamp Pole Space (ft)	Illumination				Electric Parameter						Measure Instrument
				Maximum	Minimum	Average	Uniformity	Working current(A)	Working Voltage (V)	Power consumption	System consumption	Power factor	Tuned Wave distortion	
112W LED Street Lamp	Measurement	7.5	20	40	22.6	33.2	0.7	0.66	AC85-264	143	145	0.99	15%	Illumination calculation parameter list
	Revised	\	\	94	53.1	78	\	\	\	\	\	\	\	
250W Sodium Lamp	Measurement	7.5	20	68.3	21.6	40.4	0.45	3.05	AC210-230	302	670	0.45	\	
	Revised	\	\	64.2	20.3	37.9	\	\	\	\	\	\	\	
250W Metal Halide Lamp	Measurement	7.5	20	34.6	2	12.6	0.15	2.8	AC210-230	308	616	0.5	\	
	Revised	\	\	73	4.2	26	\	\	\	\	\	\	\	

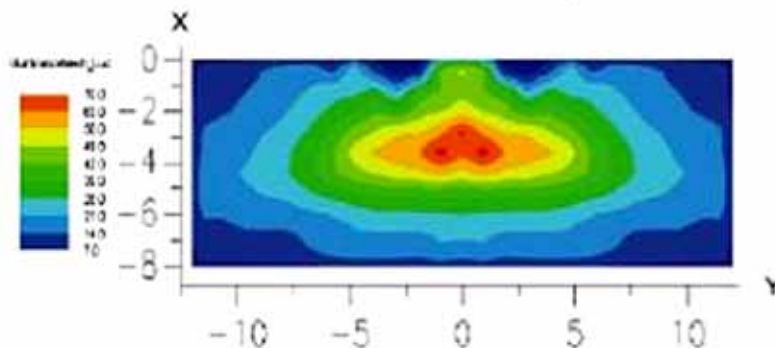
STLX4 (Height=25')
145W Total Usage



250W HPS (Height=25')
670W Total Usage



250W Halide (Height=25')
616W Total Usage



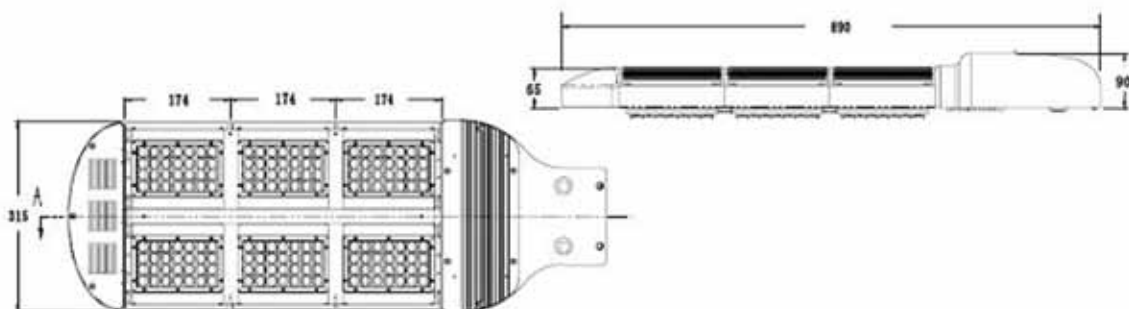
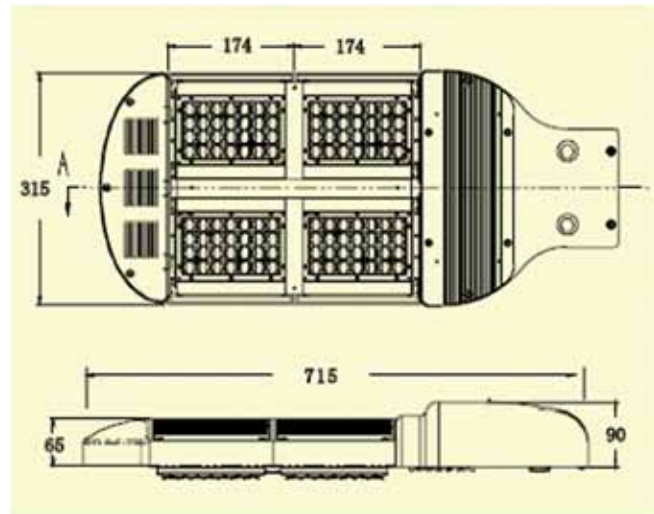
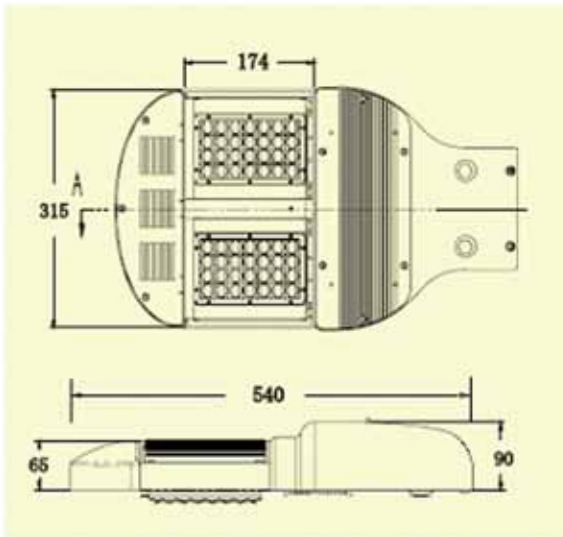
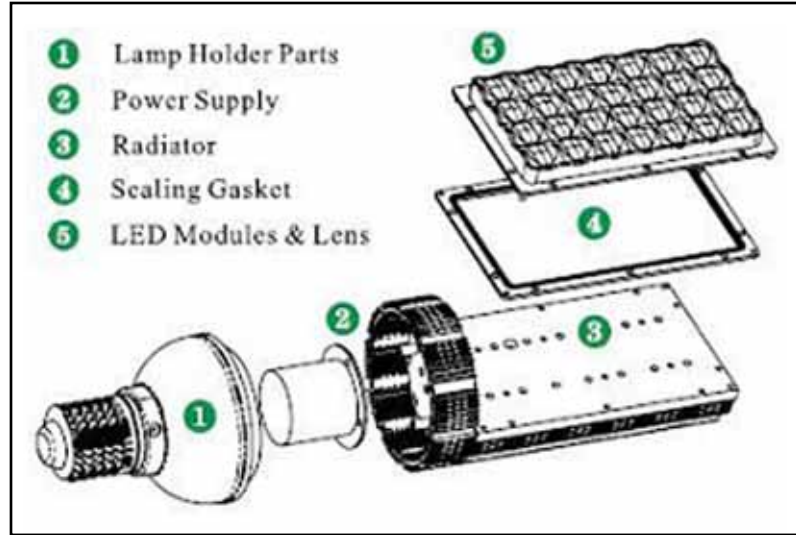
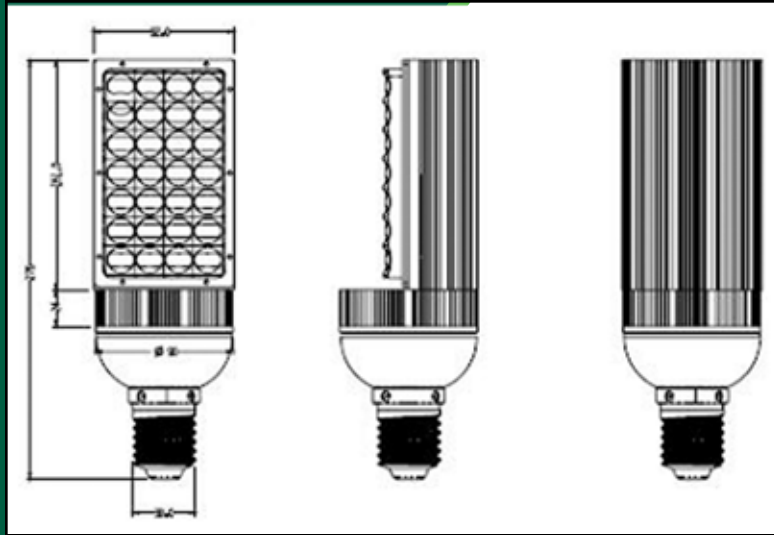


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High Powered LED Street Lighting

Anatomy of our Street Lights:



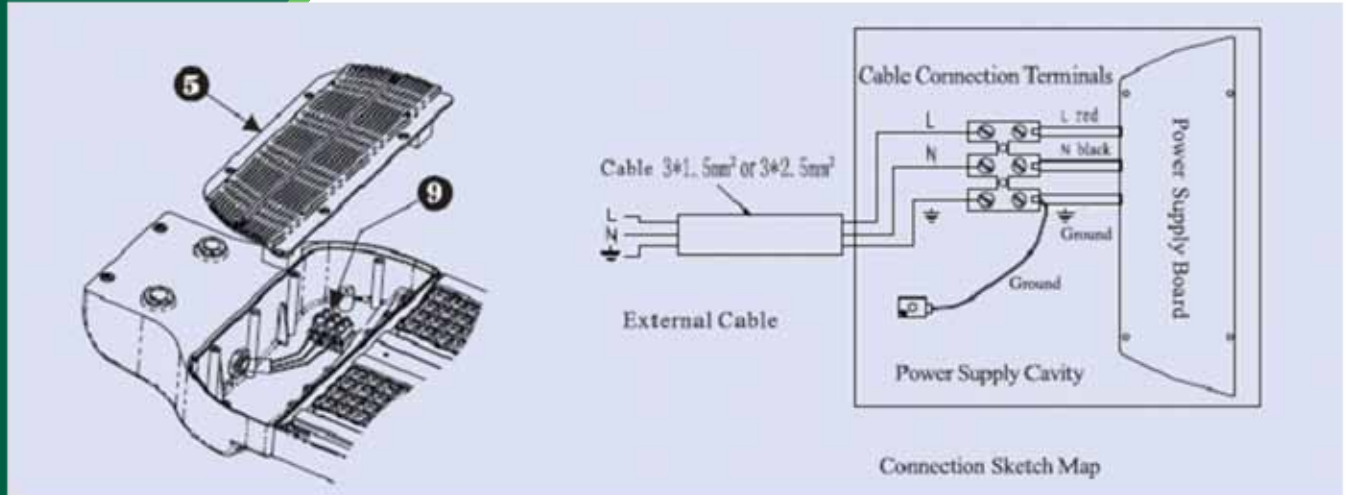


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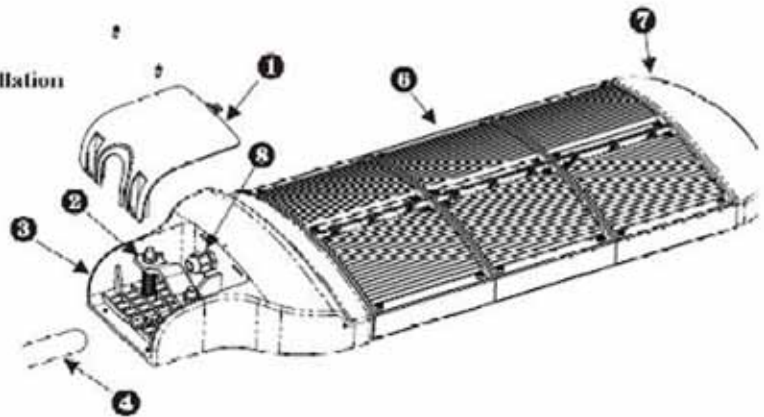
High Powered LED Street Lighting

Anatomy of our Street Lights:

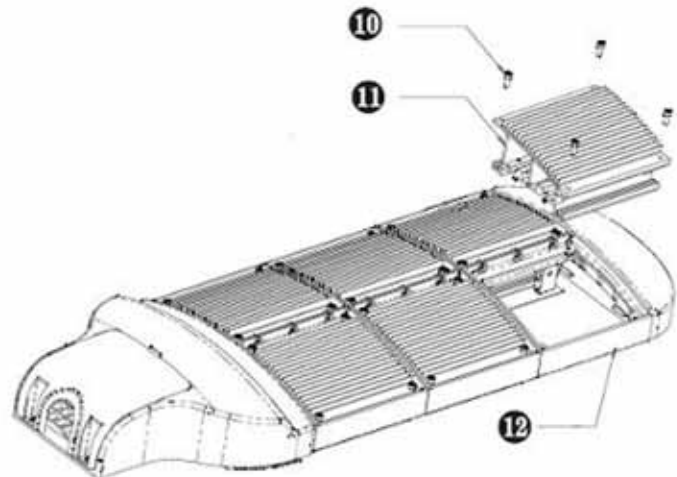


Sketch Map for Streetlight and Lamp Pole Installation

- 1 Rubber Cover
- 2 Hoop
- 3 Tailstock
- 4 Lamp Pole
- 5 Board of Power Supply
- 6 Module & Framework
- 7 Frame
- 8 Cable fixing head
- 9 Junction



- 10 Fixed screws
- 11 LED Module
- 12 Frame





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High Powered LED Street Lighting

Models:

Model Number	STLX2	STLX4	STLX6	
Input Voltage	85 – 264V			
Frequency Range	47 – 63 Hz			
Power Factor	.95			
Harmonic Distortion	<20%			
Power Efficiency	90%			
LED Voltage	24 VDC			
LED Consumption	56W	112W	168W	
Power Supply	10W	20W	30W	
LED Efficiency	>80 LM/W			
LED Initial Flux	5,000 lm (Tj=25C)	10,000 lm (Tj=25C)	15,000 lm (Tj=25C)	
LED Maintain Flux	4,600 lm (Tj=60C, Ta=25C)	9,300 lm (Tj=60C, a=25C)	14,000 lm (Tj=60C, Ta=25C)	
Lamp's Flux	4,200 lm (Tj=60C, Ta=25C)	8,400 lm (Tj=60C, Ta=25C)	12,600 lm (Tj=60C, Ta=25C)	
Lamp's Efficiency %	>90%			
Replacement Against HPS Lamp	vs 150W	vs 250W	vs 400W	
Replacement Illumination Against HPS Lamp	20 feet	26 LUX vs 65 LUX	53 LUX vs 132 LUX	80 LUX vs 200 LUX
	26 feet	15 LUX vs 38 LUX	30 LUX vs 75 LUX	45 LUX vs 113 LUX
	33 feet	9 LUX vs 20 LUX	18 LUX vs 45 LUX	28 LUX vs 70 LUX
	40 feet	6 LUX vs 15 LUX	13 LUX vs 33 LUX	20 LUX vs 50 LUX
Effective Illumination Area Spread	(Height= 20ft): 66 x 26 ft, (Height= 26ft): 85 x 33 ft (Height= 33ft): 108 x 43 ft, (Height=40ft): 131 x 53 ft			
Color Temp (CCT)	Pure White 5,400 -6,500K, Warm White 3,000-4,000K			
Color Index (CRI)	Ra >80			
LED Chip	Cree® XRE® LED			
Light Distribution	Asymmetric (Bat Wing)/ Rectangular Beam			
Max Light Intensity	120: Horizontal Axis: 110, Vertical Axis: 45 140: Horizontal Axis: 130, Vertical Axis: 45			
Light Beam Angle	120: Horizontal Axis: 120, Vertical Axis: 60 140: Horizontal Axis: 140, Vertical Axis: 60			
Junction Temperature	60C +/- 10% (Ta=25C)			
Working Temperature	-40 F – 125 F			
Working Humidity	10% -90% RH			
Working Life	> 50,000 hours			
Housing Materials	Aluminum Alloy and PC			
IP Rating	IP 65			
Warranty	5 Year Warranty			

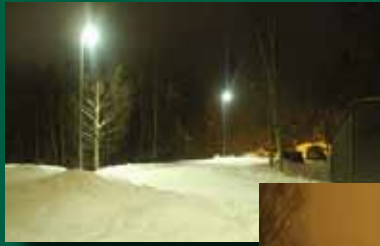


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High Powered LED Street Lighting

Models:



Model	Voltages	LEDs @ 1 Watt	Lumens	Heights
STLRET	12/24 VDC 110/220 VAC	28	2380	13-23'



Model	Watts	Voltage	Lumens	Replaces
STLX2	66	85-264V	5854.2	150W HPS



Model	Watts	Voltage	Lumens	Replaces
STLX4	132	85-264V	11708.4	250W HPS



Model	Watts	Voltage	Lumens	Replaces
STLX6	198	85-264V	16675.6	400W HPS



Model	Watts	Voltage	Lumens	Replaces
STLX8	254	85-264V	22529.8	400W+ HPS

! All models are Photo Cell Compatible !



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High Powered LED Street Lighting

Models:



Model No.	Voltages	LEDs @ 1 Watt	Lumens	Heights
STLG30	12/24 VDC 110-220 VAC	30	2550	13-23'
STLG50		50	4250	19-33'
STLG80		80	6800	



Model No.	Voltages	LEDs @ 1 Watt	Lumens	Heights
STL50	12/24 VDC 110-220 VAC	50	4250	18-32'
STL80		80	6800	
STL90		90	7650	25-38'
STL100		100	8500	
STL120		120	10200	



Model No.	Voltages	LEDs @ 1 Watt	Lumens	Heights
STLW30	12/24 VDC 110-220 VAC	30	2550	13-23'
STLW50		50	4250	19-33'
STLW80		80	6800	



Model No.	Voltages	LEDs @ 1 Watt	Lumens	Heights
STLH30	12/24 VDC	30	2550	13-23'
STLH50	110-220 VAC	50	4250	19-33'

!All models are Photo Cell Compatable!

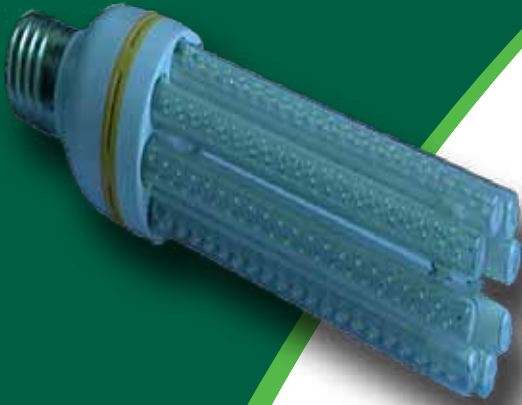


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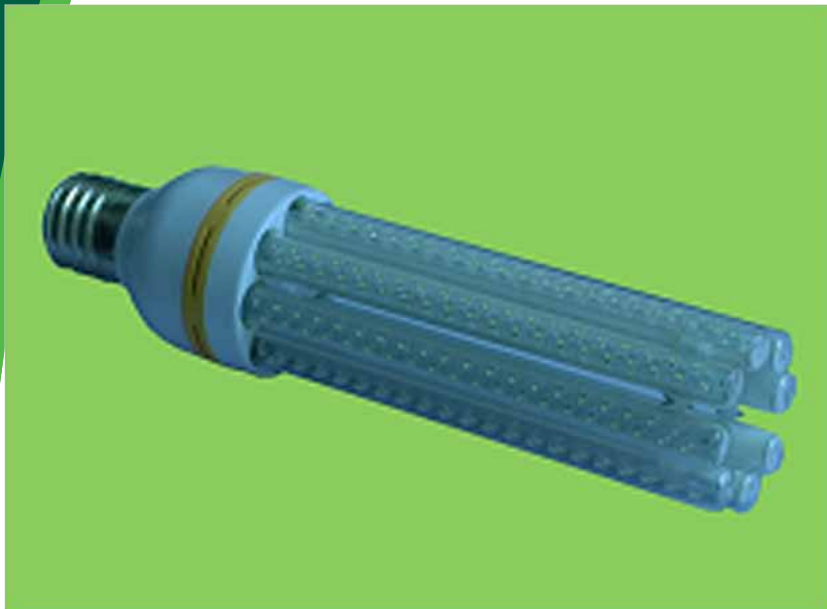
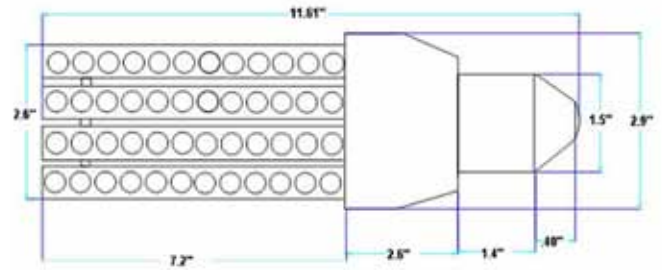
CLGL Courtyard Series

The Courtyard Series is perfect for the Lamp Post Series of lighting. The retrofit for these bulbs is a very simple, easy way to retrofit your fixture to an LED fixture.



Specifications:

- Voltages 110/220V AC or 12V DC
- 18 Watts
- 2000 Lumens
- Colors: Daylight, Warm and Cold White
- 360° Viewing Angle
- 320 LED's
- Working Temp. – 40 to 140°
- Lifetime >50,000 HRS





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PAR 38 LED Bulb

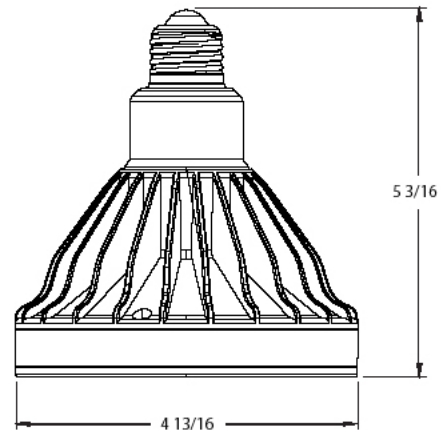
Description:

The LRP-38 is a revolutionary PAR38 lamp that combines the beauty and the intensity of Halogen with the exceptional efficiency and longevity. It is the first LED lamp to deliver on the promise of LED lighting for retail, museum and architectural accent lighting. Its breakthrough performance is achieved by combining the efficacy and high quality light of Cree TrueWhite™ technology with a unique optical and thermal management approach.

U.S. patent #7,213,940 issued. Numerous patents pending.

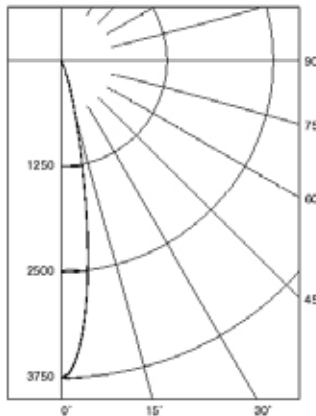
Specifications: Model# PAR38

- Utilizes Cree TrueWhite™ technology.
- CRI: 92.
- CCT: 2700K.
- Active Color Management.
- CBCP: 4000.
- Beam Angel: 20°.
- Maximum Input Power: 12W.
- 42 Lumens per watt minimum.
- Designed to last 50,000 hours in open fixtures.
- Designed to last 35,000 hours in non-IC recessed downlights.



Photometry:

LRP38
ITL Test# 61719



Intensity(Candlepower) Summary

Angle	Mean CP
0°	4000
5°	3441
15°	699
25°	5
35°	0
45°	0
55°	0
65°	0
75°	0
85°	0
90°	0

Zonal Lumen Summary

Zone	Lumens	%Lamp
0°-30°	500	100%
0°-40°	0	0
0°-60°	0	0
0°-90°	500	0



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Terms of Payment

Clean Light Green Light LLP

is the sole receiver of payments.

Our terms of receiving payment are:

-Wire transfer,

below are the Domestic (USA) and International accounts and Codes:

Address:

The Huntington National Bank
39480 Bridgeview Street
Harrison Township, Michigan, USA 48045

Account Number: 01381789890

International Only, Swift Code: HUNTUS33

Domestic Wires: 0440-0002-4

- Company or Certified Cashiers Check. Checks will need 7-10 days to clear.

Payable to Clean Light Green Light LLP

Ask your LED agent about our lease to own program.

- Letter of Credit.

A letter of credit can be obtained by the customer at their discretion. You can obtain this by way of your trusted Financial Institution and should be made in favor of Clean Light Green Light LLP. There are some extra percentage fees imposed by your bank and/or agents working on your behalf in the country of origin.

How a Letter of Credit works.

Your bank of trust will use your good standing to levy a Letter of Credit in Favor of Clean Light Green Light. Upon completion of a common set of standards - usually a packing list and a Bill of Lading from the Steam Ship Line - the bill is to be paid in full to the issuing bank.

This mechanism is in place for first time customers who might not be aware of our exceptional quality or superb reputation. This course of action can help calm perceived risk for customers at the buyers expense. Clean Light Green light will not subsidize any portion of L/C fees and/or agent fees.

1.888.499.LEDS(5337)



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*“Changing The World....
One Light At A Time.”*

888.499.LEDS (5337) ●

fax via web 480.275.3212 ●

cleanlightgreenlight.com ●

Corporate Headquarters: Detroit, Michigan ●



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