

UNIQUE LIGHTING SYSTEMS®



elements™ series

e.l.e.m.e.n.t

noun \e-le-ment\ : A fundamental substance; a distinct part of a composite.

At Unique Lighting Systems®, we believe that each distinct element of the system plays a critical role in the end result – a beautiful lighting portrait. That's why we are excited to bring you the Elements™ Series outdoor lighting portfolio.

The Elements™ Series was created for the discerning customer who wants the latest in high-quality lighting at a great value. True to its name, the Elements™ Series offers a distinctive blend of materials and an authentic styling to match the natural environment in which it is placed.

The Elements™ Series is manufactured by Unique Lighting Systems, a **proven** twenty-year lighting industry leader, and backed by a ten-year warranty*.

Constructed from a marine-grade A360 alloy with a proprietary E-Shield™ coating process, each Elements™ Series fixture comes with a reinforced brass-threaded stake, ensuring it is **professional-grade** quality.

With installation **productivity** in mind most fixtures come standard with a 15 foot wire lead and a one foot *FLEX™* Auxiliary lead. This allows for installation ease and flexibility for future expansion. Plus, all Elements™ Series fixtures are compatible with energy saving *FLEX GOLD™* Series LED lamps.

We invite you to learn why Elements™ Series is WORTH MORE.



WHAT SETS UNIQUE® APART

The HUB and HUB PLUS™ Wiring Methods

For over 20 years Unique Lighting Systems® has provided leadership and distinguished itself as an innovator in the low voltage lighting industry. Our patented HUB wiring system set the benchmark within the industry and continues to be the best solution for productive and energy-saving installations.

Wire connections are the weakest point of any low voltage installation and are susceptible to wicking and water infiltration. Utilizing the HUB installation method will reduce the number of connections by up to 80% versus standard wiring methods. This means less maintenance, less lamp outages and easier troubleshooting. In addition the HUB method utilizes less wire and saves money.



Flexibility is essential as landscapes continue to grow and change over time. The Elements™ Series features an auxiliary 1' wire lead, in addition to the 15' standard wire lead, on most fixtures. The new 1' FLEX™ Auxiliary Lead enables unmatched flexibility and makes future expansion easy as trees grow and the landscape develops.

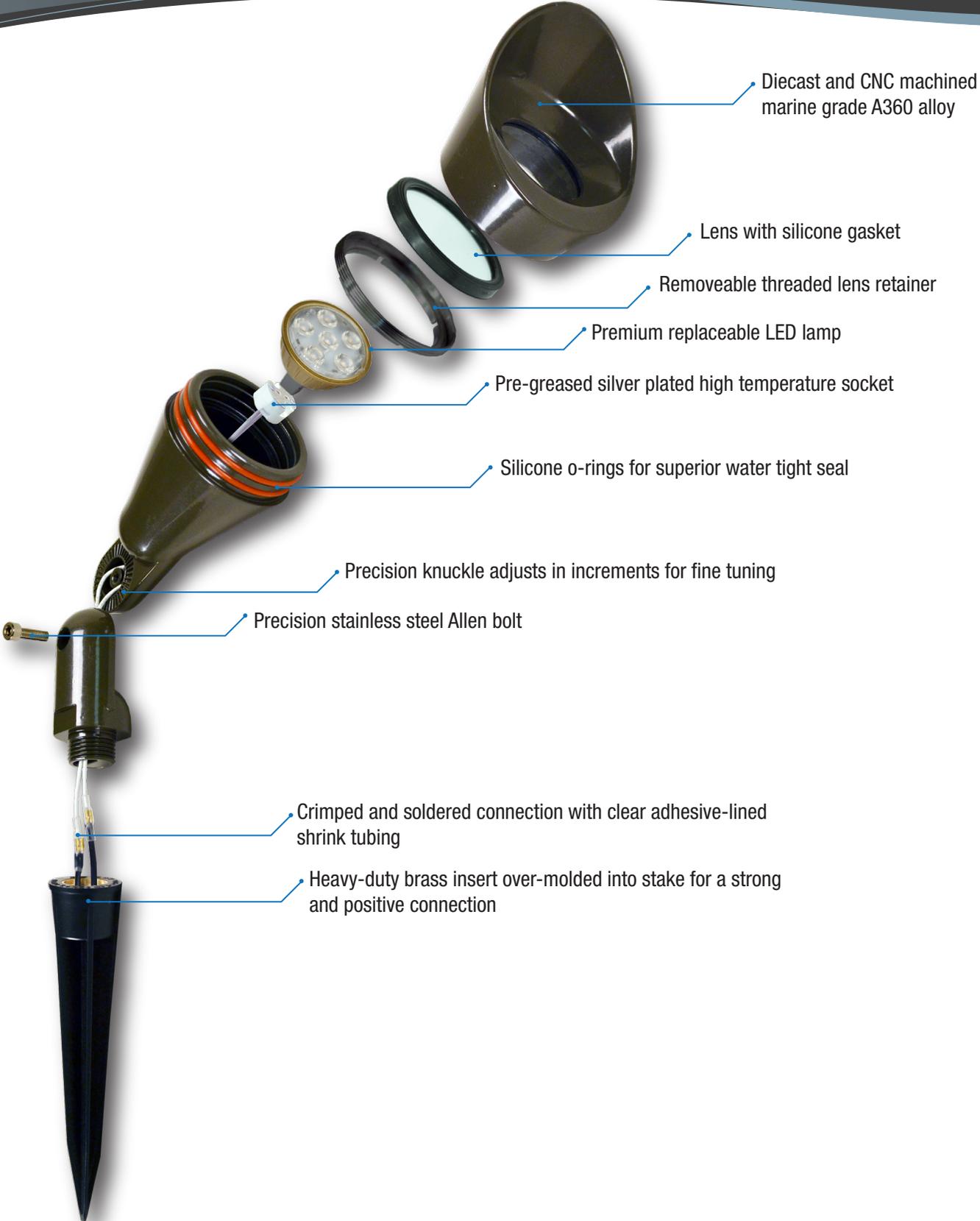


The 1' FLEX™ Auxiliary Lead connects to the standard 15' fixture lead allowing you to run further into the landscape without running additional wire or additional splices in the field. The 1' FLEX™ Auxiliary Lead also acts as a voltage testing lead in the field, making sure you always have proper voltage.





Anatomy of an elements™ series fixture



Diecast and CNC machined marine grade A360 alloy

Lens with silicone gasket

Removeable threaded lens retainer

Premium replaceable LED lamp

Pre-greased silver plated high temperature socket

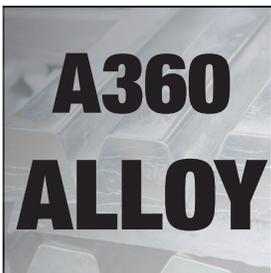
Silicone o-rings for superior water tight seal

Precision knuckle adjusts in increments for fine tuning

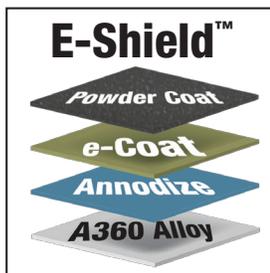
Precision stainless steel Allen bolt

Crimped and soldered connection with clear adhesive-lined shrink tubing

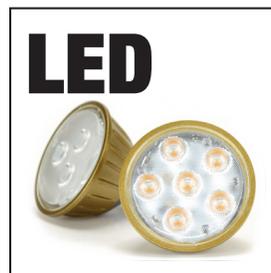
Heavy-duty brass insert over-molded into stake for a strong and positive connection



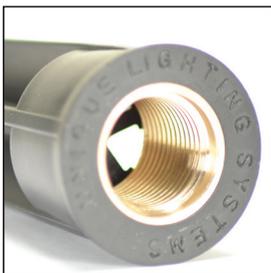
A360 Alloy
Diecast marine grade A360 alloy for superior corrosion resistance.



E-Shield™
Exclusive coating process that bonds a durable polyester powder coat finish to the base material.



Premium LED Compatible
CNC machined housing to accept energy efficient drop-in LED lamps.



Brass Threaded Stake
Over-molded precision CNC brass insert for added durability and strength.



Superior Seal
Silicone o-rings provide a superior seal and fit.



Precision Aiming
Machined knuckle finely adjusts for precision aiming.



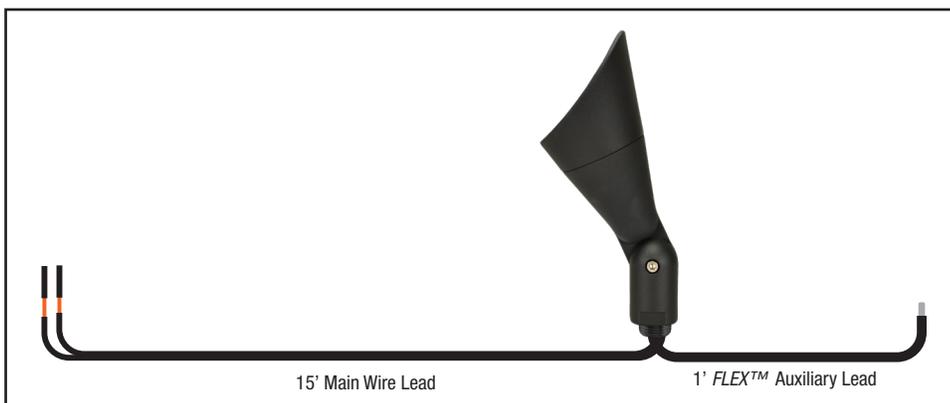
Allen Bolts
Stainless steel 3mm Allen bolt supports adjustment and holds knuckle securely in place.



Warranty
Industry leading warranty.



FLEX™ Auxiliary Lead
Secondary 1' auxiliary wire lead for more wiring flexibility.



15' Main Wire Lead

1' FLEX™ Auxiliary Lead

E-Shield™

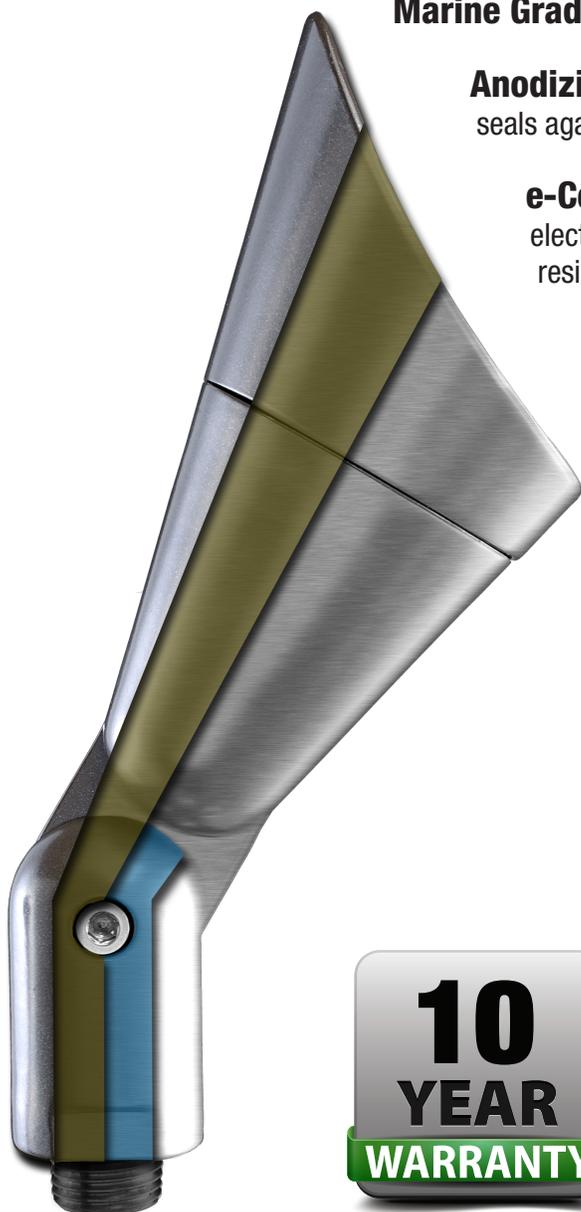
E-Shield™ is the Elements™ Series coating process that bonds base material with corrosion-resistant processes and finishes it with an extremely durable, polyester powder coat paint. With over 750 hours of salt spray endurance testing and built-in ultraviolet resistance, E-Shield™ will stand up to the harshest environments. Part of being sustainable is making products last longer. Our E-Shield™ process delivers superior corrosion resistance. Both powder coating and e-coating deliver a uniform finish which is beautiful in appearance and superior in durability.

Marine Grade A360 Alloy - Pre-treated with ultrasonic cleaning cycle.

Anodizing – Creates an oxide layer that seals against corrosion

e-Coating – Automotive industry tough, electroplating provides exceptional corrosion resistance even in marine environments

Super TGIC Thermoset Polyester Powder Coat Paint – Excellent exterior durability and UV stabilized. Resists abrasion and chipping.



**10
YEAR
WARRANTY**

Part of being sustainable is making products last longer. Our E-Shield™ process delivers superior corrosion resistance. Both powder coating and e-coating deliver a uniform finish which is beautiful in appearance and superior in durability.

The Family

Directional Fixtures



Path/Suspended/Ledge Fixtures



Most Elements™ Series fixtures are available in Black, Tucson Tan & Bronze powder coat finishes



photon® directional
fixture



The Photon® fixture is designed primarily as an uplight. Due to its smaller size, this fixture is ideal for achieving an elegant lighting effect in small, tight spaces.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' FLEX™ Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in shrouded and non-shrouded version
- Dual silicone o-ring seal
- For optimal performance use FLEX GOLD™ Series LED lamps



Particle™ dome mounting base for downlighting installations
PART-BK
PART-BZ



Composite stake with molded brass threaded insert

Shroud



BZ Tucson Tan BK
Bronze Tucson Tan Black
PHOS-NL-BZ PHOS-NL-TT PHOS-NL-BK
PHOS-L227-BZ PHOS-L227-TT PHOS-L227-BK

No Shroud



BZ Tucson Tan BK
Bronze Tucson Tan Black
PHOT-NL-BZ PHOT-NL-TT PHOT-NL-BK
PHOT-L227-BZ PHOT-L227-TT PHOT-L227-BK



Other FLEX GOLD™ Series LED lamps sold separately



Conforms to UL 2108
CSA C22.2 No. 9

nucleus® directional
fixture

The Nucleus® fixture is designed to illuminate shrubs, trees, signage, architectural facades and more.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' FLEX™ Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in shrouded and non-shrouded version
- Dual silicone o-ring seal
- For optimal performance use FLEX GOLD™ Series LED lamps



Particle™ dome mounting base for downlighting installations
PART-BK
PART-BZ



Composite stake with molded brass threaded insert



NUCS-NL-BZ **NUCS-NL-TT** **NUCS-NL-BK**
NUCS-L427-BZ **NUCS-L427-TT** **NUCS-L427-BK**



NUCL-NL-BZ **NUCL-NL-TT** **NUCL-NL-BK**
NUCL-L427-BZ **NUCL-L427-TT** **NUCL-L427-BK**



Other FLEX GOLD™ Series LED lamps sold separately



Conforms to UL 2108
CSA C22.2 No. 9



gamma ray® directional
fixture

The Gamma Ray® fixture is economically priced yet maintains Unique's high standards of quality components, superior finishes, and lasting performance - making it the perfect selection for any value engineered project.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' FLEX™ Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in shrouded version
- Silicone o-ring seal
- For optimal performance use FLEX GOLD™ Series LED lamps



BZ TT BK
 Bronze Tucson Tan Black
GAMS-NL-BZ **GAMS-NL-TT** **GAMS-NL-BK**
GAMS-L427-BZ **GAMS-L427-TT** **GAMS-L427-BK**



Composite stake with molded brass threaded insert



Other **FLEX GOLD™** Series LED lamps sold separately



transmittance® directional
fixture



The Transmittance® fixture is designed to illuminate larger areas or as a subtle wash light, depending on the lamp used.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' *FLEX™* Auxiliary Lead
- Composite stake with molded brass threaded insert
- Available in non-shrouded version
- Silicone o-ring seal
- For optimal performance use *FLEX GOLD™* Series LED lamps



Composite stake with molded brass threaded insert



BZ Bronze TRAN-NL-BZ TRAN-L227-BZ	TT Tucson Tan TRAN-NL-TT TRAN-L227-TT	BK Black TRAN-NL-BK TRAN-L227-BK
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Other *FLEX GOLD™* Series LED lamps sold separately



Conforms to UL 2108
CSA C22.2 No. 9



proton® pathway
fixture

The Proton® fixture features a five inch shroud and is the perfect selection for every intimate garden space, planter area or pathway.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' FLEX™ Auxiliary Lead
- Larger composite stake with molded brass threaded insert
- White reflection panel under shroud for greater luminence
- Available in 12" and 18" stem lengths
- Borosilicate glass lens
- For optimal performance use FLEX GOLD™ Series LED lamps



Large composite stake with molded brass threaded insert



5" Shroud



BZ
Bronze

TT
Tucson Tan

BK
Black

18" Stem	- PR18-NL-BZ PR18-L227-BZ	PR18-NL-TT PR18-L227-TT	PR18-NL-BK PR18-L227-BK
12" Stem	- PR12-NL-BZ PR12-L227-BZ	PR12-NL-TT PR12-L227-TT	PR12-NL-BK PR12-L227-BK



Other FLEX GOLD™ Series LED lamps sold separately



Conforms to UL 2108
CSA C22.2 No. 9



neutron® pathway
fixture

The Neutron® features a larger seven inch shroud to further increase spread performance. It is perfect for pathways, area lighting or planters.

Features & Benefits

- Marine grade A360 alloy construction
- 15' HUB-ready wire lead
- 1' *FLEX™* Auxiliary Lead
- Larger composite stake with molded brass threaded insert
- White reflection panel under shroud for greater luminance
- Available in 12" and 18" stem lengths
- Borosilicate glass lens
- For optimal performance use *FLEX GOLD™* Series LED lamps



Large composite stake with molded brass threaded insert



7" Shroud



BZ

Bronze

TT

Tucson Tan

BK

Black

18" Stem - **NU18-NL-BZ**
NU18-L227-BZ

NU18-NL-TT
NU18-L227-TT

NU18-NL-BK
NU18-L227-BK

12" Stem - **NU12-NL-BZ**
NU12-L227-BZ

NU12-NL-TT
NU12-L227-TT

NU12-NL-BK
NU12-L227-BK

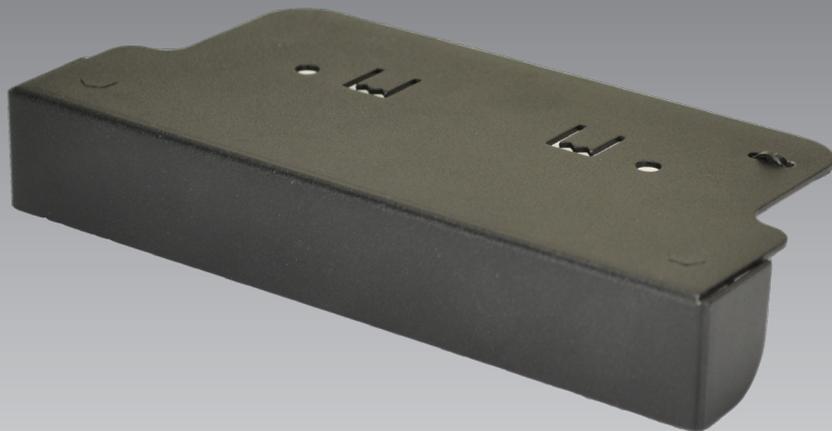


Other *FLEX GOLD™* Series LED lamps sold separately



Conforms to UL 2108
CSA C22.2 No. 9

iso™ ledge
fixture



The Iso™ fixture is designed for hardscaping installations. It will beautifully illuminate a stone wall, an outdoor bar area or a deck.

Features & Benefits

- 8' wire lead
- 2' FLEX™ Auxiliary Lead
- Available with 2700K or 3000K integrated LEDs
- Available with 40 or 140 lumen output
- 40,000 hour LED lifespan
- Slim ½" tall construction will tuck into any ledge or cantilever
- LED compartment is sealed and water resistant
- Black or bronze powder coat finish
- Five year warranty*



The Iso™ is perfect for underlighting an outdoor bar area.



IS6-27K-40L-BK-F
IS6-30K-40L-BK-F
IS6-27K-140L-BK-F
IS6-30K-140L-BK-F



IS6-27K-40L-BZ-F
IS6-30K-40L-BZ-F
IS6-27K-140L-BZ-F
IS6-30K-140L-BZ-F



Replaceable LED light engine

IS6-LED-27K-40L
IS6-LED-30K-40L
IS6-LED-27K-140L
IS6-LED-30K-140L

*See dealer for warranty details.



orbital® suspended
fixture

The Orbital® fixture is designed to mimic the soft, inviting glow of moonlight. The installation height of these fixtures allows their illumination to expand broadly across outdoor areas and gently sway with the wind, casting subtle shadows just as natural light would.

Features & Benefits

- Marine grade A360 alloy construction
- Hangs from 15' HUB-ready wire lead
- Silicone o-ring seal
- Petite 5" height
- For optimal performance use *FLEX GOLD™* Series LED lamps



The Orbital® provides a soft moonlighting effect.



BZ
Bronze
ORBI-NL-BZ
ORBI-L227-BZ

BK
Black
ORBI-NL-BK
ORBI-L227-BK



Other *FLEX GOLD™* Series LED lamps sold separately

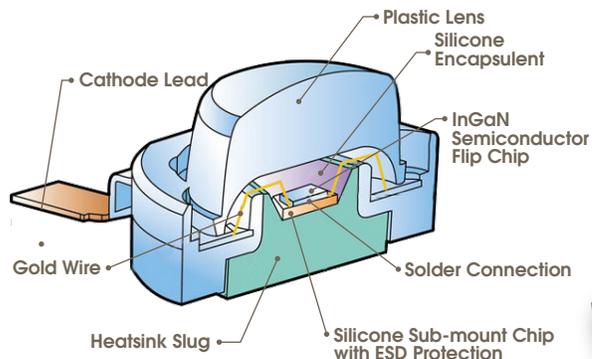


Conforms to UL 2108
CSA C22.2 No. 9

What is an LED?

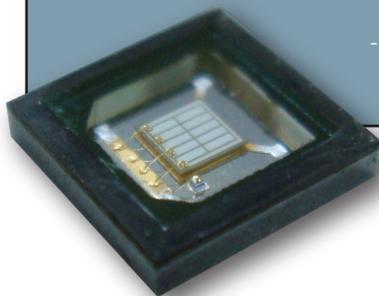
Light Emitting Diode

LEDs are tiny light chips, or semiconductor diodes, that fit easily into an electrical circuit. But unlike ordinary incandescent lamps, they do not have a filament that burns out or gets hot. **FLEX GOLD™** Series LEDs have a rated life which is typically 40,000 hours or 15 years of normal use. A typical incandescent fixture will need to be re-lamped 15 or more times during the life of an LED fixture.



“LED is a highly energy-efficient lighting technology, and has the potential to fundamentally change the future of lighting in the United States. Residential LEDs use at least 75% less energy, and last 25 times longer, than incandescent lighting.”

- LED Section on Energy Savings
U.S. Department of Energy, Energy.gov



Longer Life Lamps

Most LED lamps will last up to 15 times longer than standard halogen lamps. With an average lifespan of 40,000+ hours, converting to LEDs will not only increase energy savings, it will significantly reduce material and labor costs by not having to continuously replace frequently burnt out halogen bulbs.

Retrofit your existing job and create instant energy savings. **FLEX GOLD™** Series LEDs are up to 85% more efficient than halogen, resulting in considerable energy savings over the lifespan of the lamp.

By The Numbers

What is the difference between **FLEX GOLD™** Series LEDs and standard halogen lamps?

<p>“Widespread use of LED lighting has the greatest potential impact on energy savings in the United States.” - LED Section on Energy Savings U.S. Department of Energy, Energy.gov</p>		
Annual Electrical Cost:	\$1325	\$57
Lifespan of Lamp:	1.5 years	15+ years
Total Wattage:	700	100
Kg of CO ₂ Emitted:	2044Kg	350Kg

*Based on a 20 lamp installation at six hours per day usage.

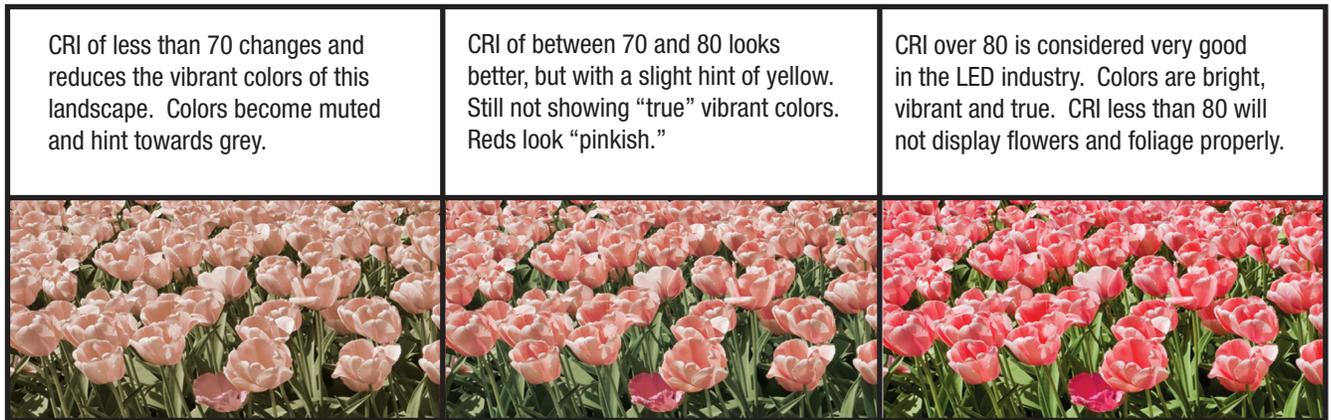
It would take 10 halogen lamps to equal the lifespan of 1 **FLEX GOLD™** Series LED lamp.



There are two main lighting characteristics that define the quality and consistency of LED light: CRI & CCT. *FLEX GOLD™* Series LED lamps keep tight control of these two characteristics. What this means to you is that each project will be consistent with your last project – no surprises!

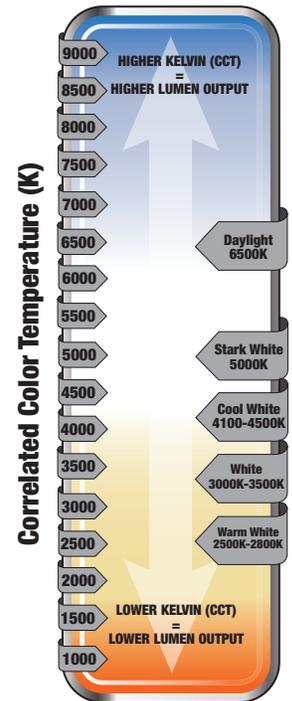
CRI - Color Rendering Index

CRI is a measurement of vibrant and true colors, poor CRI can destroy a beautiful landscape. CRI is measured on a scale from 0 to 100, with 100 being the best. All lamp sources have different CRI measurements, fluorescents are not very good at 65-70, metal halide lamps are better at 80, halogen lamps are “perfect” at 100. A CRI of 80+ is considered very good within the LED industry. *FLEX GOLD™* Series LED lamps have a CRI between 82 and 84.



CCT - Correlated Color Temperature

The CCT rating for a lamp is a general “warmth” or “coolness” measurement of its appearance. The lower the “Kelvin” temperature the “warmer” the light, the higher the “Kelvin” temperature the “cooler” the light. A typical halogen MR16 lamp runs from 2800K to 3100K.





nucleus®, gamma ray® & transmittance®



MR16 - 3W, 4W, 5W & 8W

- 3 Watt - Up to 200 Lumen, 10-15V
- 4 Watt - Up to 310 Lumen, 10-15V
- 5 Watt - Up to 430 Lumen, 10-15V
- 8 Watt - Up to 660 Lumen, 10-15V
- 40,000 hour rated life at L70
- Rated for outdoor use in an enclosed fixture
- Operating temperature -4° F to 122° F
- Available in Warm White, White and Cool White
- Spot = 20° Flood = 40° Wide Flood = 60°
- Five year warranty*



photon® & orbital®



MR11 - 2W

- 2 Watt - Up to 150 Lumen, 10-15V
- 40,000 hour rated life at L70
- Rated for outdoor use in enclosed fixture
- Input voltage 10-15V
- Operating temperature -4°F to 122°F
- Available in Warm White and White
- Five year warranty*



proton® & neutron®



T3 - 1W & 2W

- 1 Watt - Up to 100 Lumen
- 2 Watt - Up to 250 Lumen
- 20,000 hour rated life
- Input voltage 10-15V
- Available in Warm White, White and Cool White
- Two year warranty*



proton® & neutron®



T3 - WR - 2W & 1W Micro G4

- Water Resistant
- 2 Watt - Up to 250 Lumen - WR
- 1 Watt - Up to 110 Lumen - Micro G4
- 40,000 hour rated life
- IP65 rated
- Available for use in open or enclosed fixtures
- Input voltage 10-15V
- Available in Warm White and White
- Two year warranty*

*See dealer for warranty details.

Part Number	Description	Lumen	Watts	VA	Beam	Color Temp.	CRI
MR16							
LED-3W-CM6FL27K	LED 3 WATT MR16 40° 2700K	200	3	4.2	FLOOD	WARM WHITE	82
LED-3W-CM6WF27K	LED 3 WATT MR16 60° 2700K	200	3	4.2	WIDE FL	WARM WHITE	82
LED-4W-CM6FL27K	LED 4 WATT MR16 40° 2700K	270	4	6.7	FLOOD	WARM WHITE	82
LED-4W-CM6FL30K	LED 4 WATT MR16 40° 3000K	280	4	6.7	FLOOD	WARM WHITE	82
LED-4W-CM6SP27K	LED 4 WATT MR16 20° 2700K	270	4	6.7	SPOT	WARM WHITE	82
LED-4W-CM6WF27K	LED 4 WATT MR16 60° 2700K	270	4	6.7	WIDE FL	WARM WHITE	82
LED-4W-CM6WF30K	LED 4 WATT MR16 60° 3000K	280	4	6.7	WIDE FL	WHITE	82
LED-5W-CM6FL27K	LED 5 WATT MR16 40° 2700K	380	5	6.0	FLOOD	WARM WHITE	82
LED-5W-CM6FL30K	LED 5 WATT MR16 40° 3000K	390	5	6.0	FLOOD	WHITE	82
LED-5W-CM6FL50K	LED 5 WATT MR16 40° 5000K	430	5	6.0	FLOOD	COOL WHITE	82
LED-5W-CM6SP27K	LED 5 WATT MR16 20° 2700K	380	5	6.0	SPOT	WARM WHITE	82
LED-5W-CM6WF27K	LED 5 WATT MR16 60° 2700K	380	5	6.0	WIDE FL	WARM WHITE	82
LED-8W-CM6FL27K	LED 8 WATT MR16 40° 2700K	590	8	8.9	FLOOD	WARM WHITE	82
LED-8W-CM6SP27K	LED 8 WATT MR16 20° 2700K	590	8	8.9	SPOT	WARM WHITE	82
LED-8W-CM6FL30K	LED 8 WATT MR16 40° 3000K	600	8	8.9	FLOOD	WHITE	82
MR11							
LED-2W-M1FL27K-12	LED 2 WATT MR11 40° 2700K	110	2	3.6	FLOOD	WARM WHITE	82
LED-2W-M1FL30K-12	LED 2 WATT MR11 40° 3000K	150	2	3.6	FLOOD	WHITE	82
T3							
LED-1W-T330K-12	LED 1 WATT T3 3000K	100	1	1.51	NA	WHITE	82
LED-2W-T327K-12	LED 2 WATT T3 2700K	200	2	2.85	NA	WARM WHITE	82
LED-2W-T330K-12	LED 2 WATT T3 3000K	200	2	2.85	NA	WHITE	82
LED-2W-T350K-12	LED 2 WATT T3 5000K	220	2	3.00	NA	COOL WHITE	82
Micro G4 & T3-WR							
LED-MICRO-30K	LED 1 WATT Micro G4 3000K	110	1	1.75	NA	WHITE	82
LED-MICRO-27K	LED 1 WATT Micro G4 2700K	110	1	1.75	NA	WARM WHITE	82
LED-2W-T327K-12-WR	LED 2 WATT T3 2700K WR	250	2	2.84	NA	WARM WHITE	82
LED-2W-T330K-12-WR	LED 2 WATT T3 3000K WR	250	2	2.84	NA	WHITE	82

*Product specifications in this chart are for listed lamps only. Specialty lamp specs may differ. Reference our published lamp specification sheets for models not listed.



UP LIGHT



Architectural and landscape elements become visually dramatic features when illuminated from below. Uplighting is the most common technique used to accent key focal points in the landscape and to create shadows on walls.



DOWN LIGHT



Downlighting is illuminating an object or surface from above. Downlighting can be used to highlight specific garden elements and functional areas. Also used for illuminating large spaces for safety, security or recreational purposes.



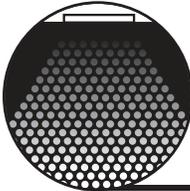
AREA LIGHT



Area lighting is used to enhance flower beds and also safely illuminate pathways. Area lights are often staggered and alternating from one side to another when used on a pathway.



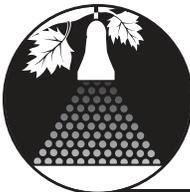
LEDGE LIGHT



Hardscape lighting enhances the colors and shapes of the hardscape area being lit. Most commonly used areas are block walls, seating areas or barbeques.

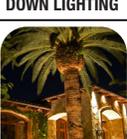


HANGING LIGHT



In the garden, a hanging light can be used to create the shadowing patterns of a moonlit night. This type of lighting is a subtle and natural effect, often using cool bluish LED lamps to create the look of natural moonlight.



FIXTURE DESIGN EFFECT						
 STEP LIGHTING				 Light area around steps. Ambient light will cast across steps.	 Light area around steps. Ambient light will cast across steps.	 Light area under steps. Ambient light will cast across each step.
 MOON LIGHTING	 Use optional PART-BZ to mount on trees trunks and branches.		 Hang in tree above branches.			
 HARDSCAPE LIGHTING				 Use to accent hardscape and paver pathways.	 Use to accent hardscape and paver pathways.	 Use to accent block walls and planter areas.
 WALL WASHING		 Use to cast a soft glow on low walls.				
 AREA LIGHTING				 Use to accent planter areas.	 Use to accent planter areas.	
 GRAZE LIGHTING	 Place fixture close to surface to cast light across surface.	 Place fixture close to surface to cast light across surface.				
 DOWN LIGHTING	 Use optional PART-BZ to mount on trees trunks and branches. * Not recommended for Gamma Ray		 Hang in tree above branches.			 Use in tight locations to accent.
 UP LIGHTING	 Use to cast ample light on upward areas such as trees.	 Use MR16 lamp to cast ample light on upward areas such as trees.				

Why HUB?

Wire connections are the weakest point of any low voltage installation and are susceptible to wicking and water infiltration when buried in the ground. Utilizing the HUB installation method will reduce the number of connections by up to 70% versus standard wiring methods. This means less maintenance, less lamp outages and easier troubleshooting. In addition the HUB method utilizes less wire and saves money.

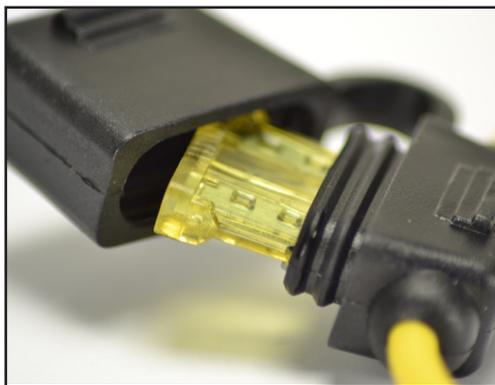
Benefits of the HUB

- Each HUB acts as a central location for connections, taking the guess work out of troubleshooting
- Protect connections from moisture to minimize wicking and corrosion
- Reduce the number of connection points, wire and labor
- Distribute proper voltage evenly to every fixture
- Flexibility in fixture location and future expansion

HUB Housing

FEATURES & BENEFITS

- Brown ABS housing easily hides in the landscape
- Impact resistant so it holds up to the abuse of landscaping
- Snap-in lid makes access for expansion or maintenance easy
- Compact size is perfect for planters



Fuse Link

FEATURES & BENEFITS

- 20 Amp rated gives you the ability to fuse to the load
- Water resistant design protects in damp locations
- 8" 10AWG wire leads
- Protects wire from damage that may occur in the yard

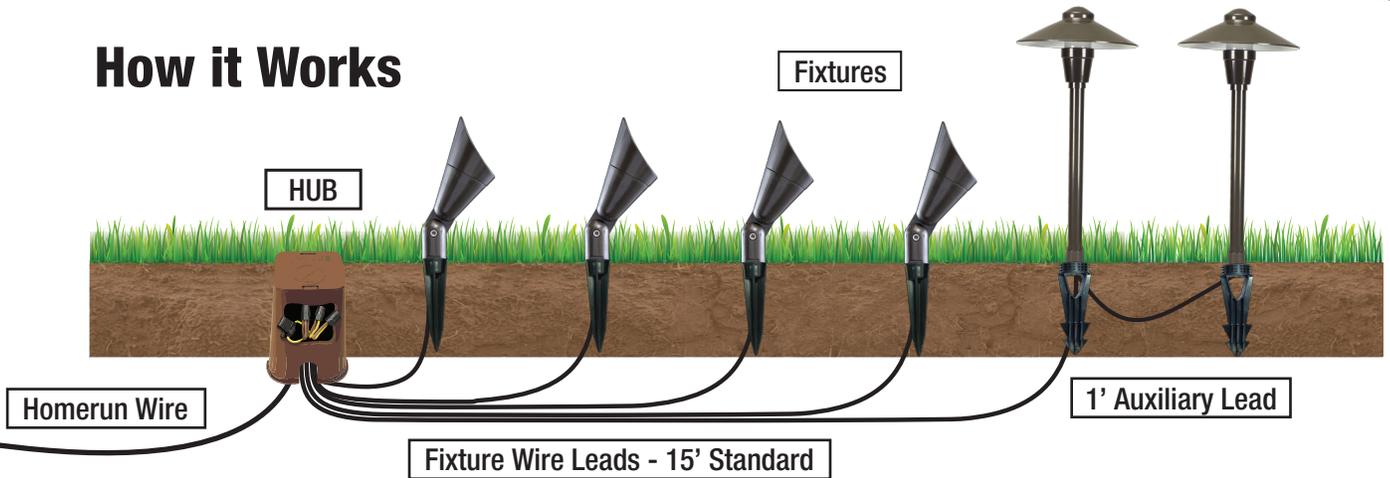


Direct Burial Connections

FEATURES & BENEFITS

- Solid brass barrel lugs for lasting durable connections
- Pre-greased black wire caps to protect connections from moisture
- Solid mechanical connections ensures the life and performance of the HUB

How it Works



1

From Transformer

From Fixtures

Feed homerun and fixture wires through HUB.

2

Ribbed Wires

Connect all ribbed fixture wires to the ribbed homerun wire. Insert all wire joins into provided grease cap.

3

with writing

Connect homerun wire with writing to one side of fuse link (except for FHUB).

4

with writing

with writing

with writing

with writing

Connect fixture wires with writing to other side of fuse link. Select and install proper fuse to match fixture load.

5

Insert all wire joins into provided grease cap. Thread on cap.

6

1/10

UNIQUE LIGHTING

Push wires into HUB body. Install lid. Use paint pen to label hub and transformer number.

The Equalizer™ HUB Wiring System is the ultimate In-Line fuse protected wiring system. Allowing you to size the fuse according to load or wire size, thus making troubleshooting accessible, convenient and fast. You wouldn't purchase a home or an automobile without fuse protection...An outdoor lighting system warrants the same respect!

5 Fixture Example

See The Difference! Advantages



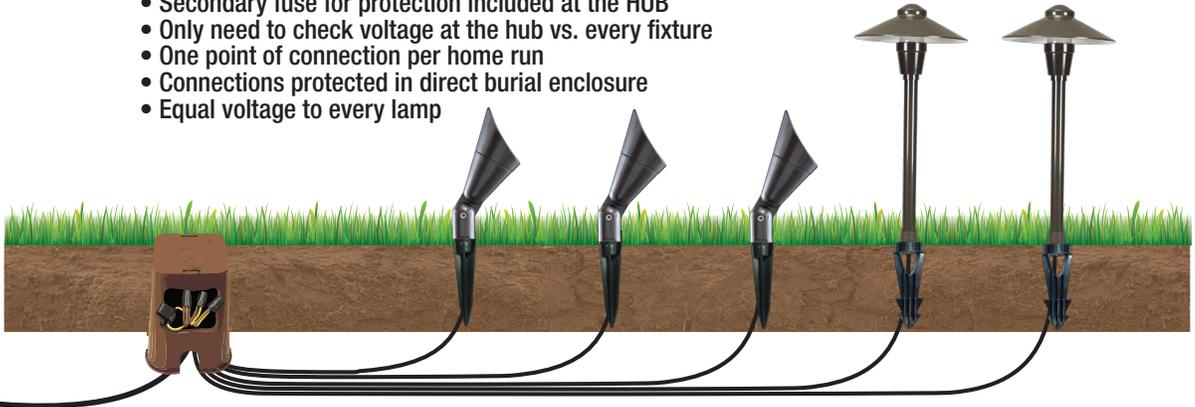
3 CONNECTIONS

EASY TROUBLE SHOOTING

SAVES TIME

FUSED TO LOAD

- Secondary fuse for protection included at the HUB
- Only need to check voltage at the hub vs. every fixture
- One point of connection per home run
- Connections protected in direct burial enclosure
- Equal voltage to every lamp



6 CONNECTIONS + NOT FUSED + MORE TIME = PRONE TO FAILURE



The "T" Method Disadvantages



- Difficult to troubleshoot
- Short wire lead does not allow for final adjustment of lighting portrait
- Does not equalize voltage to all lamps on the run

10 CONNECTIONS + NOT FUSED + MORE TIME = PRONE TO FAILURE



The Daisy Chain Method Disadvantages



- Difficult to troubleshoot
- Short wire lead does not allow for final adjustment of lighting portrait
- Does not equalize voltage to all lamps on the run

10 CONNECTIONS + NOT FUSED + MORE TIME = PRONE TO FAILURE



The Loop Method Disadvantages



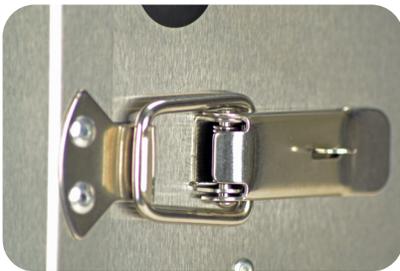
- Difficult to troubleshoot
- Short wire lead does not allow for final adjustment of lighting portrait
- Does not equalize voltage to all lamps on the run
- You **MUST** match the polarity or you can cause bodily harm or damage to the circuit
- Wastes a lot of wire completing the loop

Power To Do The Job

All Unique Lighting transformers are built with sustainable technology. All transformers are designed and built by Unique Lighting Systems® to our specifications, providing high quality transformers for every installation.

150W LED Transformer

The 150W LED transformer provides a wider voltage range for more flexibility. It is ideally sized for today's LED installations with premium LED lamps.



The 150SSSL-LED comes with a spring loaded, lockable latch for added convenience and security

FEATURES & BENEFITS

- Professional heavy duty stainless steel housing
- Each lug features three wire portals
- 6' heavy gauge, grounded water resistant power cord
- Plug directly into 120V outlet
- Snap-in photocell ready
- Astronomical timer ready
- ¾" and 1" conduit knock-outs
- 10 Year Warranty





Remote Wireless Scene Control

The Light Logic™ system offers a convenient way to automate your low voltage lighting and other landscape features - all in an easy-to-install wireless system. Best of all, it installs into new or existing lighting systems.

Homeowner Benefits

- Create different mood for different occasions
- Control pathway lighting for easy nighttime entry
- Turn on security lighting with the press of a button
- Automate outdoor living spaces - control fountains, seasonal lighting and other outdoor elements

Why Light Logic™ ?

- Wireless control for up to four scenes
- Up to 250 different transformers or devices for each control scene
- Easily retrofits into nearly all other manufacturers' systems
- Compatible with any 120V device
- Uses event-based scheduling
- Astronomical timing – auto adjusts dusk and dawn times by your location and seasonal changes
- Firmware easily upgradable
- Sequence multiple transformers

LPLUS

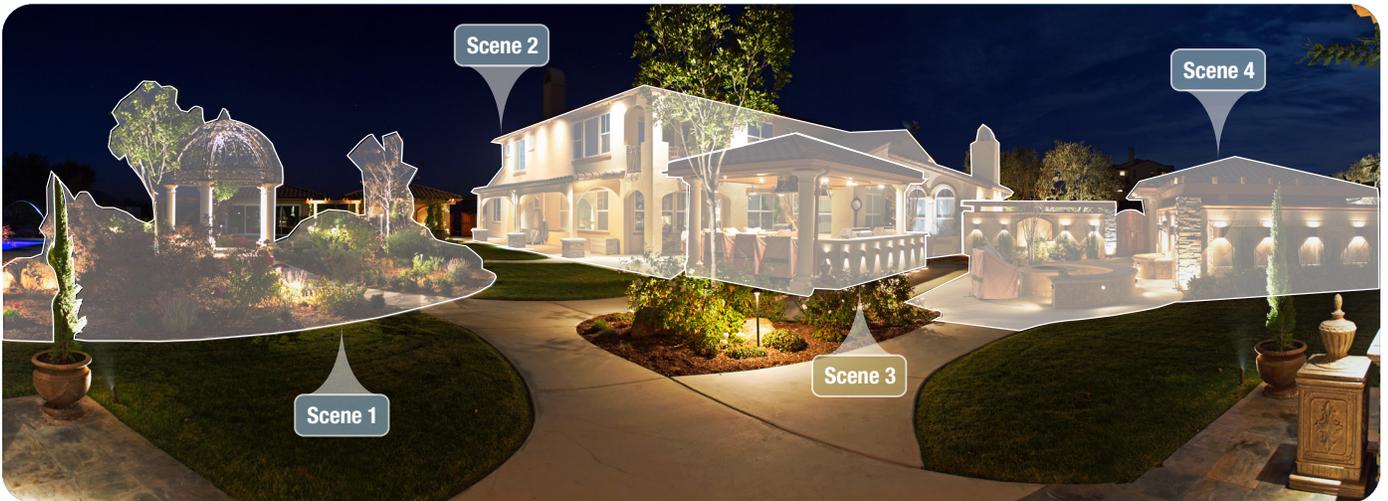


LPCU-A



Light Logic™ PLUS
App - Free Download





Control up to four different scenes. Each scene controls a different zone.

How Does It Work?



Internet Gateway (LPLUS)

- Plug The LPLUS module into existing home router
- Setup location, scheduling and sync with LPCU via Light Logic™ Internet Server from PC
- LPLUS acts as a communication device between the Light Logic™ Internet Server and the LPCU-A modules

SET-UP

1



Power Control Unit (LPCU-A)

- Press the center button and the LPCU-A will automatically sync with the LPLUS
- Assign a LPCU-A to a scene
- Install the LPCU-A into a transformer or covered outlet box
- Insert the internal transformer plug or device plug into the side of the LPCU-A

SYNC

2



Light Logic™ Plus App

- Use iOS® or Android™ app to turn on/off different scenes
- Use to override existing programming to extend hours or to add security
- Use to control multiple properties with a single mobile device

CONTROL

3

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* iOS® is a trademark or registered trademark of Cisco in the U.S. and other countries.





Our Commitment

Unique Lighting Systems' highest commitment is to set the standard for manufacturing innovative and quality products. This commitment is evident through our detailed inspection processes and extensive field testing.

From the initial design process of each product, to the final assembly of each custom-made individual part, our manufacturing process accomplishes the highest level of performance and durability carried through to final delivery to the end user. Durable construction and beautiful styling make Unique® fixtures the ideal solution for any residential or commercial application.

Unique Lighting™ already holds numerous product patents and we are constantly developing innovative ideas to help expand the lighting industry.

The Unique® Promise • A Full Warranty

Unique Lighting Systems® products have been manufactured under the highest standards of quality and workmanship. All Unique Lighting products are warrantied against manufacturer's defects as listed below.

- Transformers – Lifetime Warranty*
 - Elements™ Series – Ten Year Warranty*
 - Resin Components – Five Year Warranty*
- For additional details visit www.uniquelighting.com
*LED Series transformers carry a Ten Year Warranty



For all available products please see our Unique Lighting Systems® full catalog.



UNIQUE LIGHTING SYSTEMS®

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