

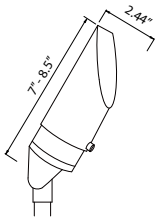


72" wire lead

MR16 Fixture

DESCRIPTION

The PLG MR16 is designed for uplighting and downlighting applications, features a fully adjustable glare guard and knuckles. The glare guard enables you to prevent light from entering unwanted areas like windows of structures or high traffic areas like walkways or roadways.



SPECIFICATIONS & FEATURES:

- Solid cast brass construction
- Specification grade, beryllium copper socket
- Adjustable Glare Guard
- Premium grade direct burial cable
- Anti-Moisture Connections
- 50W max. halogen
- Light Bronze standard finish
- Limited lifetime warranty





Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The Genesis Gen2 line of LED Landscape Bullets are the most versatile LED fixtures on the market today. Various beam spreads and wattages allow for a customized finish to any property. The high end residential grade system was designed for 120V operation residential applications.

CONSTRUCTION — The die cast aluminum heat sink has 24 heat dissipating fins to maintain a cool operating LED for maximum life. The fins are independently supported to allow for unobstructed airflow. A cast brass junction box is provided for incoming power.

FINISH — A cathodic epoxy electrocoat primer or E-Coat is applied to all die cast aluminum components. E-coating provides the ultimate in corrosion and chemical resistance, providing superior salt spray, humidity and cyclic corrosion endurance. After the E-Coat is applied a super durable polyester powder coat finish is electrostatically applied in our state of the art paint facility.

OPTICAL SYSTEM — Pinnacle's proprietary OpticapSystem™ utilizes interchangeable optical lenses & reflectors to increase fixture lumen output efficiency. The system is provided with a high performance convex lenticular prismatic flood or a plano-convex spot optical lens. The flood & spot optical lenses are molded from low iron tempered glass. A 96% reflective UV stabilized injection molded reflector is included with each system. A variety of glass color filters are available to meet the designers specific color control needs. The aluminum, brass, or composite safety grill rotates 360° for glare control.

ELECTRICAL SYSTEM — **NOTE: A Pinnacle Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.** Fixture operates at 120V input voltage. Nominal open circuit current .25 to .42 amps. A 30 or 50 watt LED source provides approximately 2353 to 3680 (CW) Lumens of light. System is compatible with the use of a rotary TRIAC Dimmer.

MOUNTING — Fixtures are designed to be in-ground well lights and should be installed according to the installation instructions made available by Pinnacle. Proper drainage and substrate must be provided for water to flow freely through the well sleeve. A brass junction box is provided with an IP68 water-tight connector.

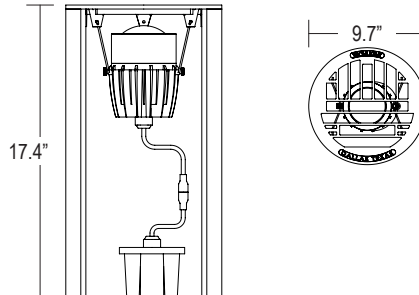
LISTINGS — ETL listed for wet locations (IP67). Meets US and Canadian safety standards. -40°C to 40°C ambient operation.

WARRANTY — Pinnacle warrants the LED lighting Product(s) to be free from defects in material and workmanship for a period of three years for LED Light Engines and LED Power Components, from the date of shipment. Ground mounted products that are provided standard with our proprietary E-Coat pretreatment prior to the application of a powdercoat finish will carry a full 10 year finish warranty. Proper maintenance is required for full finish warranty.



Genesis Gen2 Large LED Well Light PLWLR SERIES

Patent: D0648056



Series	Housing Height	Diameter
PLWLR	17.4"	9.7"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

PLWLR						
Series	Distribution	Wattage	Color Temp	Voltage	Grill	Finish
PLWLR	FL Flood (72°) SP Spot (20°)	30 30W	CW Cool White NW Neutral White WW Warm White	120 120V	Blank Black Aluminum Grill BR Brass Grill BC Black Composite Grill	BK Black

Example: **PLWLRSP30NW120BK**

Accessories (Order as separate line items)

BSP3-277-LC²	10kV Surge Protector
LEDLFG120LENS	Green Glass Lens Filter (each)
TLHB800RCH	Digital Timer

NOTES

- 1 Custom RAL color matching is available. Contact your Pinnacle sale representative for additional information.
- 2 A Pinnacle Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.

PLWLAR Genesis Gen2 Large LED Well Light

PERFORMANCE

Fixture	Color Temp	30W Lumen Output	
		FL	SP
PLWLAR	CW (5900K)	2280	2353
	NW (4000K)	2129	2196
	WW (3000K)	2071	2138

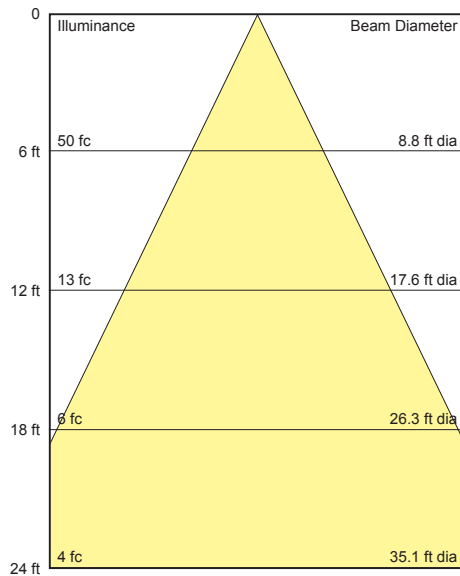
*Delivered lumens shown do not include light loss due to the fixture grill.

ILLUMINANCE CONE DIAGRAM

PLWLARFL30CW120

Flood Optic

30W PLWLAR LED
Color Temperature: 5,900 K

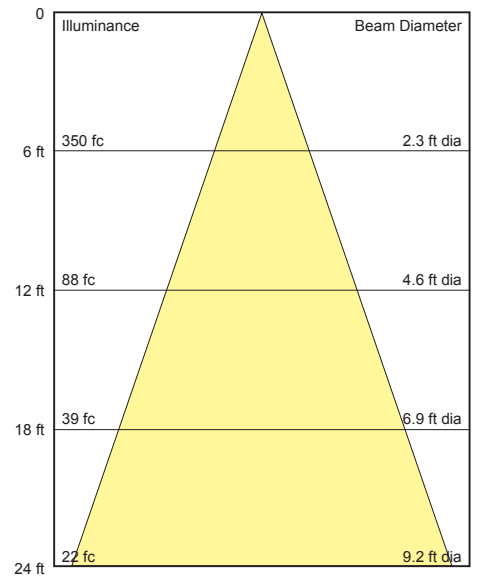


ILLUMINANCE CONE DIAGRAM

PLWLARSP30CW120

Spot Optic

30W PLWLAR LED
Color Temperature: 5,900 K



ADDITIONAL FIXTURE ACCESSORIES

GL2CAPCVXFLDREFL

72° Flood OpticapSystem™
Field Installable Flood Optic



Change the optic on the job by simply swapping the OpticapSystem™ on any fixture

BSP3-277-LC¹

10kV Surge Protector



LEDLFG120LENS

Green Glass Lens Filter (each)



LEDLB120LENS

Blue Glass Lens Filter (each)



GL2CAPSPOPTREFL

20° Spot OpticapSystem™
Field Installable Spot Optic



Change the optic on the job by simply swapping the OpticapSystem™ on any fixture

TLHB800RCH

Digital Timer



WARNING: The driver assembly is wired and programmed specific to the unit configuration ordered. Any attempt to modify this unit will void the warranty.

NOTES

- 1 A Pinnacle Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.



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Atlanta, GA 30342

Pinnacle Lighting Group, LLC
176 N. St. Rt. 101
Tiffin, OH 44883



Catalog Number	
Project	Type

FEATURES & SPECIFICATIONS

APPLICATION — The Genesis Gen2 line of LED Landscape Bullets are the most versatile LED fixtures on the market today. Various beam spreads and wattages allow for a customized finish to any property. The high end residential grade system was designed for 120V operation residential applications.

CONSTRUCTION — The die cast aluminum heat sink has 24 heat dissipating fins to maintain a cool operating LED for maximum life. The fins are independently supported to allow for unobstructed airflow. The fixture is designed to efficiently perform in any mounting orientation.

FINISH — A cathodic epoxy electrocoat primer or E-Coat is applied to all die cast aluminum components. E-coating provides the ultimate in corrosion and chemical resistance, providing superior salt spray, humidity and cyclic corrosion endurance. After the E-Coat is applied a super durable polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, OD Green, White. Custom colors available upon request.

OPTICAL SYSTEM — Pinnacle's proprietary OpticapSystem™ utilizes interchangeable optical lenses & reflectors to increase fixture lumen output efficiency. The system is provided with a high performance convex lenticular prismatic flood or a plano-convex spot optical lens. The flood & spot optical lenses are molded from low iron tempered glass. A 96% reflective UV stabilized injection molded reflector is included with each system. The OpticapSystem utilizes field interchangeable shields designed for optimum glare control in up or downlighting positions. The shields are field rotatable to allow adjustment of shielding. A variety of glass color filters are available to meet the designers specific color control needs.

ELECTRICAL SYSTEM — **NOTE: A Pinnacle Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.** Fixture operates at 120V input voltage. Nominal open circuit current .25 to .42 amps. A 30 or 50 watt LED source provides approximately 2353 to 3680 (CW) Lumens of light. System is compatible with the use of a rotary TRIAC Dimmer.

MOUNTING — The die cast aluminum mount is secured to the heat sink by stainless steel screws and is sealed with an integral o-ring. A 1/2" threaded knuckle is provided standard.

LISTINGS — ETL listed for wet locations (IP67). Meets US and Canadian safety standards. -40°C to 40°C ambient operation.

WARRANTY — Pinnacle warrants the LED lighting Product(s) to be free from defects in material and workmanship for a period of three years for LED Light Engines and LED Power Components, from the date of shipment. Ground mounted products that are provided standard with our proprietary E-Coat pretreatment prior to the application of a powdercoat finish will carry a full 10 year finish warranty. Proper maintenance is required for full finish warranty.

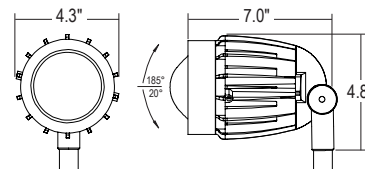


Genesis Gen2 Large LED Landscape Bullet PLGL2 SERIES

Patent: D0648056



Fixture shown with SGL2DN60 Down Shield



Series	Housing Height	Length & Width
PLGL2	4.8"	7.0" x 4.3"

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

PLGL2					
Series	Distribution	Wattage	Color Temp	Voltage	Finish
PLGL2	FL Flood (72°) SP Spot (20°)	30 30W 50 50W	CW Cool White NW Neutral White WW Warm White	120 120V	BK Black BZ Bronze ODG OD Green WH White SP Special!

Example: **PLGL2SP30NW120ODG**

Accessories (Order as separate line items)

SGL2DN60 Downlight Shield	B16-12 Palm Tree Base with 12' Strap
SGL2UP30 Uplight Shield	TLSBBJB Brass Junction Box
SGL2TUBE Tube Shield	LMSB 20" x 2.5" Mounting Stake
BSP3-277-LC² 10kV Surge Protector	LEDLFG120LENS Green Glass Lens Filter (each)
B01GL Tree Base with Ground Lug	TLHB800RCH Digital Timer
B03 4" Round 3 Hole Cover	PSJ163 16 Gauge 3 Strand Lead Wire

NOTES

- 1 Custom RAL color matching is available. Contact your Pinnacle sale representative for additional information.
- 2 A Pinnacle Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.

PLGL2 Genesis Gen2 Large LED Landscape Bullet

PERFORMANCE

Fixture	Color Temp	30W Lumen Output		50W Lumen Output	
		FL	SP	FL	SP
PLGL2	CW (5900K)	2280	2353	3664	3680
	NW (4000K)	2129	2196	3336	3337
	WW (3000K)	2071	2138	3230	3219

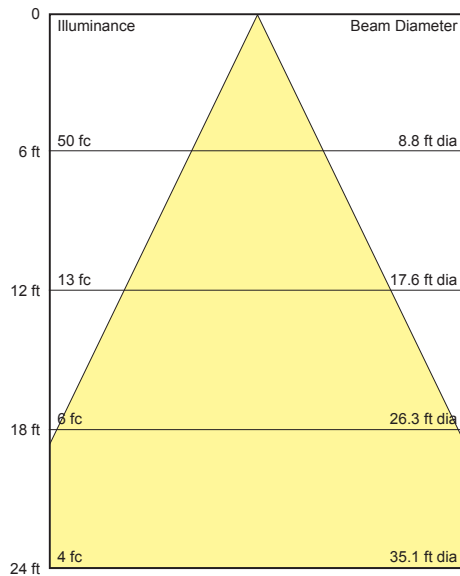
*Lumen output less any shielding

ILLUMINANCE CONE DIAGRAM

PLGL2FL30CW120

Flood Optic

30W PLGL2 LED Bullet
Color Temperature: 5,900 K

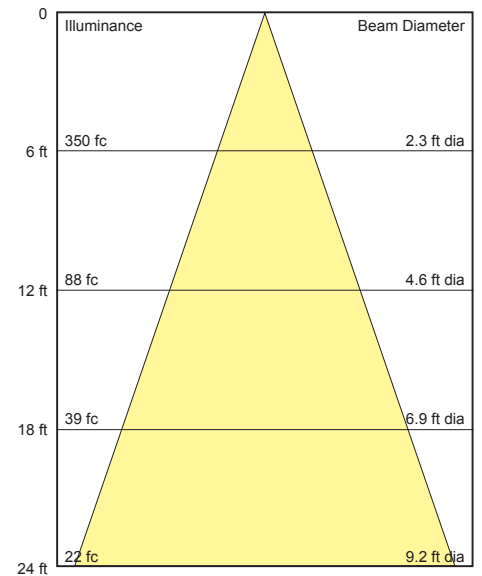


ILLUMINANCE CONE DIAGRAM

PLGL2SP30CW120

Spot Optic

30W PLGL2 LED Bullet
Color Temperature: 5,900 K

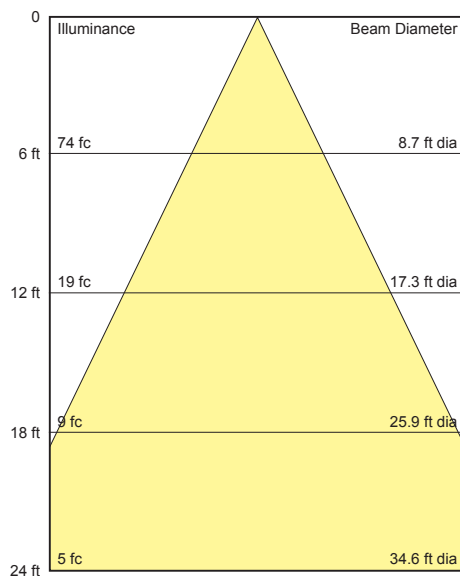


ILLUMINANCE CONE DIAGRAM

PLGL2FL50CW120

Flood Optic

50W PLGL2 LED Bullet
Color Temperature: 5,900 K

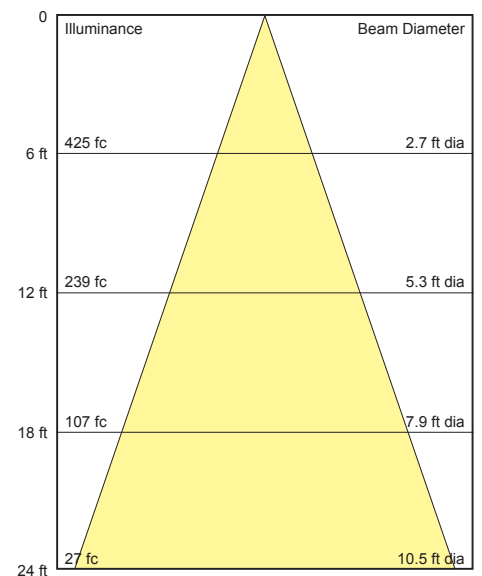


ILLUMINANCE CONE DIAGRAM

PLGL2SP50CW120

Spot Optic

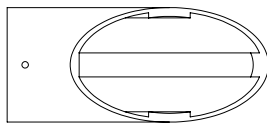
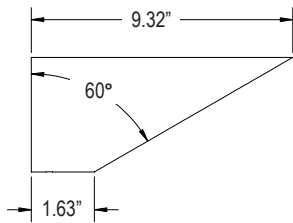
50W PLGL2 LED Bullet
Color Temperature: 5,900 K



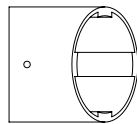
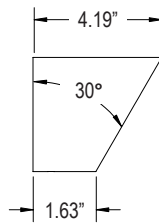
PLGL2 Genesis Gen2 Large LED Landscape Bullet

SHIELDS

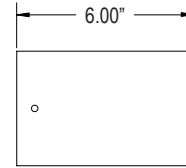
SGL2DN60
Downlight Shield



SGL2UP30
Uplight Shield



SGL2TUBE
Tube Shield



MOUNTING ACCESSORIES

GEPTBZ
Low Profile Tree Base



B16-12
Palm Tree Base with 12' Strap



B03
4" Round 3 Hole Cover



B01GL
Tree Base with Ground Lug



TLSBBJB
Brass Junction Box



LMSB
20' x 2.5" Mounting Stakes w/ Brass Caps



ADDITIONAL FIXTURE ACCESSORIES

GL2CAPCVXFLDREFL
72" Flood OpticapSystem™
Field Installable Flood Optic



Change the optic on the job by simply swapping the OpticapSystem™ on any fixture

BSP3-277-LC¹
10kV Surge Protector



LEDLFG120LENS
Green Glass Lens Filter (each)



LEDLB120LENS
Blue Glass Lens Filter (each)



GL2CAPSPOPTREFL
20" Spot OpticapSystem™
Field Installable Spot Optic



Change the optic on the job by simply swapping the OpticapSystem™ on any fixture

TLHB800RCH
Digital Timer



PSJ163
16 Gauge 3 Strand Lead Wire



WARNING: The driver assembly is wired and programmed specific to the unit configuration ordered. Any attempt to modify this unit will void the warranty.

NOTES

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PLG-MR16 WL: 12V In-Ground Well Light16

PLG-MR1616-WL



NOTEABLE FEATURES:

- ❑ CONSTRUCTED FROM SOLID BRASS BAR STOCK
- ❑ BERYLLIUM COPPER SOCKET WITH SS MR-16 CLIP
- ❑ WATER TIGHT DESIGN
- ❑ SOLID WEATHERED BRASS FACEPLATE
- ❑ ABS INSTALLATION TUBE
- ❑ LIFETIME WARRANTY

NOTEABLE FEATURES CONTINUED:

- ❑ FLUSH GLASS LENS TO PREVENT DEBRIS BUILD-UP
- ❑ MANUFACTURED IN THE USA

OPTIONAL ACCESSORIES:

- ❑ OPTIONAL RAISED SHROUD (Model#: WL16-RS-III)
- ❑ OPTIONAL LENSES & LOUVERS (See website for details)

SPECIFICATIONS:

Our Commitment

At Pinnacle Lighting Group® (PLG), our goal is to set the standard in the landscape lighting industry. We are happy to be the exception, not the rule. Every day we challenge ourselves to create new and innovative products that can help revolutionize the low voltage lighting industry. We pride ourselves on being innovative, passionate, and dedicated to setting the standard. What you will find when you purchase from Pinnacle Lighting Group® is that the norm is never good enough. We believe in our mission, we believe in ourselves, and we believe in our products. This is why our products come with a structural lifetime warranty.

Body

Solid Brass faceplate with brass body constructed from solid brass bar stock. The body of the luminaire is encased by an impact resistant, black, ABS installation tube. The solid brass construction and ABS installation tube helps to protect the luminaire's body from the elements.

Gaskets

High temperature silicone for water-tight seals.

Housing

The WL16 comes with an ABS installation tube. The housing is rated for high temperatures and is manufactured from solid brass bar stock.

Lens

Comes with a factory sealed shock resistant tempered glass lens to prevent water and debris intrusion. Glass lens sits flush with top to prevent debris/water buildup. A complete set of designer lenses are available including: frosted, prismatic and many other options (see website for details).

Lamp

For use with a halogen lamp up to 35W MR16 lamp. Brilliance LED MR16 lamps are available in 4W, 5W or 7W.

Electrical Requirements

A remote 12V transformer required, may be ordered separately from PLG®. Recommended voltage range for 12V halogen lamps is 10.8V - 12V. Recommended voltage range for 12V Brilliance LEDs is 10V - 14V (12V is ideal).

Lamp Connection

Stationary, pre-greased beryllium copper socket with stainless steel MR16 lamp holder. GU5.3 base.

Recommended Installation

PLG® recommends using sand and pea gravel to secure the luminaire in the ground and allow for proper drainage around the luminaire. See Installation Instructions.

Wiring

25ft of 18AWG UL Listed, copper wire that is protected by Black Polyvinyl Chloride (PVC). PLG® recommends using copper crimp, lithium filled, grease tube connectors at each connection point (HUB).

Finish

PLG's® EWL16 in-ground well lights are all manufactured in the USA and available with a wide range of lenses and louvers. The WL16's solid brass covers have a "living finish" and can naturally change over time.

Warranty

PLG's® Lifetime Warranty (please see warranty for more details).

Manufacturing

Proudly made in the USA.

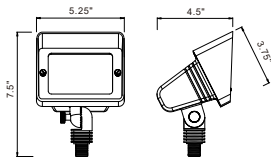


72" wire lead

MR16 Fixture

DESCRIPTION

Large in size and built heavy. Capable of the most versatile installation applications, the PLG SRF functions as a wall wash fixture. Ideal for lighting a group of trees, house facades, and signs.



SPECIFICATIONS & FEATURES:

- Solid cast brass construction
- Machined brass thumb screw
- Silicone gasket seal
- Specification grade, beryllium copper socket
- Premium grade direct burial cable
- Anti-Moisture Connections
- 50W max. halogen
- Light Bronze standard finish
- Limited lifetime warranty

