



Catalog Number	
Project	Type

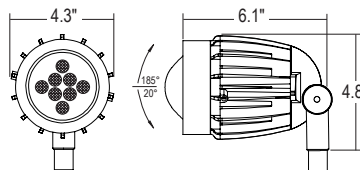


Low Voltage Simple-LED™ System
GEL-LV SERIES

Patent: D0648056



Fixture shown with S172 Down Shield



Series	Housing Height	Length & Width
GEL-LV	4.8"	6.1" x 4.3"

FEATURES & SPECIFICATIONS

APPLICATION — The Genesis 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 low voltage 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 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 — A high performance convex diffuse reduced glare lens assembly provides an efficient optical assembly in conjunction with the LED light source. The convex lenses and shields are configured to ensure water runs off and debris is washed clear of the lens in an up light application.

ELECTRICAL SYSTEM — The fixture can operate with either AC or DC input voltage. 9-16VAC or 9-16VDC input voltage. A 30 watt LED source provides approximately 1919 to 2559 Lumens of light.

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 50°C ambient operation.

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.

Example: **GEL-LV-4-2-1-1-3**

Series	Color Temp	Shield	Base	Lens	Finish
GEL-LV	4 5500K Cool White 30W (GELLV8/5500) 5 3000K Warm White 30W (GELLV8/3000) 6 4500K Neutral White 30W (GELLV8/4500)	1 Up Shield (S171) 2 Down Shield (S172) 3 Tube Shield (S173) 4 Short Tube Shield (S186)	1 Low Profile Tree Base (GEPTBZ) 0 None (Mounting accessories ordered separately)	1 Diffuse Reduced Glare Spot Lens (PL50340W) 2 Diffuse Reduced Glare Dome Lens (LEDGIL120DOME)	1 Black 2 Bronze 3 OD Green 4 White 5 Special ¹

Accessories (Order as separate line items)

B01GL Tree Base with Ground Lug	LEDLFG120LENS Green Glass Lens Filter (each)
B03 4" Round 3 Hole Cover	TLHB800RCH Digital Timer
B16-12 Palm Tree Base with 12' Strap	PSJ163 16 Gauge 3 Strand Lead Wire
TLSBBJB Brass Junction Box	
SMSB 12" x 1" Mounting Stake	
MMSB 18" x 1" Mounting Stake	
LMSB 20" x 2.5" Mounting Stake	

NOTES

- 1 Custom RAL color matching is available. Contact your Techlight sale representative for additional information.
- 2 A Techlight 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.

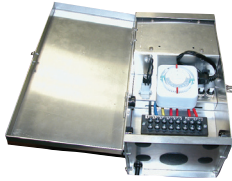
GEL-LV Low Voltage Simple-LED™ System

TRANSFORMERS AND ACCESSORIES

ELV300 300W AC Low Voltage Enclosure
ELV600 600W AC Low Voltage Enclosure
ELV900 900W AC Low Voltage Enclosure
ELV1200 1200W AC Low Voltage Enclosure



LVSS300 300W SS AC Low Voltage Enclosure
LVSS600 600W SS AC Low Voltage Enclosure
LVSS900 900W SS AC Low Voltage Enclosure
LVSS1200 1200W SS AC Low Voltage Enclosure



TLTN11
Mechanical Timer



PW122LV 12-2 Low Voltage Wire
PW102LV 10-2 Low Voltage Wire



P20000PC-LVENC
Photocell



PCCORD-6 6' Photocell Extension Cord
PCCORD-8 8' Photocell Extension Cord



NOTE: AC Power Supplies should only utilize up to **70%** of transformer wattage rating.
DC Power Supplies should only utilize up to **90%** of transformer wattage rating.

MOUNTING ACCESSORIES

GEPTBZ
Low Profile Tree Base



B16-12
Palm Tree Base with 12' Strap



B03
4" Round 3 Hole Cover



SMSB, MMSB, LMSB
12" x 1", 18" x 1" and 20" x 2.5" Mounting Stakes



B01GL
Tree Base with Ground Lug



TLSBBJB
Brass Junction Box



ADDITIONAL FIXTURE ACCESSORIES

LEDLFG120LENS
Green Glass Lens Filter (each)



TLHB800RCH
Digital Timer



PSJ163
16 Gauge 3 Strand Lead Wire



NOTES

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GEL-LV Low Voltage Simple-LED™ System

FIXTURE OUTPUT

Fixture Output

Fixture	Color Temp	Lumen Output	
		DC	AC
GEL-LV 30 Watt	CW (5500K)	2559	1920
	NW (4000K)	2500	1875
	WW (3000K)	2191	1644



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