



| | |
|----------------|------|
| 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. The high end residential grade system was designed for 120V operation residential applications.

CONSTRUCTION — The die cast aluminum heat sink has 12 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 — Techlight's proprietary OpticapSystem™ utilizes reflectors to increase fixture lumen output efficiency. The system is provided with a high performance convex lenticular prismatic flood lens made with low-iron content tempered borosilicate glass. A 96% reflective UV stabilized specular reflector is included with each system. 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. A variety of glass lens filters are available to help meet your specific lighting needs

ELECTRICAL SYSTEM — NOTE: 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. Fixture operates at 120V input voltage. Nominal open circuit current .08 amps. A 9 watt LED source provides approximately 565 (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

GS2 SERIES

Genesis Gen2 Small LED Landscape Bullet

Patent: D0648056



Fixture shown with
SGS2DN60 Down Shield

| SERIES | HOUSING HEIGHT | LENGTH & WIDTH |
|------------|----------------|----------------|
| GS2 | 2.7" | 4.8" x 2.0" |

sealed with an integral o-ring. A 1/2" threaded knuckle is provided standard.

LISTINGS — ETL listed for wet locations. Meets US and Canadian safety standards. -40°C to 50°C ambient operation.

WARRANTY — Techlight 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.

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:

GS2 FL 9 CW 120 ODG

| SERIES | DISTRIBUTION | WATTAGE | COLOR TEMP | VOLTAGE | FINISH |
|------------|-------------------------|---------------|--|----------------------|---|
| GS2 | FL = Flood (60°) | 9 = 9W | CW = Cool White NW = Neutral White WW = Warm White CRI >80 | 120 = 120 VAC | BZ = Bronze BK = Black ODG = OD Green WH = White SP = Special ¹ |

ACCESSORIES

(Order as separate line items)

- SGS2DN60** Downlight Shield
- SGS2UP30** Uplight Shield
- SGS2TUBE** Tube Shield
- B01GL** Tree Base with Ground Lug
- B02** 1/2" Conduit Base
- B03** 4" Round 3 Hole Cover
- B16-12** Palm Tree Base with 12' Strap
- SMSB** 12" x 1" Mounting Stake (Brass)
- MMSB** 18" x 1" Mounting Stake (Brass)
- LMSB** 20" x 2.5" Mounting Stake (Brass)
- LMS** 20" x 2.5" Mounting Stake (SCH 40 PVC)
- LMSZ-BK** 20" x 2.5" Mounting Stake (Zinc Top Painted Black)
- 102552²** 120-277V 10kV Surge Protector
- TLHB800RCH** Digital Timer
- TLTN11** Mechanical Timer
- PSJ163** 16 Gauge 3 Strand Lead Wire

ACCESSORIES

(Order as separate line items)

- TLSBBJB** Brass Junction Box
- LEDSFG120LENS** Green Glass Lens Filter (each)
- LEDSB120LENS** Blue Glass Lens Filter (each)
- GS2CAPCVXFLDREFL** 60° Flood OpticapSystem™ Field Installable Flood Optic

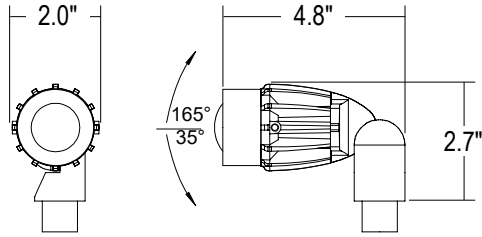
NOTES

- 1 = Custom RAL color matching is available. Contact your sales representative for additional info.
- 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.



AVAILABLE FIXTURE DIMENSIONS

Dimensions shown are for fixture bodies only. Mounting options must be ordered separately.



MOUNTING ACCESSORIES

B16-12
Palm Tree Base with 12' Strap



B03
4" Round 3 Hole Cover



B01GL
Tree Base with Ground Lug



B02
1/2" Conduit Base



TLSBBJB
Brass Junction Box



SMSB, MMSB
12" x 1" Mounting Stake (Brass)
18" x 1" Mounting Stake (Brass)



LMSB, LMS, LMSZ-BK
20" x 2.5" Mounting Stake (Brass)
20" x 2.5" Mounting Stake (SCH 40 PVC)
20" x 2.5" Mounting Stake (Zinc Top Painted Black)



ADDITIONAL FIXTURE ACCESSORIES

GS2CAPCVXFLDREFL
60° Flood OpticapSystem™
Field Installable Flood Optic



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

102552²
10kV Surge Protector



P20000PC-LVENC
Photocell (DC Transformer Operation Only)



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



PSJ163
16 Gauge 3 Strand Lead Wire



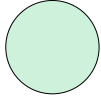
TLTN11
Mechanical Timer



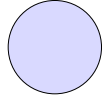
TLHB800RCH
Digital Timer



LEDSFG120LENS
Green Glass Lens Filter (each)

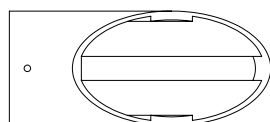
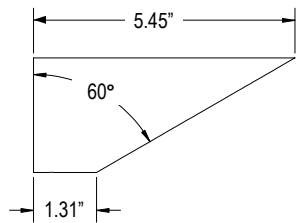


LEDSB120LENS
Blue Glass Lens Filter (each)

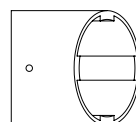
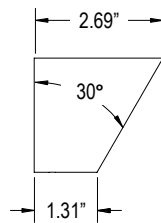


SHIELDS

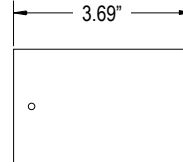
SGS2DN60
Downlight Shield



SGS2UP30
Uplight Shield



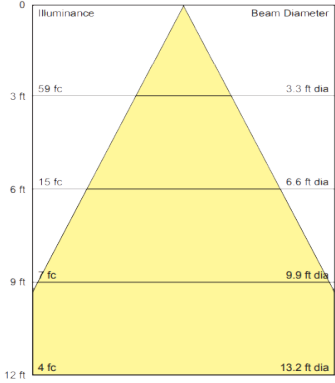
SGS2TUBE
Tube Shield



PERFORMANCE

ILLUMINANCE CONE DIAGRAMS

GS2FL9CW120 9W GS2 LED Bullet
Flood Optic Color Temperature: 5,900 K



*Lumen output less any shielding

| Fixture | Color Temp | 9W Lumen Output |
|---------|------------|-----------------|
| GS2 | CW (5900K) | 447 |
| | NW (4000K) | 425 |
| | WW (3000K) | 402 |

WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the luminaire may result in system failures and will void the warranty.

