



## FEATURES & SPECIFICATIONS

**APPLICATION** — The Genesis Gen2 line of LED Landscape Burial Lights 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 housing is made of compression molded fiber reinforced polyester composite. The color impregnated SR2 composite will not flake or peel. The LED light source is housed within a aluminum LED body with heat dissipating fins. An anti-siphon chamber is molded into the housing to keep internal electrical components from coming into contact with ground water. Multiple ring/guard assemblies are available for a customized finish.

**OPTICAL SYSTEM** — Techlight'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. Optics can be tilted +/- 15°. A variety of glass color filters are available to meet the designers specific color control needs. The composite guard rotates 360° for glare control.

**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 .15 amps. A 17 watt LED source provides approximately 1086 (CW) Lumens of light. System is compatible with the use of a rotary TRIAC Dimmer.

**MOUNTING** — Fixtures are designed to be in-ground burial lights and should be installed according to the installation instructions made available by Techlight. Proper drainage and substrate must be provided for water to flow freely through the well sleeve. A 3/4" conduit entry is supplied into the anti-siphon chamber of the housing. Concrete pour kits available (see Accessories).

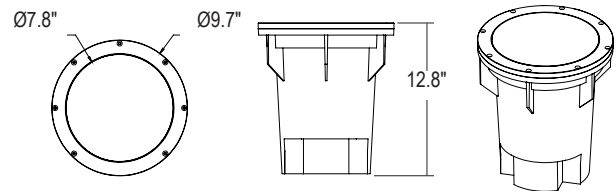
**LISTINGS** — ETL listed for wet locations (IP67). Meets US and Canadian safety standards. -40°C to 40°C ambient operation.

Catalog Number	
Project	Type



Genesis Gen2 120V Medium LED Burial Light

## TDB3W SERIES



Series	Housing Height	Diameter
<b>TDB3W</b>	12.8"	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.

<b>TDB3W</b>						
Series	Distribution		Wattage		Color Temp	
<b>TDB3W</b>	<b>FL</b>	Flood (60°)	<b>17</b>	17W	<b>CW</b>	Cool White
	<b>SP</b>	Spot (20°)			<b>NW</b>	Neutral White
					<b>WW</b>	Warm White
Voltage		Ring/Guard		Lens		
<b>120</b>		<b>CR</b>	Composite Ring	<b>FL</b>	Flat Lens	
120V		<b>SR</b>	Stainless Steel Ring	<b>CL</b>	Convex Lens	
		<b>CG</b>	Composite Guard	<b>SL</b>	Slip Resistant Lens	

### Accessories (Order as separate line items)

<b>BSP3-277-LC<sup>1</sup></b>	10kV Surge Protector
<b>PK3</b>	Concrete Pour Kit
<b>TDB3AFD</b>	TDB3W Anti Floation Device

### NOTES

- 1 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.

# TDB3W Genesis Gen2 120V Medium LED Burial Light

## PERFORMANCE

Fixture	Color Temp	30W Lumen Output	
		FL	SP
TDB3W	CW (5900K)	1086	1171
	NW (4000K)	1039	1119
	WW (3000K)	1022	1101

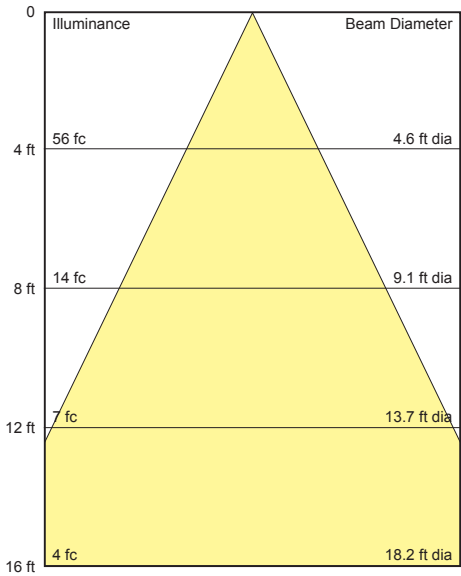
\*Delivered lumens shown do not include light loss due to the fixture grill or lens.

### ILLUMINANCE CONE DIAGRAM

#### TDB3WFL17CW120

##### Flood Optic

17W TDB3W LED  
Color Temperature: 5,900 K

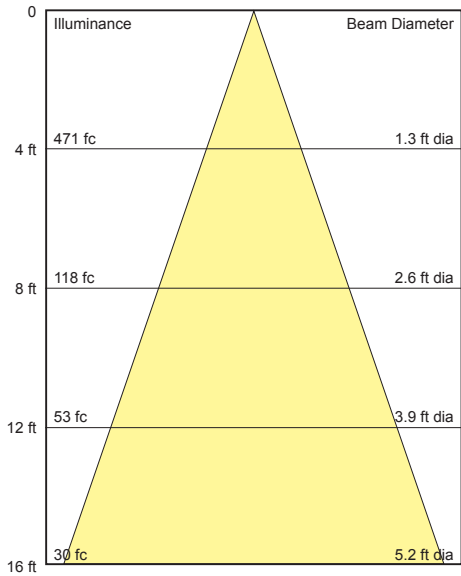


### ILLUMINANCE CONE DIAGRAM

#### TDB3WSP17CW120

##### Spot Optic

17W TDB3W LED  
Color Temperature: 5,900 K



## FIXTURE TRIM OPTIONS

Composite Ring



Stainless Steel Ring



Composite Guard



Flat Lens



Convex Lens



Slip Resistant Lens



# TDB3W Genesis Gen2 120V Medium LED Burial Light

## ADDITIONAL FIXTURE ACCESSORIES

**PK3**  
Concrete Pour Kit



**TDB3AFD**  
TDB3W Anti Floatation Device



**BSP3-277-LC<sup>1</sup>**  
10kV Surge Protector



**PSJ183**  
18 Gauge Lead Wire (Color Coded)



**GM2CAPSPOPTREFL**  
20° Spot OpticapSystem™  
Field Installable Spot Optic



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

**TLHB800RCH**  
Digital Timer



**LEDLFG120LENS**  
Green Glass Lens Filter (each)



**LEDLB120LENS**  
Blue Glass Lens Filter (each)



**GM2CAPCVXFLDREFL**  
60° Flood OpticapSystem™  
Field Installable Flood Optic



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

**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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