

Catalog Number	
Project	Type

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 low voltage 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.

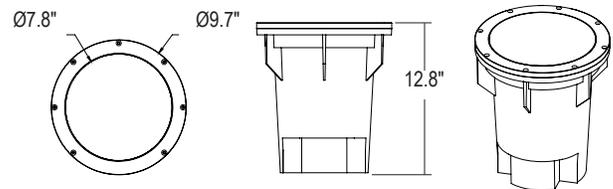
ELECTRICAL SYSTEM — **NOTE: A Techlight Surge Protector must be incorporated into the LED system at the beginning of each circuit as a minimum. Failure to do so will void the system warranty.** Fixture operates at 9-16VAC or 9-24VDC input voltage. A 23 watt LED source provides approximately 904 (CW) Lumens of light.

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.



Genesis Gen2 LV Medium LED Burial Light **TDB3W SERIES**



Series	Housing Height	Diameter
TDB3W	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.

TDB3W						
Series	Distribution	Wattage	Color Temp	Voltage	Ring/Guard	Lens
TDB3W	FL Flood (60°) SP Spot (20°)	23 23W	CW Cool White NW Neutral White WW Warm White	LV 9-16VAC 9-24VDC	CR Composite Ring SR Stainless Steel Ring CG Composite Guard	FL Flat Lens CL Convex Lens SL Slip Resistant Lens

Example: **TDB3W FL 23 NW LV CR CL**

Accessories (Order as separate line items)

BSP3-277-LC¹	10kV Surge Protector
PK3	Concrete Pour Kit
TDB3AFD	TDB3W Anti Floation Device

See page 3 for compatible transformers.

NOTES

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TDB3W Genesis Gen2 LV Medium LED Burial Light

PERFORMANCE

Fixture	Color Temp	36W Lumen Output	
		FL	SP
TDB3W	CW (5900K)	916	1023
	NW (4000K)	844	942
	WW (3000K)	809	903

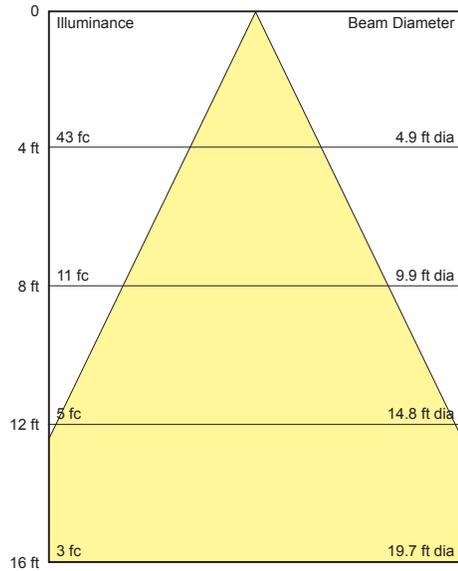
*Delivered lumens shown do not include light loss due to the fixture grill or lens.

ILLUMINANCE CONE DIAGRAM

TDB3WFL23CWL

Flood Optic

23W TDB3W LED
Color Temperature: 5,900 K

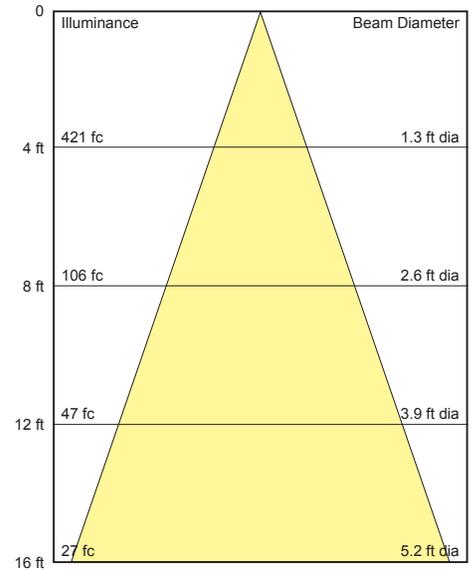


ILLUMINANCE CONE DIAGRAM

TDB3WSP23CWL

Spot Optic

23W 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 LV Medium LED Burial Light

TRANSFORMERS

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



ELV300MV24DCSS
 300W DC Transformer in a Stainless Steel Enclosure



ELV500MV24DCSS
 500W DC Transformer in a Stainless Steel Enclosure



ADDITIONAL FIXTURE ACCESSORIES

PK3
 Concrete Pour Kit



TDB3AFD
 TDB3W Anti Floatation Device



BSP3-277-LC¹
 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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