



# STARBEAM SPECIFICATIONS

## LED DIRECT BURIAL INGROUND LIGHT



### FEATURES & SPECIFICATIONS

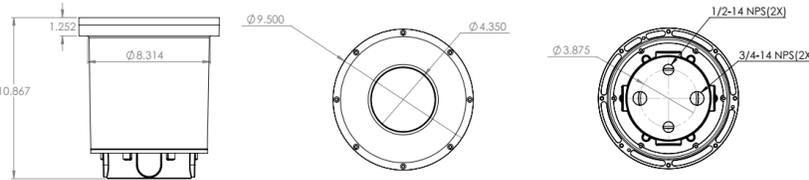
**APPLICATION** — The TDBX line of LED Landscape Burial Lights are the most versatile LED fixtures on the market today. Various beam spreads and color temperatures allow for a customized finish to any property. The high end commercial grade system was designed for 120V or 208-277V operation commercial applications.

**CONSTRUCTION** — The rough-in housing is made of black 25% glass filled polyester composite that will not flake, peel or corrode. The LED light source is housed within an 88% copper bronze alloy heat sink module for maximum heat dissipation. Internal cabling features anti-siphon wiring to prevent water intrusion as well as IP68 quick connects for quick change out and ease of installation. Silicone O-rings work with the CNC precision machined components to insure proper sealing. All fasteners provided are stainless steel. Trim plate made of 88% copper bronze alloy.

**OPTICAL SYSTEM** — A molded polycarbonate 82mm compact reflector is optimized for use with the LED light source allowing the fixture to be compact while using high density modern COB LEDs (80 CRI standard). The reflector smooths out and removes any unwanted color-over-angle artifacts from the beam. A 15mm low-iron tempered glass lens protects the light source. An aiming adjustment screw allows the optical assembly to be tilted up to 15° in any direction and locked into place.

**ELECTRICAL SYSTEM** — Fixture operates at 120V-277V. System is compatible with the use of a standard 0-10V dimmer. 10kV internal surge protection provided standard.

**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 around



the fixture. Two 3/4" and two 1/2" conduit entries are supplied on the underside of the housing. 1/2" conduit side entries available upon request. Concrete pour kits available (see Accessories). Rough-in housing may be pre-shipped<sup>1</sup> at customer's expense.

**LISTINGS** — ETL suitable for wet locations. IP68  $\overline{\text{M}}$  rated to 2 meters. Meets US and Canadian safety standards. -40°C to 40°C ambient operation. RoHS Compliant.

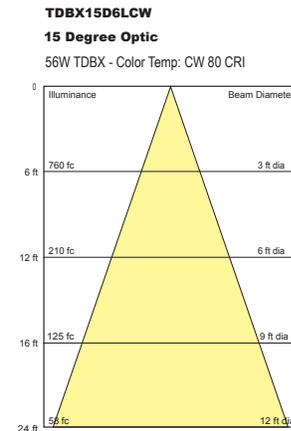
### PRODUCT INFORMATION

NOMINAL DISTRIBUTION	NOMINAL OUTPUT	COLOR TEMP	VOLTAGE	TRIM FINISH
<b>15DO</b> = 15° Optic	<b>5L</b> = 5000 Lumens, 48W <b>6L</b> = 6000 Lumens, 56W	<b>CW</b> = Cool White 5000K	<b>D</b> = Multi-Volt <sup>1</sup>	<b>BLANK</b> = No Paint Finish (Bronze) <sup>2</sup>

### DELIVERED LUMEN CHART

	5L (1200mA, 48W)		6L (1400mA, 57W)	
	CW		CW	
15DO = 15° Optic	4680		5441	

### ILLUMINANCE CONE DIAGRAMS



### ACCESSORIES (Order as separate line items)

**TDBXPK** TDBX Concrete Pour Frame (Stainless Steel)



The TDBXPK Concrete Pour Kit is a high grade rolled stainless steel mounting ring that is used with the TDBX RIH Rough-In Housing to provide simple and consistent installation into concrete. A cover is provided with the rough-in housing to keep debris and concrete out of the fixture housing.

### NOTES

- 1 = Multi-Volt is an auto ranging power supply from 120V to 277V input.
- 2 = Bronze finish consists of a polyester powder coat applied to the exposed areas of the cast lens frame only. The lens frame will be provided as natural cast bronze.



\*\*All dimensions and specifications are subject to change without notice.\*\*