

# XIG LED Inground Light



**Crossover**<sup>®</sup>  
LED LIGHTING TECHNOLOGY

## Marketing Positioning Statement

The XIG LED Direct Burial fixture is ideal for uplighting architectural and landscape features such as trees, sculptures, walls and flags. With optimized beam control; external aiming adjustability; plus 3 optic choices, the XIG delivers exceptional lighting. Its modular design ensures easy installation and its compact size is compatible with shallow site requirements. Providing tremendous energy savings along with long life, the XIG is an excellent retrofit for existing HID and CFL direct burial fixtures.

## Leading Selling Features

- ☐ SmartTec™ Control Technology – “Industry First”
- ☐ Low Total Cost of Ownership
- ☐ Outstanding Uniformity & Visual Comfort
- ☐ Leading Selection of Light Output Options
- ☐ Unparalleled Speed & Ease of Installation
- ☐ Exceptional Reliability in an In-ground LED Light

**LSI** Industries™  
American Innovation Through Technology  
A SmartVision® for the Future

# SmartTec™ Control Technology – “Industry First”

Thermal Management

LSI proprietary SmartTec heat dissipation system  
 Radiational cooling provided by architecturally aesthetic lens  
 frame retainer  
 Frame cast from high thermal conductivity alloys



Annual Energy & Maintenance Savings

## Low Total Cost of Ownership

\$1,500 savings for (20) XIG fixtures replacing (20) 100 MH fixtures  
 85% annual energy savings as compared to metal halide  
 Once installed, the XIG is virtually maintenance free  
 Based upon 12 hour daily operation @ \$.10kWh

Optical Unit

## Outstanding Uniformity & Visual Comfort

15mm low-iron tempered glass lens – does not change color of light emitted  
 19mm thick lens supplied with stainless steel trim option to retain flush surface  
 Collects and redistributes more than 90% of generated light into desired beam pattern  
 Cool-Touch lens with heat in the LED light beam – means no risk of burns on bare feet  
 Slip resistant lens available



Lumen Output

Excellent lumen output of up to 2159 (nominal) for an inground fixture

LIGHT OUTPUT - XIG					
		# of LEDs	Lumens (Nominal)		
			SP10	NFL25	FL40
Cool White	350 mA	19	2159	2076	2066
	Watts		22	23	22
Warm White	350 mA	19	1445	1485	1347
	Watts		22	23	22

## Leading Selection of Light Output Options

Distributions

Available with 10° spot, 25° narrow flood or 40° flood horizontal beam angle  
 Optics can be tilted +/- 15° from vertical via external aiming screw  
 Application layouts and photometric files available

LED Array

19 high performance, high brightness LEDs (22 watts)  
 High lumen output LEDs arrayed for high performance



**Color Temperature**

Available in cool white or warm white  
Sell cool white for a cooler color temperature  
Sell warm white for a warmer color temperature

**Temperature Range**

-40°C to +50°C (-40°F to 122°F)  
Life expectation based on rated maximum, not on nighttime average

**Input Voltage**

Universal frequency input (120V & 277V, 50/60 Hz)  
Surge protection meets ANSI C62.41.2, Scenario 1, location C-low standards (6,000V; 3,000A).

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## Unparalleled Speed & Ease of Installation

**Installation**

Modular design for easy installation  
Rough-in-housing can be shipped ahead for installation in concrete  
Luminaire connects to field wiring via IP-68 rated connector  
Compact size compatible with “shallow” site requirements

**Maintenance-Free**

Once installed, the XIG is virtually maintenance free

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## Exceptional Reliability in an In-ground LED Light

**Housing**

Composite rough-in housing never corrodes  
Field proven to last for 20 years without maintenance  
Copper alloy (85%) for wet locations  
Aluminum for damp/dry locations  
CNC precision machined to insure proper sealing

**Protection**

IP68 provides total dust ingress protection, providing long periods of liquid submersion protection - the highest IP rating available in the industry  
Factory sealed, never opened for installation to ensure no contamination by dirt or moisture  
Suitable for wet locations  
Listed to U.S. and Canadian safety standards



**Drive-over Capability**

Up to 4,000 pound vehicle weight

**Finish**

Clear-anodized natural aluminum

LSI's DuraGrip® polyester powder coat also available - resists corrosion and is scratch and ding resistant

Withstands extreme weather changes without cracking or peeling

**Long-Life**

Up to 100,000 hours of expected life equates to 11.4 years burning 24/7

5X the lamp life expectancy of HID

Once installed, XIG is virtually maintenance free

**Driver**

Driver technology specifically designed for LSI LED Inground fixture

Unsurpassed system efficiency

**Warranty**

Limited 5-year warranty

**Options/Accessories**

.18" thick stainless steel trim with radial polish finish

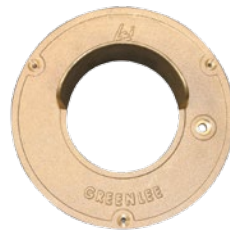
Directional Shield – aluminum or brass

Rock Guard – aluminum or brass

Slip Resistant Lens



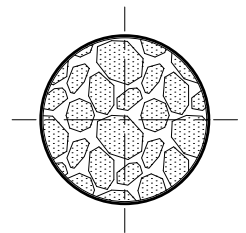
Rock Guard  
(RGA/B)  
Lens/Lamp Protection



Directional Shield  
(DSA/B)  
Increased Light Control



Stainless Steel Trim  
(SST)  
Decorative Appeal



Slip Resistant Lens  
(SRL)  
Enhance Public Safety