

XIG LED Inground Light



Crossover[®]
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



Low Total Cost of Ownership

Annual Energy & Maintenance Savings

\$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

Outstanding Uniformity & Visual Comfort

Optical Unit

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 (5400K) or warm white (3200K)
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).

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

Exceptional Reliability in an In-ground LED Light

American Made

All products designed and manufactured in the U.S.



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



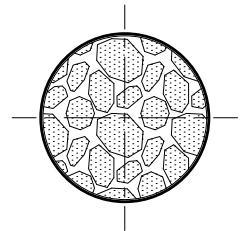
Rock Guard
(RGA/B)
Lens/Lamp Protection



Directional Shield
(DSA/B)
Increased Light Control



Stainless Steel Trim
(SST)
Decorative Appeal



Slip Resistant Lens
(SRL)
Enhance Public Safety