

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).

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

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



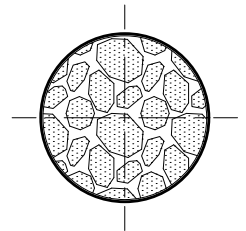
Rock Guard
(RGA/B)
Lens/Lamp Protection



Directional Shield
(DSA/B)
Increased Light Control



Stainless Steel Trim
(SST)
Decorative Appeal



Slip Resistant Lens
(SRL)
Enhance Public Safety



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