

# SxS Side By Side LED Indirect Fixture

## Leading Specification Features

Crossover®  
LED LIGHTING TECHNOLOGY



### Marketing Positioning Statement

The SxS LED fixture is a high output indirect solution for interior spaces with high ceilings (indoor tennis courts, field houses and sports practice facilities). SxS offers the perfect combination of low energy consumption and high light output (up to 97,000 lumens). Available in cool white and neutral white color temperatures, the SxS fixture is an excellent retrofit or new construction choice in place of traditional high wattage metal halide or linear fluorescent fixtures.



## Superior Control Technology - Thermal Management

**Thermal Management** LSI driver features integral sensor  
Reduces drive current when ambient temperature exceeds rated temperature

**Dimming (DIM)** 0-10V dimming enabled with controls by others

## Low Total Cost of Ownership - Quick Payback

**Annual Energy & Maintenance Savings** \$14,294 savings for (40) SxS 6 HO fixtures replacing (40) 1000W MH fixtures  
\$12,892 savings for (40) SxS 8 HO fixtures replacing (40) 1000W MH fixtures

**Payback Analysis** ROI of 2.5 years for SxS 6 HO example  
ROI of 3.2 years for SxS 8 HO example

Based upon 12 hour daily operation at \$.10kwh



## Outstanding Uniformity & Visual Comfort

**Industry-Leading Optical Unit** Features (2) slim 4" (XLHB) profile housings in die-formed steel  
Clear polycarbonate lens

**Lumen Output** Range of lumen outputs available by choosing 6 or 8 LED panels, as well as LED color temperatures

Available lumen range of 36,169 to 48,561

LIGHT OUTPUT - SXS				
S Distribution		Lumens	Watts	LPW
Cool White	SXS-6-HO	78,456	640	119
	SXS-8-HO	97,122	800	121
Neutral White	SXS-6-HO	72,338	644	112
	SXS-8-HO	91,506	798	115

LED Chips are frequently updated therefore values may increase.

## Leading Selection of Light Output Options

**Distribution** High performance distribution Symmetric (S)

**Drive Current** High Output (HO)

**Very High Efficacy** Up to 121 lumens per watt

**Color Rendering Index** Nominal CRI of 70 for 5000K CCT or 80 for 4000K CCT to meet industry standards and facilitate recognition of objects

**Color Temperature** Cool white - 5000K provides bright lighting at reduced foot candle levels  
Neutral white – 4000K for a warmer color temperature

**Temperature Range** -40°C to 40°C (-40°F to +104°F)

Suitable for typical indoor ambient temperatures

**Input Voltage** Universal voltage 120V thru 277V and 347V or 480V (50/60hz input)

## ***Speed & Ease of Installation***

**Mounting** Mounting includes Hook Cable Hangers (HCH10)

**Weight** 6/8 LED row units - 73 pounds

**Maintenance-Free** Once installed, SxS is virtually maintenance free

## ***Exceptional Reliability in SxS Lighting***

**Housing** Die-formed steel – expands from 6 to 8 LED channels for increased lumen output

Designed vertical fins serve as heat sink

Design resists accumulation of dirt and debris

Single screw access to driver and wiring connections

Purpose built for indoor sports facilities

**Listings** To UL1598, UL8750 and other U.S. and International safety standards

Suitable for damp locations

**Finish** Finished with LSI's DuraGrip® polyester powder coat process

Resists cracking and peeling

**Long-Life** Minimum 60,000 hours depending upon ambient temperature of installation location

**Surge Protector** Meets IEEE C62.41.2-2002, Location Category C, 10KV

Prevents damage to fixture due to unexpected "surge" or "swell" in AC Line Voltage

**Warranty** Limited 5-year warranty

