



# Side Light Indirect Troffer (SLI)

## Low-Profile Indirect Architectural LED Troffer



### OVERVIEW

Lumen Range (lm)	2,000 - 7,000
Form Factors (ft)	2x2, 2x4
CCT (K)	3500, 4000, 5000
Wattage Range (W)	29 - 59
Efficacy Range (LPW)	111 - 122
Weight lbs (kg)	2x2 - 10.5 (4.8) 2x4 - 22 (10)

### QUICK LINKS

## FEATURES & SPECIFICATIONS

### Construction

- Available in 2x2 and 2x4 (ft) form factors.
- Formed code-gauge steel housing, painted after fabrication.
- All metal parts are painted after fabrication following treatment with phosphate rust inhibitor. Finish coating of housing reflecting surfaces is with high-reflectance (minimum 92%) matte white polyester powder.
- Operating Temperature: -40°C - +40°C (-40°F - +104°F)

### Optical System

- Long life, high brightness LEDs virtually eliminate maintenance.
- Indirect unit with balanced illumination from sides of fixture and superior, low angle brightness control.
- Use of closely spaced medium-power, high brightness chips minimizes pixelation and provides uniform luminance.
- Available in 3500K, 4000K, or 5000K CCT.
- Standard Minimum CRI of 80. Optional 90 CRI available.

### Electrical

- High-performance isolated driver features over-voltage, under-voltage, short-circuit and over temperature protection. Class A sound rating.
- 0-10V volt dimming (1% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz.
- Calculated life: >60k Hours
- Power factor (PF): > 0.95.
- Total harmonic distribution (THD): < 20%

### Controls

- Available with AirLink™ Blue. AirLink™ Blue (ALB) is a wireless networked lighting control system. AirLink™ Blue, with technology partner Silvair, incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim.
- The optional integrated AirLink™ Blue fixture controller (ALBC) is used to dim the fixture based on motion or daylight levels continually monitored by external ALB sensors.

### Installation

- Unit simply lifts through grid ceiling and rests on T-bars. Wiring access/strain relief plate attaches with one screw, allowing connections to be made from below the ceiling.
- Integral NEC compliant earthquake clips are standard.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings

- Listed to UL 1598 and UL 8750.
- RoHS compliant, recyclable "green" design contains no mercury or other hazardous materials.
- Suitable for Damp Locations.
- IC Rated.
- Buy American Act (BAA) Compliant.

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## ORDERING GUIDE

TYPICAL ORDER EXAMPLE: SLI24 LED HO NW UE ALBC						
Prefix	Light Source	Drive Current	Color Temperature	Line Voltage	Controls	Options
SLI22 - 2x2 SLI24 - 2x4	LED	SS - Super Saver HO - High Output	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UE - 120 - 277V 347 - 347V	Blank - 0-10V standard, 1% Dim to OFF ALBC - Integral AirLink™ Blue Controller. Powered by Silvair. ALBCSD - AirLink™ Blue Motion and Daylight Sensor for Luminaire Level Lighting Control (LLC). Powered by Silvair 3PC - 3rd Party Controls. Contact Factory.	EM - Emergency Battery FC1 - 3-Conductor Flex Conduit (L, N, G) FC14 - 4-Conductor Flex Conduit (L, N, G, EM) FC15D - 5-Conductor Flex Conduit (L, N, G, DIM+, DIM-)¹ FC16DEM - 6-Conductor Flex Conduit (L, N, G, EM, DIM+, DIM-)¹ SD50 - Step Dimming to 50%¹ LDE1 - Lutron Hi-lume 1% (with Soft-On, Fade-to-Black) LDE5 - Lutron 5-Series 90C - 90 CRI Minimum



Need more information?  
[Click here for our glossary.](#)

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### ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Part Number	Order Number	Description
M20027	FK22	Flange Kit - 2x2
M20028	FK24	Flange Kit - 2x4

### CONTROLS ORDERING INFORMATION (Order as separate catalog number)

Part Number	Order Number	Description
797938	ALBC 5A UNV	5A Circuit Controller
760580	ALBCM DHS	AirLink Blue Daylight Harvesting Sensor
760380	ALBCM OS	AirLink Blue Ceiling Mount Motion Sensor
754823	ALBWS E02B WH	AirLink Blue Two Button Kinetic Switch
754824	ALBWS E04B WH	AirLink Blue Four Button Kinetic Switch

## PERFORMANCE

Delivered Lumens²								
Form Factor	Drive Current	3500K		4000K		5000K		Wattage
		Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
SLI22	SS	2393	116	2425	117	2488	120	21
SLI24		4204	122	4259	123	4370	127	28
SLI22	HO	3104	111	3145	112	3227	115	35
SLI24		5218	118	5287	119	5424	122	44

Electrical Data - AMPS³							
Lumen Package	Drive Current	Wattage	120V	208V	240V	277V	347V
SLI22	SS	21	0.17	0.10	0.09	0.07	0.06
SLI24		35	0.29	0.17	0.14	0.12	0.10
SLI22	HO	28	0.23	0.13	0.12	0.10	0.08
SLI24		44	0.23	0.21	0.19	0.16	0.13

Recommended Lumen Maintenance ⁴					
Ambient Temperature	Initial⁵	25K hrs.⁵	50K hrs.⁵	75K hrs.⁶	100K hrs.⁶
0 C	100%	97%	93%	89%	85%
10 C	100%	97%	93%	89%	85%
20 C	100%	97%	93%	89%	85%
25 C	100%	97%	93%	89%	85%
30 C	100%	97%	92%	87%	84%
40 C	100%	96%	92%	86%	83%

1 Not available with AirLink™ controls.

2 LED Chips are frequently updated therefore values are nominal.

3 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

4 Lumen maintenance values at 40C are calculated per TM-21 based on LM-80 data and in-situ testing.

5 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

6 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

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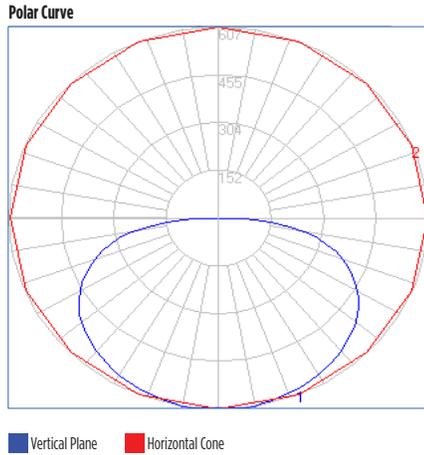
## PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

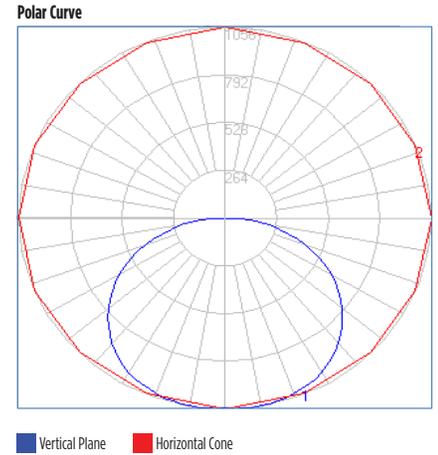
### SLI22-LED-SS-NW-UE

Zonal Lumen Summary		
Zone	Lumens	%Fixture
0-20	227.60	9.40
0-30	496.35	20.50
0-40	841.88	34.70
0-60	1638.89	67.60
0-80	2301.30	94.90
0-90	2424.67	100.00
10-90	2366.91	97.60
20-40	614.28	25.30
20-50	1006.83	41.50
40-70	1169.16	48.20
60-80	662.41	27.30
70-80	290.26	12.00
80-90	123.37	5.10
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	2424.67	100.00



### SLI24-LED-SS-NW-UE

Zonal Lumen Summary		
Zone	Lumens	%Fixture
0-20	396.01	9.3
0-30	862.92	20.3
0-40	1462.03	34.3
0-60	2848.38	66.9
0-80	4023.98	94.5
0-90	4258.98	100
10-90	4158.54	97.6
20-40	1066.02	25
20-50	1747.04	41
40-70	2041.23	47.9
60-80	1175.6	27.6
70-80	520.71	12.2
80-90	235.01	5.5
90-110	0	0
90-120	0	0
90-130	0	0
90-150	0	0
90-180	0	0
110-180	0	0
0-180	4258.98	100



CCT Proration	
CCT	Proration Factor
3500K	0.987
4000K	1.000
5000K	1.026

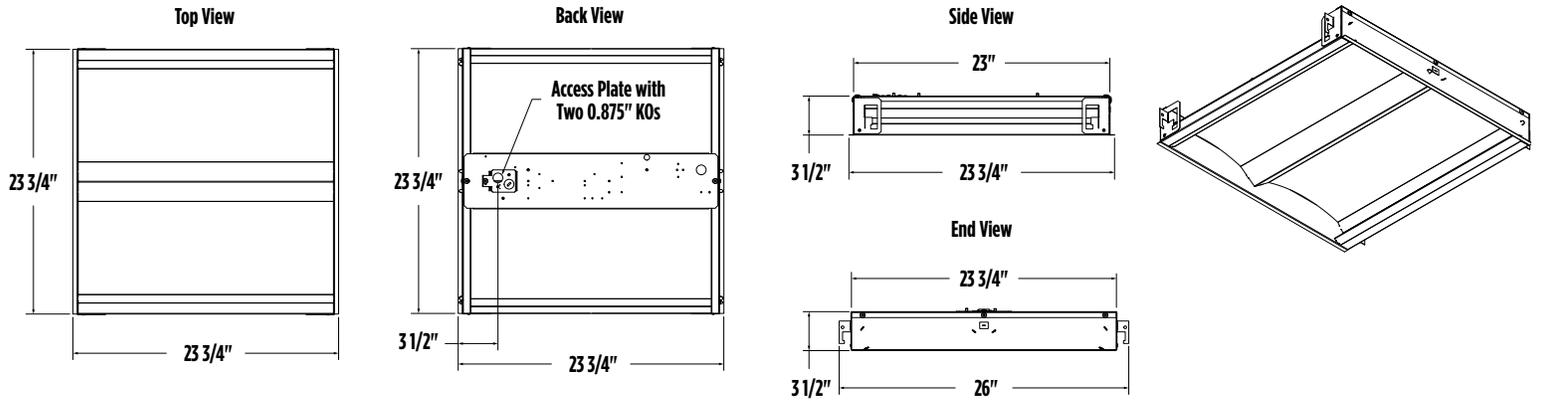
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## PRODUCT DIMENSIONS

### SLI22



### SLI24

