

SIL - Standard LED Strip

- ▶ The SIL, LED strip, brings together an economical price point and High performance
 - Strips are everywhere so what sets us apart?
 - Multiple configurations to meet your project's needs.
 - Integrated Occupancy Sensors
 - Adaptable to multiple control strategies: Dimming, Bi-level, High Frequency Sensors and more.
- ▶ SIL LED Fixtures Deliver...
 - Contoured lens and aesthetic look.
 - Latest in LED efficiency, 92-98 lumens per watt.
 - High color rendering (80+)
 - TM-21 reported L70 of over 51,000 hours.
- ▶ Why P2? It's Simple, Our Experience
 - We have seen that due to the poor lumen maintenance and low CRI inherent to F96T12 light sources, you can often do a better re-lighting job with fewer design lumens.
 - Contact the factory for photometric support to get the most out of your delivered lumens.

SIL - Solid State Strip



Application



SIL - 1x4 - ML - F - UL - 40K - SH - C8

SIL	1x4	ML	F	UL	40K	SH	C8
Model	Fixt Size	Lumen Output	Driver Output	Voltage	Color Temp.	Occ. Sensor	Cord Plug

Fixture Series
SIL = LED Strip Fixture

Fixture Size
1x4 = 1x4 Nominal
1x8 = 1x8 Nominal

Lumen Output
XL = Extra Low Wattage, 31W
LW = Low Wattage, High Efficiency, 51W
ML = Medium Lumen Output, 74W
HL = High Lumen Output, 96W

Notes
(1) Must be ordered in conjunction with lighting controls. Contact factory for assistance.
(2) Bi-level driver must be controlled by occupancy sensor or A/B switching. Contact factory for ordering assistance.

Driver Output
F = Fixed Output
DM = 0-10V Dimming (1)
BL = Bi-Level (2)v

Voltage
UL = Universal 120-277

Color Temperature
35K = 3500K
40K = 4000K
50K = 5000K

Occupancy Sensor
SH = 360 View Hi-Bay Sensor
Cord & Plug
C8 = 8' Cord, No Plug
C8/L715 = 8' Cord & Plug (L7-15P)
PQC15 = 15' Cord/Quick Connect

Other
LSP = Lighting Surge Protector (270 Joules)



Pending

Pending

SIL - Standard LED Strip

Want Fluorescent?

Consider our...

RWS



SIH



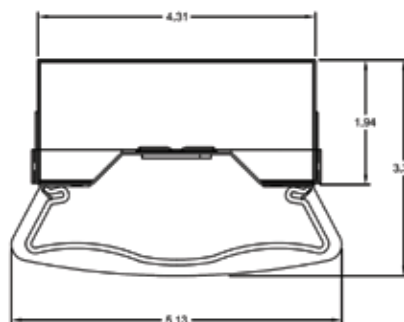
SIS



with Long Life Lamps and PS Ballasts

Fixture Construction

- Heavy Duty .032 White Aluminum cover with 22GA steel 4.25" channel
- Linear Frosted Acrylic Diffuser.
- Class 2 Driver
- Suitable for end-to-end row lighting
- Made in the USA.



Existing System

Existing Lamp / Ballast System	Lamp Quantity	Lamp Quantity & Type	Mean Lumens Per Lamp	Mean Lumens Per Fixture	Ballast Factor	Approx. Fixture Efficiency	Delivered Lumens Per Fixture	Input Watts	Delivered Lumens Per Watt
2L40-T12 Mag	2	F40/T12/WM	2,280	4,560	0.88	0.75	3,010	72	42
1L96-T12 Mag	1	F96/T12/ES	4,750	4,750	0.88	0.75	3,135	76	41
2L96-T12 Mag	2	F96/T12/ES	4,750	9,500	0.88	0.75	6,270	126	50
1L96-T12HO Mag	1	F96/T12HO/ES	6,950	6,950	0.95	0.75	4,952	125	40
2L96-T12HO Mag	2	F96/T12HO/ES	6,950	13,900	0.93	0.75	9,695	210	46
2L32-T8-MP Elec	2	F32T8/841	2,800	5,600	0.87	0.75	3,654	53	69
2L32T8-HP Elec	2	F32T8/841	2,800	5,600	1.15	0.75	4,830	73	66

Re-Lighting Options

Proposed System	Lamp Source Quantity	Lamp Source Quantity & Type	CRI	CCT	Ballast Factor	Approx. Fixture Efficiency	Delivered Lumens Per Fixture	Input Watts	Delivered Lumens Per Watt
SIL-1X4-XL	1	1X4 XL Engine	>80	4500K	1.00	1.00	2,900	31	94
SIL-1X4-LW	1	1X4 LW Engine	>80	4500K	1.00	1.00	5,019	51	98
SIL-1X4-ML	1	1X4 ML Engine	>80	4500K	1.00	1.00	6,872	72	95
SIL-1X4-HL	1	1X4 HL Engine	>80	4500K	1.00	1.00	8,781	95	92
SIL-1X8-XL	1	1X8 XL Engine	>80	4500K	1.00	1.00	5,800	62	94
SIL-1X8-LW	1	1X8 LW Engine	>80	4500K	1.00	1.00	10,038	102	98
SIL-1X8-ML	1	1X8 ML Engine	>80	4500K	1.00	1.00	17,562	190	92
SIL-1X8-HL	1	1X8 HL Engine	>80	4500K	1.00	1.00	11,600	124	94

General Notes

- Lamp/ballast system values shown are a general reference intended to supply a quick comparison of several common lamp/ballast systems, the associated energy consumption, and net lumen output.
- Fixture efficiencies and layout are not comprehended in the table, but will determine the usefulness of the system.
- Values shown are based on normal operating temperatures and at 277 volts.
- There are many operating variables that affect system output, in addition to rating variances from brand to brand.
- All T8 electronic ballast values shown are based on Ultra Efficient (aka 3rd Generation) T8 ballasts.
- All T5 and T8 lamp values shown are for basic grade lamps. Extended life and higher lumen lamps types are available.
- In addition to those shown there are a wide variety of systems to choose from, each with distinct features and cost points.
- Please consult the lamp/ballast manufacturer's catalogs for the detailed information required to model your system.