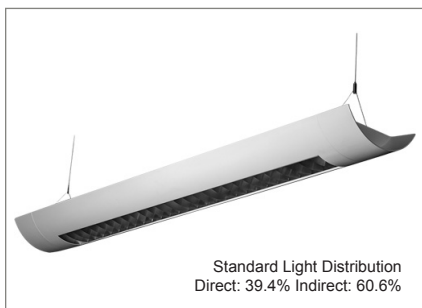


# SIOL

Project Name:	
Type:	



### APPLICATION

Architectural indoor, direct/indirect suspended light for T5, T5HO and T8 fluorescent lamps. Reflection from the ceiling creates soft and diffused lighting that ensures maximum visual comfort and balanced shadows. It can be installed individually or in a continuous line. Ideal (for use) for general office, bank, retail and educational environments.

### FEATURES:

- Die formed 20 gauge cold-rolled steel housing. Flat steel end plate standard. Powder coated for a long life finish. White finish is standard. Die cast aluminum spade end cap optional.
- 4', 8' and 12' individual fixture sections for nominal suspension spacing of 4', 8' and 12'. Using 4', 8' and 12' sections can be joined to form longer length fixtures.
- Parabolic semi-specular aluminum louvers (standard), white painted steel baffle (WBL) or white painted perforated steel baffle (WPL). Optional Opal White Diffuser (OP) overlay on louver.
- Die formed high-reflective white reflector is standard. Optional anodized specular aluminum reflector.
- Uplight and downlight distribution.
- Textured matte white polyester powder paint.

### MOUNTING:

- Provided with a standard 48" length aircraft cable mount kit for suspended mounting.

### LAMP:

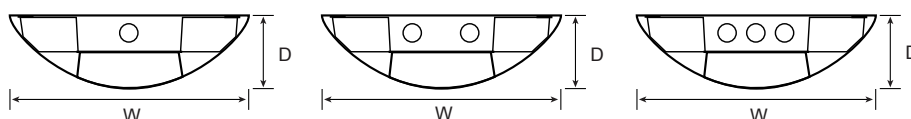
- Medium Bi-Pin twist-lock lamp sockets.
- Lamps not included.

### ELECTRICAL:

- Standard ballast for T8 is high power factor instant start electronic ballast, sound rate A, minimum starting temperature 0°F (-18°C), <10% THD, and input voltage ranges of 120 to 277 volts.
- Standard ballast for T5 or T5HO is high power factor programmed start electronic ballast, sound rate A, minimum starting temperature 0°F (-18°C), <10% THD, and input voltage ranges of 120 to 277 volts.
- Ballast disconnect plug is provided as standard.

### LISTING:

- UL / CUL listed.
- UL listed for dry & damp location.
- ARRA compliant.



### Specifications: SIOL 4', 8', 12'

Length: 48, 96, 144 (1220 / 2439 / 3658)  
 Width: 9 (229)  
 Depth: 3 (76)  
 Weight: SIOL-R4: 13.61 lbs (6.18 kg)  
 SIOL-R8: 23.24 lbs (10.54 kg)  
 SIOL-R12: 34.49 lbs (15.65 kg)

All dimensions are in inches (millimeters).

# SIOL

**ORDERING INFORMATION**

**EXAMPLE:** SIOL-12-R4-T232-UNV-X1-AC48

MODEL	ROW		SECTION <sup>1</sup>		# OF LAMPS	LAMP TYPE		REFLECTOR	
SIOL	xx	Increments Total Row Lengths	<b>R4</b>	4' Length	<b>1</b>	<b>28T5</b>	F28T5 (46")	<b>(Blank)</b>	White Reflector
			<b>R8</b>	8' Length	<b>2</b>	<b>25T8</b>	F25T8 (48")		
			<b>R12</b>	12' Length	<b>3</b>	<b>28T8</b>	F28T8 (48")		
						<b>32</b>	F32T8 (48")		
						<b>54T5HO</b>	F54T5HO (46")		

NOTE: "T" for tandem unit, add T. Example: SIOFP-8-T232

LOUVER		BALLAST		VOLTAGE		EM SECTION <sup>2</sup>		FINISH	
<b>(Blank)</b>	Semi Specular (Std.)	<b>(Blank)</b>	Standard NBF T8 Instant Start (IS), or T5 Programmed Start (PS)	<b>UNV</b>	120-277V (Std.)	<b>(Blank)</b>	None EM	<b>(Blank)</b>	Matte White (Std.)
<b>WBL</b>	White Blade			<b>120</b>	120V	<b>1SE</b>	1 Section	<b>AL</b>	Light Gray
<b>WPL</b>	White Perforated Blade	<b>LBF</b>	T8 Electronic, IS, LBF	<b>277</b>	277V	<b>2SE</b>	2 Section		
<b>OP</b>	Semi Specular Louver with White Acrylic Overlay	<b>HBF</b>	T8 Electronic, IS, HBF	<b>347</b>	347V	<b>xSE</b>	x Section		
		<b>PS</b>	T8 Electronic, PS, NBF						
		<b>LPS</b>	T8 Electronic, PS, LBF						
		<b>HPS</b>	T8/T5 Electronic, PS, HBF						

\* NBF: Normal Ballast Factor  
LBF: Low Ballast Factor  
HBF: High Ballast Factor

\* Available custom color (RAL)  
Please provide us with the RAL number.

OPTIONS				CEILING TYPE		SUSPENSION LENGTH	
<b>AB</b>	Two Ballast AB Switch	<b>DC</b>	Dust Cover	<b>X1</b>	T-bar ceiling	<b>AC48</b>	Adjustable Aircraft Cable Canopy 48"L
<b>EM</b>	Emergency Ballast <sup>2</sup>	<b>BLK</b>	Black Cord Set	<b>X2</b>	Hard ceiling	<b>AC96</b>	Adjustable Aircraft Cable Canopy 96"L
<b>EMC</b>	CEC compliant EM <sup>6</sup>	<b>DL</b>	Damp Location Label			<b>AC120</b>	Adjustable Aircraft Cable Canopy 120"L
<b>DM</b>	Dimming Ballast <sup>3</sup>	<b>LTD1</b>	Fully Downlight, White Aluminum Solid Cover			<b>AC150</b>	Adjustable Aircraft Cable Canopy 150"L
<b>GLR</b>	In Line Fuse <sup>4</sup>	<b>LTD2</b>	Soft Uplight, Prismatic Acrylic Cover				
<b>MS</b>	Integrated Occupancy Sensor with Hold-Off Daylighting	<b>BSC</b>	Straight Connector <sup>5</sup>				
<b>SPE</b>	Spade End Cap	<b>COC</b>	Separated EM feed for City of Chicago code compliance				

\* Contact Factory for more suspension options.

**NOTES:**

1. No need to select, if same as row length and section length.
2. EM is installed in last 4' of luminaire sections.  
Separate section required for 2SE or specified.  
Emergency Ballast options, see page 390.
3. Dimming Ballast options, see page 391.
4. Must specify voltage, not available with 347V.
5. Must be used with SPE.
6. Check with factory for more details.