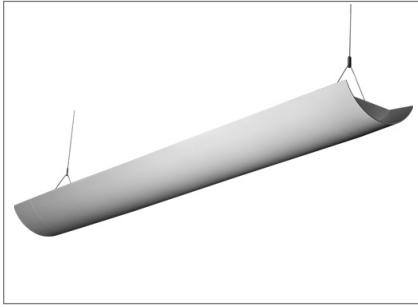


SIOS

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' and 8' individual fixture sections for nominal suspension spacing of 4' and 8'. Using 4' and 8' sections can be joined to form longer length fixtures.
- Solid diffuser.
- Die formed high-reflective white reflector is standard. Optional anodized specular aluminum reflector.
- 100% uplight, indirect light distribution.
- Textured matte white polyester powder paint.
- Overlay diffuser option as standard. (99% diffusion factor & 73% total transmission).

MOUNTING:

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

LAMP:

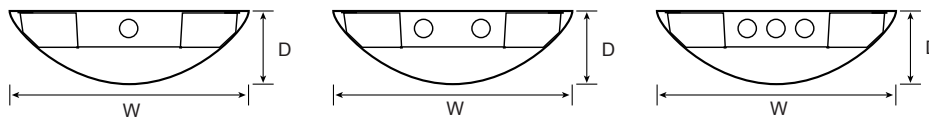
- Medium Bi-Pin twist-lock lamp sockets.
- Lamps not included.

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: SIOS 4', 8', 12'

Length: 48, 96, 144 (1220 / 2439 / 3658)
 Width: 9 (229)
 Depth: 3 (76)
 Weight:
 SIOS-R4: 15.02 lbs (6.82 kg)
 SIOS-R8: 27.14 lbs (12.31 kg)

All dimensions are in inches (millimeters).

SIOS

ORDERING INFORMATION

EXAMPLE: SIOS-12-R4-T232-UNV-SPE-X1-AC48

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

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

BALLAST		VOLTAGE		EM SECTION ²		FINISH		OPTIONS	
(Blank)	Standard NBF T8 Instant Start (IS), or T5 Programmed Start (PS)	UNV	120-277V (Std.)	(Blank)	None EM	(Blank)	Matte White (Std.)	AB	Two Ballast AB Switch
LBF	T8 Electronic, IS, LBF	120	120V	1SE	1 Section	AL	Light Gray	EM	Emergency Ballast ²
HBF	T8 Electronic, IS, HBF	277	277V	2SE	2 Section			EMC	CEC compliant EM ⁶
PS	T8 Electronic, PS, NBF	347	347V	xSE	x Section			DM	Dimming Ballast ³
LPS	T8 Electronic, PS, LBF							GLR	In Line Fuse ⁴
HPS	T8/T5 Electronic, PS, HBF							MS	Integrated Occupancy Sensor with Hold-Off Daylighting
	* NBF: Normal Ballast Factor LBF: Low Ballast Factor HBF: High Ballast Factor							SPE	Spade End Cap
								DC	Dust Cover
								BLK	Black Cord Set
								DL	Damp Location Label
								BSC	Straight Connector ⁵
								COC	Separated EM feed for City of Chicago code compliance

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

CEILING TYPE		SUSPENSION LENGTH	
X1	T-bar ceiling	AC48	Adjustable Aircraft Cable Canopy 48"L
X2	Hard ceiling	AC96	Adjustable Aircraft Cable Canopy 96"L
		AC120	Adjustable Aircraft Cable Canopy 120"L
		AC150	Adjustable Aircraft Cable Canopy 150"L

* Contact Factory for more suspension options.

NOTES:

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