

# SM

Project Name:	
Type:	



**APPLICATION**

Specification grade fixture designed for high performance and maximum efficiency. It can be installed in rows either surface or stem mounted to provide excellent, energy efficient general lighting in commercial, retail and institutional environments.

**FEATURES:**

- Die formed, cold-rolled, heavy gauge steel housing construction provides durability and strength.
- 100% acrylic, clear prismatic pattern #12 lens with nominal 0.100" thickness. Steel door frame allows easy lens replacement without tool.
- Unique door frame design delivers a premium extrude appearance.
- Door latches and hinges from either side.
- Standard door is without gasket flush steel with sturdy tee hinges and opposing, rotary action cam latches. Also available fully gasket door.
- Smooth edges for easy handling.
- Finish were high-gloss baked white enamel over rust inhibiting phosphate coating for maximum corrosion resistance.

**MOUNTING:**

- Pendant or surface mounting.
- End to end row mounting or single unit installation for both surface and stem mounting.
- 1'x4' fixture requires at least 2 stems for stem mounting. 2'x2' , 2'x4' fixtures require at least 4 stems for stem mounting.
- Compatible with most ceiling types.

**LAMP:**

- Standard T8, T5, T5HO and PL-L lamps are available.
- 2'x2' fixtures can be used with 2 to 4 higher efficiency TT5 lamps.
- Pressure-lock lamp holders or easy twist lock lamp sockets.
- Lamp not included.

**ELECTRICAL:**

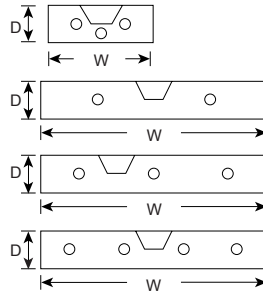
- High power factor instant start electronic ballast for T8 lamps are sound rate A, minimum starting temperature 0°F (-18°C), <10% THD and input voltage ranges of 120 to 277 volts comes as standard.
- High power factor programmed start electronic ballast for T5 and T5HO lamps are sound rate A, minimum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

**LISTING:**

- UL/CUL listed and labeled.
- Suitable for damp locations.
- ARRA compliant (optional).

**CONFIGURATIONS**

Series	Size	# Of Lamps	Lamp Type
SM	1'x4'	1, 2, 3	25T8, 28T5, 28T8, 32T8, 54T5HO
		2	14T5, 17T8, 24T5HO, 31U1, 32U6, CF40
	2'x2'	3	14T5, 17T8, 24T5HO, 31U1, CF40
		4	14T5, 17T8, 24T5HO, CF40
2'x4'	2, 3, 4, 6	25T8, 28T5, 28T8, 32T8, 54T5HO	



Specifications: 1'x4'

Length: 48 (1218)  
Width: 12 (304)  
Depth: 3-7/8 (99)  
Weight: 16.6 lbs (7.53 kg)

Specifications: 2'x2'

Length: 24 (608)  
Width: 24 (608)  
Depth: 3-7/8 (99)  
Weight: 16.16 lbs (7.33 kg)

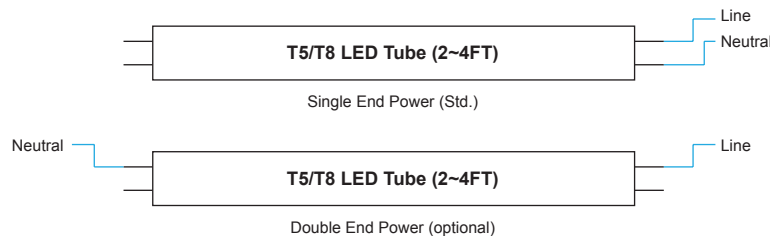
Specifications: 2'x4'

Length: 48 (1218)  
Width: 24 (608)  
Depth: 3-7/8 (99)  
Weight: 26.3 lbs (11.93 kg)

All dimensions are in inches (millimeters).

**Wiring diagram for LED ready**

Applied AC voltage depends on LED tube spec.



# SM

**ORDERING INFORMATION**

*EXAMPLE: SM24-332-UNV*

MODEL	SIZE	# OF LAMPS	LAMP TYPE		DOOR FRAME		DIFFUSER		
<b>SM</b>	<b>14</b>	1'x4'	<b>1</b>	<b>14T5</b>	F14T5 (22")	<b>(Blank)</b>	Flush Steel, White	<b>(Blank)</b>	Pattern #12 Acrylic Lens 0.100" Thick
	<b>22</b>	2'x2'	<b>2</b>	<b>17</b>	F17T8 (24")	<b>SB</b>	Flush Steel, Black	<b>A12125</b>	Pattern #12 Acrylic Lens 0.125" Thick
	<b>24</b>	2'x4'	<b>3</b>	<b>24T5HO</b>	F24T5HO (22")	<b>FB</b>	Flush Aluminum, Black	<b>A19</b>	Pattern #19 Acrylic Lens 0.156" Thick
			<b>4</b>	<b>25T8</b>	F25T8 (48")	<b>FN</b>	Flush Aluminum, Natural	<b>WA08</b>	White Acrylic 0.08" Thick
			<b>6</b>	<b>28T5</b>	F28T5 (46")	<b>FW</b>	Flush Aluminum, White	<b>WA125</b>	White Acrylic 0.125" Thick
				<b>28T8</b>	F28T8 (48")	<b>RB</b>	Regressed Aluminum, Black		
				<b>32</b>	F32T8 (48")	<b>RN</b>	Regressed Aluminum, Natural		
				<b>31U1</b>	F31U1 (1-5/8" leg) <sup>1</sup>	<b>RW</b>	Regressed Aluminum, White		
				<b>32U6</b>	F32U6 (6" leg)				
				<b>CF40</b>	CF40 TT5 (22.5") <sup>2</sup>				
			<b>54T5HO</b>	F54T5HO (46")					

BALLAST		VOLTAGE		OPTIONS	
<b>(Blank)</b>	T8 Electronic Ballast, Instant Start, <10% THD or T5 Electronic Ballast, Programmed Start, <10% THD	<b>UNV</b>	120-277V	<b>AB</b>	Two Ballast for AB Switch
<b>LBF</b>	T8 Electronic Ballast, Instant Start, Low Watt, <10% THD	<b>120</b>	120V	<b>AR</b>	Aluminum Reflector
<b>HBF</b>	T8 Electronic Ballast, Instant Start, High Light Output, <10% THD	<b>277</b>	277V	<b>EM</b>	Emergency Ballast <sup>3</sup>
<b>PS</b>	T8 Electronic Ballast, Programmed Start, <10% THD	<b>347</b>	347V	<b>EMC</b>	CEC compliant EM <sup>7</sup>
<b>LPS</b>	T8 Electronic Ballast, Programmed Start, Low Watt, <10% THD			<b>DM</b>	Dimming Ballast <sup>4</sup>
<b>HPS</b>	Electronic Ballast, Programmed Start, High Light Output, <10% THD			<b>GLR</b>	Fast Blow Fuse <sup>5</sup>
				<b>GMF</b>	Slow Blow Fuse <sup>5</sup>
				<b>CS</b>	Ceiling Spacer
				<b>GSK</b>	Fully Gasket Door
				<b>HFMS</b>	Super High Frequency Occupancy Sensor
				<b>MS11</b>	Master Slave w/ 11' Whip
				<b>PW6</b>	Pre-wired 6' Whip Flex #18/3
				<b>SLL</b>	Spring-Loaded Latches <sup>6</sup>
				<b>SSH</b>	Swivel Stem Hanger
				<b>DSH</b>	Double Stem Hanger
				<b>ARRA</b>	Assembled in USA for Buy American Act
				<b>DEP</b>	Double End Power for LED ready

**NOTES:**

1. U-Bent, 1-5/8" Leg Spacing, T8: 31 Watt
2. Twin Tube Compact, 2G11 Base: 40 Watt
3. Emergency Ballast options, see page 390.
4. Dimming Ballast options, see page 391.
5. Must specify voltage, not available with 347V.
6. Flush Aluminum door frame only.
7. Check with factory for more details.