



**SP**  
SERIES

## High-Bay Strip with Optional Integral Sensor Control

### Product Description

A high efficiency fluorescent strip style high-bay that provides exceptional light distribution for general areas in a narrow profile housing.

Applications include: warehouses, manufacturing facilities, open construction retail and aisles.

**Light Distribution** – Light is controlled offering a narrow distribution pattern. This custom reflector design maximizes downlight and provides the greatest light levels directly below the fixture. The SP is ideal for narrow aisles and/or those aisles with tall racking. For aisle applications, turning this fixture parallel to the aisle maximizes the light hitting the floor, while minimizing light loss to the racking.

### Mounting Methods

SP fixtures offer flexible mounting methods that most commonly include: standard chain hangers and surface mounting. There are other mounting options for this fixture series, and they are listed as “hanging options” below.

### Hanging Options Include:

- Surface Mount [Mounting holes provided in the housing] (Standard)
- Chain Mount [Chain hangers are supplied with the fixture] (Standard)
- Quick Cable [QC – Quick hang cable system] (Optional)

### Product Construction

The SP fixture housing is brake formed from heavy gauge cold rolled steel. Ends and socket plates are permanently riveted together for strength and rigidity. The housing is white with a durable, high reflective finish.

**Optical Reflector** system is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

**Lampholders** are made of a Polycarbonate material; these locking-style lampholders are utilized to ensure positive lamp retention. Additionally, the material contributes to a longer life product in high temperature applications.

**Ballasts** are electronic programmed-start (T5HO) or instant-start (T8) as a standard. Optional ballasts are available, consult factory for available systems and system specifications. Available voltages: 120v, 277v, 347v, voltage sensing 120-277v and 347-480v.

**Listings** – All fixtures are UL and CUL listed.



 Made in the USA

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& STRIP  
FIXTURES**



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**SP – Fixture Ordering Information**

| Fixture Series | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options*2 |
|----------------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|----------------|
| SP             | 1          | 32        | 12      | 1          | HI           | E         | BLANK   | C ( )   | BLANK      | HP             |
| SPT*1          | 2          | 54        | 27      | 2          | LI           | W         | QC      | 6T1     | 830        | A              |
|                |            |           | 34      |            | SI           | B         | QC ( )  | 6T2     | 835        | TG             |
|                |            |           | UV      |            | SI+          |           |         | E ( )   | 841        | SS             |
|                |            |           | HV      |            | PS           |           |         | F       | 850        | ES ( )         |
|                |            |           |         |            | PSL          |           |         | OS ( )  |            | XL             |
|                |            |           |         |            | PSH          |           |         | WG      |            |                |
|                |            |           |         |            | PD           |           |         | 20G     |            |                |
|                |            |           |         |            | SDH          |           |         | SDT     |            |                |
|                |            |           |         |            | AX           |           |         | PC      |            |                |

Please Specify When Ordering:

| Fixture Series | # of Lamps | Lamp Type | Voltage | # Ballasts | Ballast Type | Reflector | Hanging | Options | Lamp Color | Lamp Options |
|----------------|------------|-----------|---------|------------|--------------|-----------|---------|---------|------------|--------------|
| SP             |            |           |         |            |              |           |         |         |            |              |

\*1 SPT is an 8ft Tandem fixture, # of lamps are for the profile of the fixture.  
 \*2 Consult Factory for Manufacturer Specific Ordering Codes/Availability.

**Lamp Type Selections**

- 32 F32T8 System
- 54 F54T5HO System

**Voltage Selections**

- 12 120V
- 27 277V
- 34 347V
- UV 120-277V
- HV 347-480V

**Ballast Selections**

- HI High Ballast Factor (HBF) Electronic\*
- LI Low Ballast Factor (LBF) Electronic\*
- SI Standard Ballast Factor (NBF) Electronic\*
- SI+ 1.0BF Electronic\*
- PS Programmed Start (NBF)
- PSL Programmed Start LBF\*
- PSH Programmed Start HBF\*
- PD Programmed Start Dimming
- SDH Step Dimming HBF (100% to 60% Dimming)\*
- AX Daylight Harvesting Ballast with remote mount photosensor\*

\* T8 Only

**Reflector Selections**

- E Enhanced Aluminum
- W Highly Reflective White Aluminum
- B 95% Reflective Extreme White Aluminum

**Hanging Selections**

- BLANK Caddy Chain Hangers (Standard)
- QC Quick Hang Cable (10')
- QC( ) Quick Hang Cable (Specify Length)

**Options Selections**

- C( ) Single Circuit Cord (Specify Length)
- 6T1 6' Cord with L5-15 Locking End
- 6T2 6' Cord with L7-15 Locking End
- E( ) Emergency Pack (# Lumens)
- F Inline Fuse
- OS( ) Occupancy Sensor (Specify Lamps on Low/Lamps on High)
- WG Wiregaurd
- 20G 20 gauge NYC Standards
- SDT Step Down Transformer (480 to 277V)
- PC Photocell

**Lamp Color Selections**

- BLANK Lamps Not Included
- 830 80+ CRI, 3000K
- 835 80+ CRI, 3500K
- 841 80+ CRI, 4100K
- 850 80+ CRI, 5000K

**Lamp Options Selections**

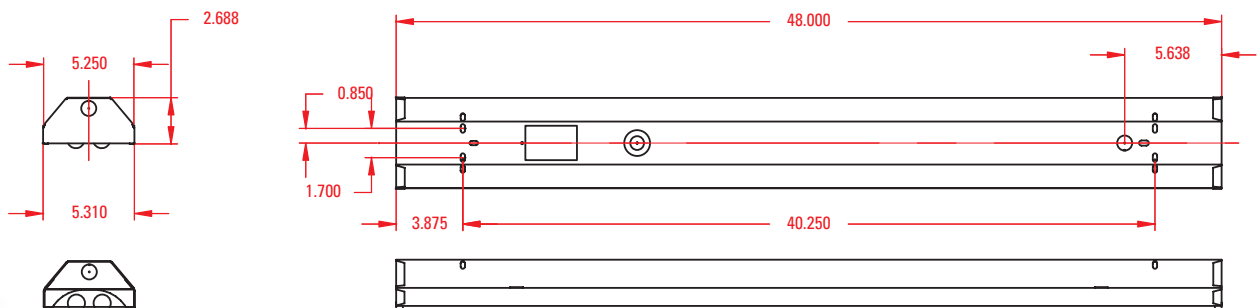
- HP High Performance, Long Life Lamps\*
- A Amalgam Tip Lamps\*\*
- TG Tubeguarded Lamps
- SS Shattershielded Lamps
- ES( ) Energy Saver (Specify Wattage)
- XL Long Life\*

\* T8 Only  
 \*\* T5HO Only

**Common Fixture Selections**

| Catalog Number    | System | # of Lamps | Wattage (120/277V)* | Initial System Lumens* | Mean System Lumens* |
|-------------------|--------|------------|---------------------|------------------------|---------------------|
| SP 232 UV 1HI E   | T8     | 2          | 74w/73w             | 7,130                  | 6,900               |
| SP 254 UV 1PS E   | T5HO   | 2          | 116w/115w           | 10,000                 | 9,500               |
| SPT 132 UV 1PSH E | T8     | 2          | 75w/74w             | 7,130                  | 6,900               |
| SPT 232 UV 1HI W  | T8     | 4          | 148w/145w           | 14,632                 | 14,160              |

\*Wattages may vary depending on the ballast manufacturer and lamp type used.  
 Initial and mean system lumens are the initial/mean lumen output of the lamp/ballast system as rated by lamp and ballast manufacturer and may vary from manufacturer to manufacturer.  
 Specifications and dimensions subject to change without notice. Contact Optimum Lighting for current availability and ordering information.



Fixture Type: \_\_\_\_\_

Catalog #: \_\_\_\_\_ Quantity: \_\_\_\_\_

Project: \_\_\_\_\_