



## SP SERIES

### High Bay fluorescent Strip with optional integral sensor control

A high efficiency fluorescent strip style High-Bay that provides exceptional light distribution for aisles and narrow spaces 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

- 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

The system (optional) is precision brake formed of the selected aluminum material. The one piece reflector is removable without the use of tools.

#### Lampholders

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

All 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.

[illegible]

| 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      |            |                 |

\*2 Consult factory for manufacturing specific ordering codes/availability.

| Lamp Type Selections                                                                  | Ballast Selections                                                                                                                                                                                                                                                                                                                                                                                                                     | Reflector Selections                                                                                                                            | Options Selections                                                                                                                                                                                                                                                                                                                                                        | Lamp Color Selections                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 32 F32T8 System<br>54 F54T5HO System                                                  | HI High Ballast Factor (HBF) Electronic*<br><br>LI Low Ballast Factor (LBF) Electronic*<br><br>SI Standard Ballast Factor (NBF) Electronic*<br><br>SI+ I.OBF Electronic*<br><br>PS Programmed Start (NBF)<br><br>PSL Programmed Start LBF*<br><br>PSH Programmed Start HBF*<br><br>PD Programmed Start Dimming<br><br>SDH Step Dimming HBF (100% to 60% Dimming)*<br><br>AX Daylight Harvesting Ballast with Remote Mount Photosensor* | E Enhanced Aluminum<br><br>W Highly Reflective White Aluminum<br><br>B 95% Reflective Extreme White Aluminum                                    | C ( ) Single Circuit Cord (Specify Length)<br><br>6T1 6' Cord with L5-I5 Locking End<br><br>6T2 6' Cord with L7-I5 Locking End<br><br>E( ) Emergency Pack (# Lumens)<br><br>F Inline Fuse<br><br>OS ( ) Occupancy Sensor (Specify Lamps on Low/Lamps on High)<br><br>WG Wire Guard<br><br>20G 20 Gauge<br><br>SDT Step Down Transformer (480 to 277V)<br><br>PC Photocell | BLANK Lamps Not Included<br><br>830 80+ CRI, 3000K<br><br>835 80+ CRI, 3500K<br><br>841 80+ CRI, 4100K<br><br>850 80+ CRI, 5000K                                                                                                |
| Voltage Selections<br><br>12 120V<br>27 277V<br>34 347V<br>UV 120-277V<br>HV 347-480V |                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hanging Selections<br><br>BLANK Caddy Chain Hangers<br><br>QC Quick Hang Cable (Specify Length)<br><br>QC ( ) Quick Hang Cable (Specify Length) |                                                                                                                                                                                                                                                                                                                                                                           | Lamp Options Selections<br><br>HP High Performance, Long Life Lamps*<br><br>A Amalgam Tip Lamps**<br><br>TG Tubeguarded Lamps<br><br>SS Shattershielded Lamps<br><br>ES ( ) Energy Saver (Specify Wattage)<br><br>XL Long Life* |
|                                                                                       | * T8 Only                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                           | * T8 Only<br>** T5HO Only                                                                                                                                                                                                       |

| Catalog number    | System | # of lamps | Wattage (120/277V)* | Initial system lumens* | Mean system lumens* |
|-------------------|--------|------------|---------------------|------------------------|---------------------|
| SP 232 UV IHI E   | T8     | 2          | 74w / 73w           | 7,130                  | 6,900               |
| SP 254 UV IPS E   | T5HO   | 2          | 116w / 115w         | 10,000                 | 9,500               |
| SPT 132 UV IPSH E | T8     | 2          | 75w / 74w           | 7,130                  | 6,900               |
| SPT 232 UV IHI W  | T8     | 4          | 148w / 145w         | 14,632                 | 14,160              |

Specifications and dimensions subject to change without notice. Contact Philips Optimum for current availability and ordering information

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