SYLVANIA QUICKTRONIC PROStart® T8 systems are ideally suited for:
- High bay
- Warehouses
- Applications where extended lamp life is required to reduce maintenance costs
- Areas where frequent switching is desired
- Occupancy sensor usage
- Building control systems
- Areas that are underlit

**Lamp Efficiency Information**

- **SYLVANIA QUICKTRONIC® PROStart® T8**
  - Operate at >42Hz to reduce potential interference with infrared control systems.
  - Operate from 120V through 277V.
  - Reduces inventory by 50%.
  - Utilizes Programmed Rapid Start operation for:
    - Reduces inventory by 50%.
    - Eliminates "wrong voltage" errors.
    - Operate above 100,000 switching cycles for reduced maintenance costs.
  - Magnetic Ballast:
    - 3-F96T12HO
    - 6-FO32/800/XPS
  - Magnetic Ballast:
    - M400/U
    - Magnetic Ballast
    - 2-QHE3x32 PSH
    - 3-F96T12HO
    - 6-FO32/800/XPS

**Key System Features**

- High Efficiency Systems are over 90% efficient.
- NEMA Premium Electronic Ballast Program compliant.
- PROStart Programmed Rapid Start for extended lamp life.
- High ballast factor: 1.15
- **Parallel operation** - one lamp out others stay lit.
- 90°C maximum case temperature.
- UL Type CC.
- LSC (Lamp Striation Control).
- Universal input voltage (120-277V).
- Minimum starting temperature:
  - -20°F/-29°C for T8 lamps.
  - 60°F/16°C for Energy Saving T8 lamps.
- RoHS compliant.
- Lead-free solder, printed circuit board and manufacturing process.

**System Information**

SYLVANIA QUICKTRONIC High Efficiency (QHE) System advantages:

- Operate from 120V through 277V.
- Eliminates "wrong voltage" errors.
- Reduces inventory by 50%.
- Utilizes Programmed Rapid Start operation for:
  - Highest system efficacy.
  - Longer life.
  - Over 100,000 switching cycles for occupancy sensor and building control systems applications.
- Operate at >42Hz to reduce potential interference with infrared control systems.

**Application Information**

SYLVANIA QUICKTRONIC PROStart T8 lamps are ideally suited for:

- High bay
- Warehouses
- Applications where extended lamp life is required to reduce maintenance costs
- Areas where frequent switching is desired
- Occupancy sensor usage
- Building control systems
- Areas that are underlit

**Type CC, Lamp Striation Control Parallel Operation High Ballast Factor**
SPECIFICATION DATA

Catalog #        Date        Type
Project
Comments

High Efficiency Type CC, Lamp Striation Control & High Ambient Temperature (120-277V)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Product Line</th>
<th>Lamp Type</th>
<th>Rated Luminous Flux (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Efficiency (lm/W)</th>
<th>Mean Lumens</th>
<th>Input Power (W)</th>
<th>System Efficacy (lm/W)</th>
<th>BEF</th>
<th>Description</th>
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<td>FO32/XP</td>
<td>3000</td>
<td>2</td>
<td>1.15</td>
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<td>5890</td>
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<td></td>
<td>Pallet Pack</td>
<td>FO32/XP</td>
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<td>1.85</td>
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</tbody>
</table>

Specifications subject to change without notice.

Specifications:

- **High Efficiency Type CC**
- **Lamp Striation Control & High Ambient Temperature (120-277V)**
- **Ballast Factor (BF) shown = (Ballast Factor x 100) divided by Input Power**
- **Calculation based on lowest wattage value.**
- **Banded pack contains 10 pieces, (add "-B" to Description).**
- **Pallet Pack contains 500 pieces, (add "-PAL" to Description).**

Dimensions:

- **2 lamp**:
  - Overall: 9.5" L x 2.38" W x 1.6" H
  - Mounting: 11.13"
  - Weight: 2.9 lbs each (approx.)

- **3 lamp**:
  - Overall: 11.75" L x 2.38" W x 1.6" H
  - Mounting: 11.13"
  - Weight: 2.9 lbs each (approx.)

- **4 lamp**:
  - Overall: 15.90" L x 2.38" W x 1.6" H
  - Mounting: 11.13"
  - Weight: 2.9 lbs each (approx.)

- **4-lamp**:
  - Overall: 11.75" L x 2.38" W x 1.6" H
  - Mounting: 11.13"
  - Weight: 2.9 lbs each (approx.)

**High Ballast Factor**

- **T8 PROStart® PSH**
- **High Efficiency**

- **Specifications**
  - **Starting Method**: Programmed Rapid-Start
  - **Ballast Factor**: 1.15
  - **Circuit Type**: Parallel
  - **Lamp Frequency**: >40 kHz
  - **Lamp CDF**: Less than 1.7

- **Specifications (Data based on F32T8)**
  - **Starting Temp**: -20°F (-29°C) for OCTRON® T8 lamps; 60°F (16°C) for SUPERSAVER® T8 lamps
  - **Input Frequency**: 50/60 Hz
  - **THD**: <10%
  - **Power Factor**: >0.98
  - **Voltage Range**: ±10% of 120-277V rated line (108-305V)

- **UL Listed Class P, Type 1 Outdoor**
  - **UL Type CC rated**
- **Lamp Striation Control (LSC)**
  - **CSA certified**

- **High Ambient Applications**
  - **90°C Max. case temp. (3 yr. warranty)**
  - **Standard Ambient Applications**: 70°C Max. Case Temp. (5 yr. warranty)
  - **FCC 47CFR Part 18 Non-Consumer Class A Sound Rating**

- **ReHS Compliant®**
  - **ANSI C62.41 Cat. A. Transient Protection GFCI compatible**

- **Emergency ballast compatible**
- **Remote mounting (Max. wire length from ballast case to lampholder)***
  - **2 ft**: full wattage T8s
  - **10 ft**: energy saving T8s
  - **4 ft**: 25W energy saving T8s

- **Operation below 50°F (10°C)**
- **Light output or lamp operation – see “Low Temp. Starting” definition.**

**System Life / Warranty**

- **QUICKTRONIC products are covered by the QUICK 60+ warranty, a comprehensive lamp and ballast system warranty.**
  - For additional details, refer to the QUICK 60+ warranty bulletin.

**OSRAM SYLVANIA**

- **National Customer Service and Sales Center**
  - **1-800-LIGHTBULB**
  - **(1-800-544-4828)**
  - www.sylvania.com

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