

# QUICKTRONIC® PROStart® PSX T8 UNIVERSAL VOLTAGE

Professional Series

OCTRON® XPS™ Lamps

## Lamp/Ballast Guide

### Primary Systems 32W T8

- 1-lamp QTP1x32T8/UNV PSX-TC
- 2-lamp QTP2x32T8/UNV PSX-TC
- 3-lamp QTP3x32T8/UNV PSX-SC
- 4-lamp QTP4x32T8/UNV PSX-SC

### Also operates:

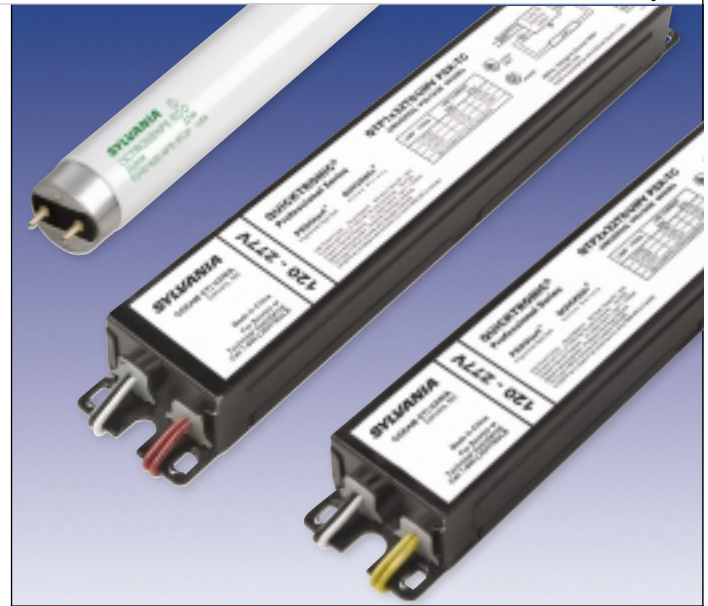
- FBO32, FBO31, FO25, FBO24, FO17, FBO16

**SYLVANIA QUICKTRONIC PROStart PSX** programmed rapid start electronic ballasts are specifically designed to be combined with the OCTRON XPS high performance T8 lamps.

The extra low (0.71) ballast factor PROStart ballast combined with the high lumen output OCTRON XPS T8 lamps deliver similar light output compared to a standard 700 series T8/88% BF system while saving up to 20% in energy.

Compared to typical ES T12/Magnetic lighting systems, SYLVANIA Xtreme Systems will deliver comparable light output while saving over 35% in energy.

In addition to substantial energy savings, QUICKTRONIC Xtreme delivers an optimized programmed start which extends OCTRON XPS lamp life to 30k hours (3 hours/start).



This advanced starting process drastically reduces the amount of cathode sputtering, resulting in improved lamp life in all applications.

All SYLVANIA Professional Series (QTP) of electronic ballasts feature high power quality (<10% THD), lightweight, low profile designs.

## Key System Features

- OCTRON XPS lamps  
30,000 hours (3 hours/start)
- PROStart  
Programmed Rapid Start
- Universal Input Voltage
- 0°F (-18°C) min. starting temperature
- Low profile enclosures  
1.00" high "Thin Can"  
1.18" high "Small Can"
- Operates at >40Khz to avoid interference with infrared control systems
- UL, CSA
- QUICK 60+® ballast and lamp warranty

## System Information

QUICKTRONIC PROStart ballasts provide optimized starting conditions for the OCTRON XPS lamp to provide up to 100,000 switching cycles and extended lamp life for occupancy sensor and building control system applications.

QUICKTRONIC PSX UNV operates from 120V through 277V, eliminating "wrong voltage" wiring errors and reducing the number of models in inventory by half.

QUICK 60+® warranty coverage is included when you use SYLVANIA lamps and ballasts together as a system. See the QUICK 60+ warranty bulletin for complete details.

## Application Information

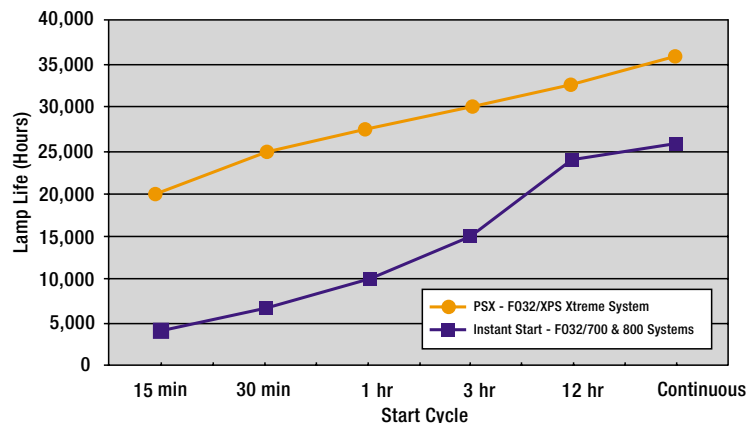
### SYLVANIA QUICKTRONIC PROStart Ballast

is ideally suited for:

- Energy Retrofits
- Occupancy Sensors
- Building Control Systems
- Any applications where maximum lamp life is required to reduce maintenance costs

Lamp & Ballast	System Wattage	Ballast Factor	Initial System Lumens	Lumen Maint. Factor @ 8000 Hours	Mean System Lumens @ 8000 Hours	Relative Light Output @ 8000 Hours	Relative Lamp Life
2-F032/741 QT 2x32 IS	59	.90	5040	.90	4535	100%	100%
2-F032/841/XP/ECO QT 2x32 LP	51	.77	4620	.95	4390	97%	120%
2-F032/841/XPS QT 2x32 PSX/UNV	47	.71	4470	.95	4250	94%	200%

Fluorescent Lamp Life Comparison



# PROStart T8 PSX UNIV VOLTAGE Low Ballast Factor

## <10% THD Electronic T8 Fluorescent PSX/XPS Xtreme Systems

Item Number	Description	Input Voltage (VAC)	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Wattage (W)	System Efficacy (lm/W)
51420	QTP 1x32T8/UNV PSX-TC	120-277	0.21/0.09	F032/XPS	3150	1	0.71	2230	25	89
51425	QTP 2x32T8/UNV PSX-TC	120-277	0.40/0.17	F032/XPS	3150	2	0.71	4470	47/46	95/97
51430	QTP 3x32T8/UNV PSX-SC	120-277	0.59/0.25	F032/XPS	3150	3	0.71	6710	73/71	92/95
51435	QTP 4x32T8/UNV PSX-SC	120-277	0.78/0.33	F032/XPS	3150	4	0.71	8940	93/91	96/98

The following item numbers will be discontinued and replaced by products above:

51210, 51211, 51212, 51213  
51220, 51221, 51222, 51223  
51230, 51231, 51232, 51233  
51240, 51241, 51242, 51243

### Performance Guide

Data shown based upon SYLVANIA OCTRON FO32/XPS lamp performance. QUICKTRONIC PROStart PSX is also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

QUICKTRONIC PROStart ballasts will operate F17, F25 and F32 (and the U-Bent equivalents) lamps. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

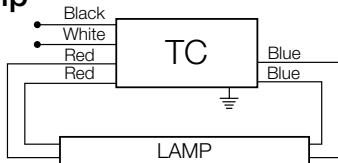
### Specifications

**Starting Method:** Programmed Rapid-Start  
**Ballast Factor:** 0.71  
**Circuit Type:** Series  
**Lamp Frequency:** > 40 KHz  
**Lamp CCF:** Less than 1.6  
**Starting Temp.:** 0°F min.<sup>1</sup>  
**Input Frequency:** 50/60 Hz  
**Low THD:** < 10%  
**Power Factor:** > 98%  
**Voltage Range:** +/-10%

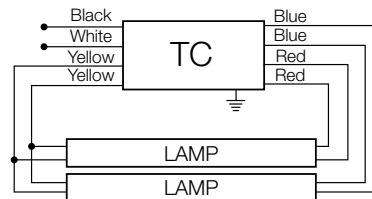
UL Listed Class P, Type 1 Outdoor  
CSA Certified  
70°C Max Case Temp.  
FCC 47CFR Part 18 Non-Consumer  
This Class A RFLD complies with Canadian ICES-005  
Class A Sound Rating  
ANSI C62.41 Cat A. Transient Remote Mounting up to 18 feet

<sup>1</sup> Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.

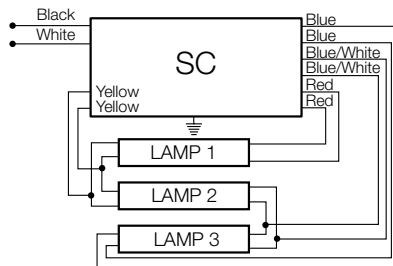
#### 1 lamp



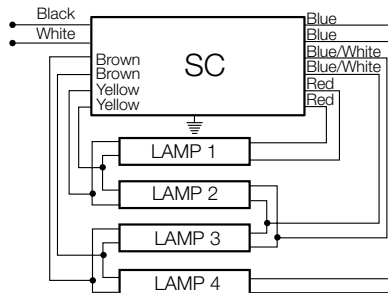
#### 2 lamp



#### 3 lamp



#### 4 lamp



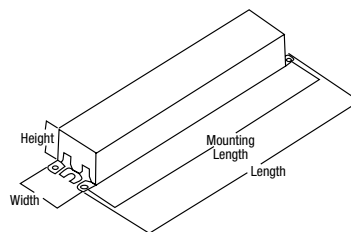
#### Dimensions "TC & SC" Enclosure:

"SC" Overall: 9.5" L x 1.68" W x 1.18" H

"TC" Overall: 9.5" L x 1.68" W x 1.00" H

Mounting: 8.90"

Weight: 1.6 lbs each



### System Life / Warranty

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

**Wiring/Packaging Configurations:** 1, 2, 3 and 4 lamp "TC & SC" models: Wiring – Leads only (No connectors provided)

Item Number ————— **51425 QTP 2 x 32T8 / UNV PSX TC**  
 QUICKTRONIC PROFESSIONAL —————  
 Number of Lamps (1, 2, 3, 4) —————  
 Primary Lamp Type (F32T8) —————

Enclosure Type (TC or SC)  
 Starting Type/Ballast Factor – PROStart/Xtreme BF  
 Line Voltage

### Ordering Guide

Specifications subject to change without notice.

Pallet Packs  
 51421 QTP 1x32T8/UNV PSX-TC  
 51426 QTP 2x32T8/UNV PSX-TC  
 51431 QTP 3x32T8/UNV PSX-SC  
 51436 QTP 4x32T8/UNV PSX-SC

OSRAM SYLVANIA National Customer Support Center

1-800-LIGHTBULB (1-800-544-4828)

www.sylvania.com