

SUPERSAVER® Xtreme Systems

QUICKTRONIC® PROStart® PSX T8 UNIVERSAL VOLTAGE

High Efficiency

OCTRON® XP® SUPERSAVER® Lamps

Lamp/Ballast Guide

SUPERSAVER Xtreme T8 Systems
FO30/SS, FBO30/SS (30W Lamps)
FO28/SS (28W Lamp) &
FO25/SS (25W Lamp)

- 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:

- FO32, FBO32, FBO31, FO25,
- FBO24, FO17, FBO16, FBO30/SS,
- FBO29/SS

Key System Features

- High Efficiency systems – over 90% efficient
- Lowest power PROStart T8 systems
- OCTRON SUPERSAVER Lamps: 30,000 hours (3 hours/start)
FO30/SS 30W lamps (2850 lm)
FO28/SS 28W lamps (2725 lm)
FO25/SS 25W lamps (2475 lm)
- PROStart PSX Xtreme Ballast Programmed Rapid Start
- Occupancy sensor applications
- Universal Input Voltage
- Extremely low ballast factor (0.71)
- 60°F min. starting temperature with OCTRON SUPERSAVER lamps
- Low profile enclosures
 1.00" high "Thin Can"
 1.18" high "Small Can"
- Operates at >40Khz to avoid interference with infrared control systems

Application Information

SYLVANIA QUICKTRONIC PROStart Ballast

is ideally suited for:

- Any applications where the lowest power systems are needed for maximum energy savings
- Energy Retrofits
- Occupancy Sensors
- Building Control Systems

SYLVANIA QUICKTRONIC PROStart PSX programmed rapid start electronic ballasts when combined with the OCTRON SUPERSAVER high performance T8 lamps provide the lowest power T8 OCTRON system available.

The extra low (0.71) ballast factor PROStart ballast combined with the 2725 lumen OCTRON SUPERSAVER FO28T8 lamps deliver similar light output compared to typical Energy Saving (ES) T12/Magnetic lighting systems while saving over 43% in energy.

In addition to substantial energy savings, QUICKTRONIC PSX ballast delivers an optimized programmed start which extends lamp life to 30K hours (3 hours/start) for 32XP, 30, 28 and 25W/SS and FBO32XPS lamps.

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.

This product is also offered in new banded packaging and pallet packs.

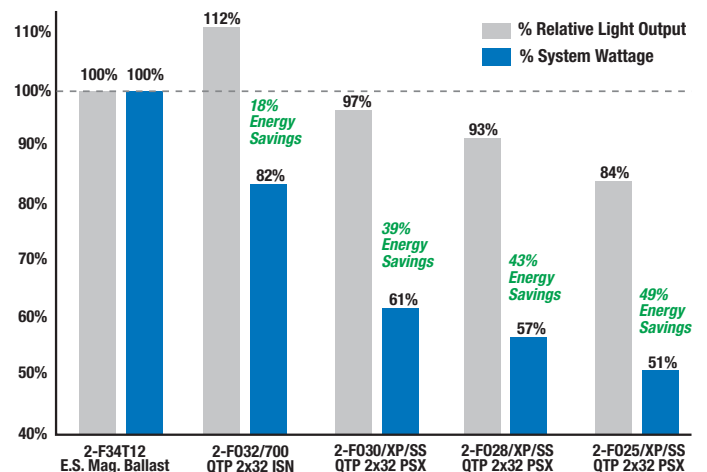
System Information

QUICKTRONIC PROStart ballasts provide optimized starting conditions for the OCTRON SUPERSAVER lamp to provide over 50,000 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.

Lamp & Ballast Type	Input Watts	Initial LPW	Mean System Lumens @ 8000 Hours	Relative Light Output @ 8000 Hours	% Energy Savings	% Lamp Life
2-F34T12 E.S. Magnetic Ballast	72	65	3,965	Baseline	Baseline	Baseline
2-F032/700 QTP 2x32 ISN	59	84	4,435	112%	18%	75%
2-F030/XP/SS QTP 2x32 PSX	44	92	3,845	97%	39%	150%
2-F028/XP/SS QTP 2x32 PSX	41	94	3,675	93%	43%	150%
2-F025/XP/SS QTP 2x32 PSX	37	95	3,340	84%	49%	150%



PSX T8 UNV SUPERSAVER® Low Power Systems

SUPERSAVER Xtreme Systems

Item #	Description	Input Voltage (VAC)	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens ²	Input Wattage (W)	System Efficacy (lm/W)
51224*	QTP 1x32T8/UNV PSX-TC	120-277	0.21/0.09	F032/700	2800	1	0.71	1990	1790	25	80
51420	10-Pack		0.21/0.09	F030/SS	2850	1	0.71	2020	1920	24	84
51421	Pallet Pack		0.19/0.09	F028/SS	2725	1	0.71	1935	1840	22	88
			0.18/0.08	F025/SS	2475	1	0.71	1760	1670	20	88
51225*	QTP 2x32T8/UNV PSX-TC	120-277	0.37/0.16	F032/700	2800	2	0.71	3975	3580	47/46	85/86
51425	10-Pack		0.37/0.16	F030/SS	2850	2	0.71	4045	3840	44/43	92/94
51426	Pallet Pack		0.35/0.15	F028/SS	2725	2	0.71	3870	3675	41/40	94/97
			0.32/0.14	F025/SS	2475	2	0.71	3515	3340	37/36	95/98
51226*	QTP 3x32T8/UNV PSX-SC	120-277	0.58/0.24	F032/700	2800	3	0.71	5965	5370	73/71	82/84
51430	10-Pack		0.58/0.24	F030/SS	2850	3	0.71	6070	5765	69/67	88/91
51431	Pallet Pack		0.55/0.23	F028/SS	2725	3	0.71	5805	5515	64/62	91/94
			0.48/0.31	F025/SS	2475	3	0.71	5270	5010	57/56	93/94
51227*	QTP 4x32T8/UNV PSX-SC	120-277	0.74/0.31	F032/700	2800	4	0.71	7950	7155	93/91	85/87
51435	10-Pack		0.74/0.31	F030/SS	2850	4	0.71	8090	7685	88/86	92/94
51436	Pallet Pack		0.70/0.30	F028/SS	2725	4	0.71	7740	7350	82/80	94/97
			0.63/0.27	F025/SS	2475	4	0.71	7030	6680	75/74	94/95

*Products listed above are 10 Piece Banded Pack Item Numbers, (add "-B" to Description).
For Pallet Pack add "-PAL" to Description.

²: Mean Lumens @ 8000 hours

Performance Guide

Data shown based upon SYLVANIA OCTRON® F030/SS (30W), F028/SS (28W) & F025/SS (25W) SUPERSAVER lamp performance.

QUICKTRONIC® PROStart® ballasts will operate F17, F25 and F32 (and 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:¹

0°F for OCTRON® T8 lamps;

60°F for SUPERSAVER® T8 lamps

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

Class A Sound Rating

ANSI C62.41 Cat A. Transient

Remote Mounting up to 20 feet

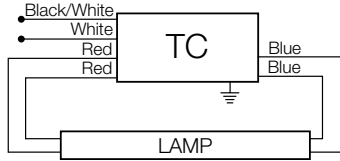
(keep blue wires short, ie. lamp(s)

attached to the blue leads to remain

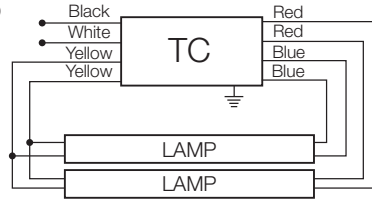
in the fixture that houses the ballast).

¹ See Starting, Lamp Seasoning and Remote Wiring Capability in the latest revision of "Ballast Technology & Specification Guide."

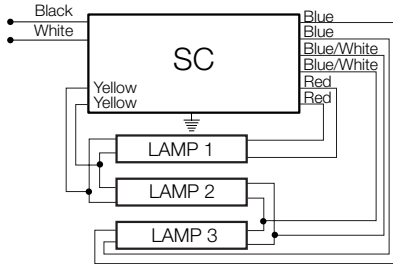
1 lamp



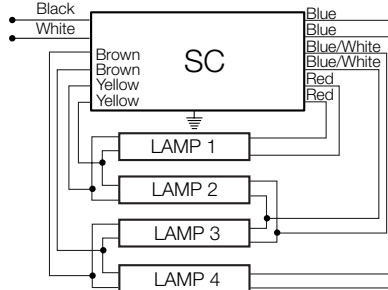
2 lamp



3 lamp



4 lamp



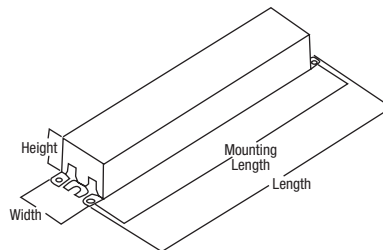
Dimensions "TC & SC" Enclosure:

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

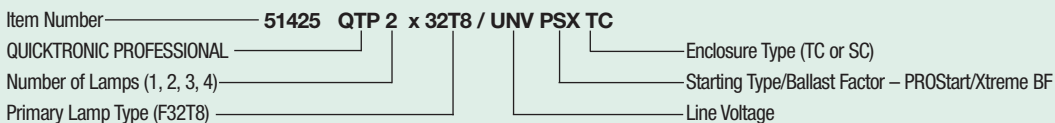
"TC" Overall: 9.5" L x 1.68" W x 1.00" H

Mounting: 8.90"

Weight: 1.6 lbs each



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



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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.

Ordering Guide

Specifications subject to change without notice.