

<10% THD Electronic T8 Fluorescent Systems

QUICKTRONIC® T8 Instant Start UNIVERSAL VOLTAGE

Professional Series

Normal Light Output

Lamp/Ballast Guide

32W T8 - OCTRON

- 1-lamp QTP1x32T8 ISN-SC
- 2-lamp QTP2x32T8 ISN-SC
- 3-lamp QTP3x32T8 ISN-SC
- 4-lamp QTP4x32T8 ISN-SC

Primary Lamp Types

FO32, FBO32, FBO31

Also operates:

FO17, FO25, FO40
FBO16, FBO24

F40T8 operation:

- 1 lamp on 2L ballast
- 2 lamps on 3L ballast
- 3 lamps on 4L ballast

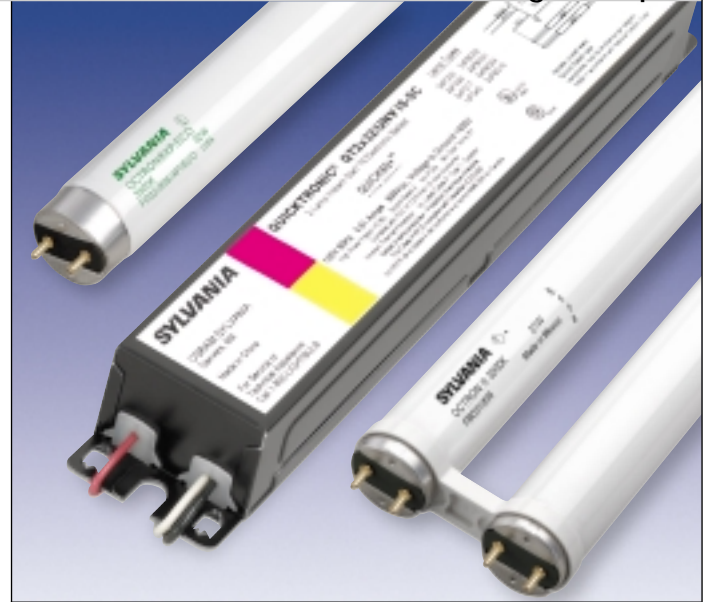
SYLVANIA QUICKTRONIC

SYSTEM 32 UNV operates OCTRON® T8 lamps with maximum efficacy and high lumen output, and provides 30-40% energy savings when compared to F40T12 magnetic systems.

New small can enclosure allows for low profile fixture design and application. New size also provides transportation, inventory and ergonomic benefits.

Parallel circuitry is utilized to keep the remaining lamps lit if one or more should go out.

Setting the standard for quality, SYSTEM 32 ISN-SC-UNV is also covered by our QUICK 60+® warranty, the first and most comprehensive lamp & ballast system warranty in the industry.



Key System Features

- New universal voltage (120-277)
- New small enclosure size
- 88% Ballast factor
- 30-40% Energy savings
- 0°F Starting
- <10% THD
- High luminous efficacy
- Virtually eliminates lamp flicker
- Quiet operation
- High power factor
- Low harmonic distortion
- Lightweight
- UL, CSA, FCC

System Information

SYSTEM 32 UNV operates from 120V through 277V, eliminating "wrong voltage" wiring errors and reducing the number of models in inventory by half.

QUICKTRONIC 32 ISN-SC-UNV uses instant start operation to provide the highest system efficacy and to assure low temperature starting capability. Instant start also provides for maximum remote wiring distances.

QUICKTRONIC 32 ISN-SC-UNV electronic ballasts have very low harmonic distortion (<10% THD) for high system performance.

Ballast operates at >42kHz to reduce potential interference with infrared control systems.

A complete OSRAM SYLVANIA System Performance Guide showing performance characteristics for all combinations of lamps and ballasts is available upon request.

System Type (2-lamp)	Input Wattage	Initial Lumens	System LPW
F40T12 - Std. Magnetic Ballast	96	5795	60
F40T12 - E.S. Magnetic Ballast	86	5795	67
F34T12 - Std. Magnetic Ballast	82	4750	58
F34T12 - E.S. Magnetic Ballast	72	4750	66
F32T8/700 - Magnetic	71	5320	75
F32T8/800 - R.S. Electronic	62	5190	84
F032/XP - QT2x32ISN-UNV	59	5280	89

Application Information

SYLVANIA QUICKTRONIC 32 UNV

is ideally suited for:

- Commercial
- Retail
- Hospitality
- Institutional
- New Construction
- Retrofit
- Direct Lighting
- Indirect Lighting
- Surface Mount
- Cove Lighting

T8 InstantStart UNIV VOLTAGE Normal Ballast Factor

Performance Guide

Data shown based upon SYLVANIA OCTRON FO32/XP lamp(s). QUICKTRONIC 32ISN-SC is also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

All models will also operate F17, F25 and F32 (and the U-Bend equivalent) T8 lamps. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

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Item Number	Description	Input Voltage (VAC)	Input Current (AMPS)	Lamp ¹ Type	Rated ² Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Input Wattage (W)	System Efficacy (lm/W)
49941	QTP 1x32T8/UNV-ISN-SC	120-277	0.26/0.11	F032/XP	3000	1	0.88	2640	30	88
49943	QTP 2x32T8/UNV-ISN-SC	120-277	0.51/0.22	F032/XP	3000	2	0.88	5280	59	89
49945	QTP 3x32T8/UNV-ISN-SC	120-277	0.77/0.33	F032/XP	3000	3	0.88	7920	87	91
49947	QTP 4x32T8/UNV-ISN-SC	120-277	0.98/0.43	F032/XP	3000	4	0.88	10560	114	93

¹ Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards.

² Rated lamp lumens and performance data based on OCTRON XP series lamps.

840 PC Pallet Packs

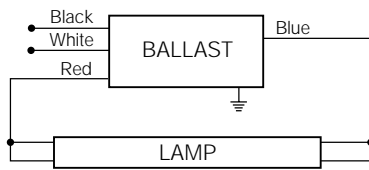
49942	QTP1x32T8/UNIV-ISN-SC-PAL	49944	QTP2x32T8/UNIV-ISN-SC-PAL
49946	QTP3x32T8/UNIV-ISN-SC-PAL	49948	QTP4x32T8/UNIV-ISN-SC-PAL

Specifications¹

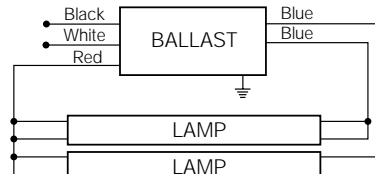
Starting Method: Instant Start
Ballast Factor: 0.88
Circuit Type: Parallel
Lamp Frequency: > 40KHz
Lamp CCF: Less than 1.7
Starting Temp.: 0°F min.¹
Input Frequency: 50/60 Hz
Low THD: < 10%
Power Factor: > 98%
Voltage Range: 108-305V

UL Listed Class P, Type 1 Outdoor
 CSA Certified (where applicable)
 75°C Max Case Temperature
 FCC 47CFR Part 18 Non-Consumer
 Class A Sound Rating
 ANSI C62.41 Cat. A Transient Protection
 Remote Mounting up to 18 feet

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

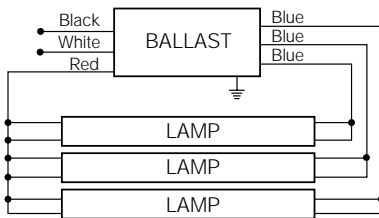


QUICKTRONIC 1x32



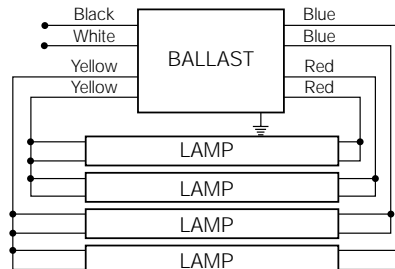
Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 2x32



Note: For two lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 3x32

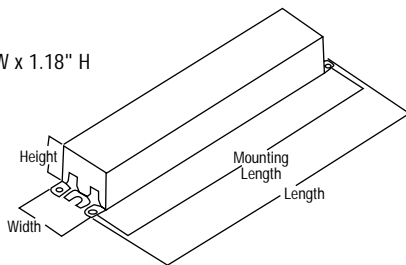


Note: For three lamp application, cap any unused blue lead. Insulate to 600 volts.

QUICKTRONIC 4x32

Dimensions:

Overall: 9.5" L x 1.68" W x 1.18" H
 Mounting: 8.90"



Packaging:

Quantity: 10 pieces/840 pieces
 Weight: 1.6 lbs each (approx)

Wiring:

Leads only (no connectors provided)

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.

Item Number	49945 QTP 3 x 32T8 / UNV ISN-SC	Case Size
QUICKTRONIC PROFESSIONAL		Starting/Ballast Factor
Number of Lamps (1, 2, 3, 4)		Line Voltage (120-277V)
		Primary Lamp Wattage

Ordering Guide

Specifications subject to change without notice.