

<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

Also operates:
 FBO32, FBO31, FO25, FBO24,
 FO17, FBO16, FO30/SS,
 FBO30/SS (30W Lamps) &
 FO28/SS (28W Lamp)

F40T8 operation:
 1 lamp on 2L ballast
 2 lamps on 3L ballast
 3 lamps on 4L ballast

Key System Features

- New universal voltage (120-277)
- New small enclosure size
- 88% Ballast factor
- 30-40% Energy savings
- 0°F (-18°C) min. starting temp. for OCTRON lamps
- 60°F (16°C) min. starting temperature with OCTRON SUPERSAVER lamps
- <10% THD
- High luminous efficacy
- Virtually eliminates lamp flicker
- Quiet operation
- High power factor
- Low harmonic distortion
- Lightweight
- UL, CSA, FCC

Application Information

QUICKTRONIC 32 UNV

is ideally suited for:

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

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.



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.

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 - QTP2x32T8/UNV ISN-SC	59	5280	89
F028/SS - QTP2x32T8/UNV ISN-SC	52	4800	92

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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	QTP1x32T8/UNV ISN-SC	120-277	0.26/0.11	F032/XP	3000	1	0.88	2640	30	88
			0.25/0.11	F030/SS	2850	1	0.88	2510	28	90
			0.23/0.10	F028/SS	2725	1	0.88	2400	26	91
49943	QTP2x32T8/UNV ISN-SC	120-277	0.50/0.21	F032/XP	3000	2	0.88	5280	59	89
			0.46/0.20	F030/SS	2850	2	0.88	5015	55	91
			0.43/0.19	F028/SS	2725	2	0.88	4800	52	92
49945	QTP3x32T8/UNV ISN-SC	120-277	0.75/0.32	F032/XP	3000	3	0.88	7920	87	91
			0.69/0.30	F030/SS	2850	3	0.88	7520	82	92
			0.65/0.28	F028/SS	2725	3	0.88	7190	77	94
49947	QTP4x32T8/UNV ISN-SC	120-277	0.95/0.40	F032/XP	3000	4	0.88	10560	114	93
			0.91/0.39	F030/SS	2850	4	0.88	10030	107	94
			0.85/0.37	F028/SS	2725	4	0.88	9590	100	96

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/UNV-ISN-SC-PAL	49944	QTP2x32T8/UNV-ISN-SC-PAL
49946	QTP3x32T8/UNV-ISN-SC-PAL	49948	QTP4x32T8/UNV-ISN-SC-PAL

T8 InstantStart UNIV VOLTAGE Normal Ballast Factor

Performance Guide

Data shown based upon OCTRON® F032/XP™ lamp(s). QUICKTRONIC® 32ISN-SC is also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

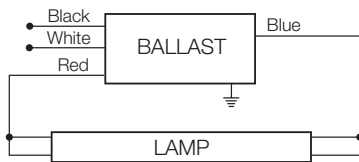
All models will also operate F17, F25 and F32 (and the U-Bend equivalent) T8 lamps.

Specifications¹

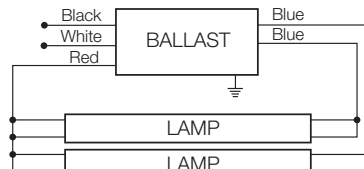
- Starting Method:** Instant Start
- Ballast Factor:** 0.88
- Circuit Type:** Parallel
- Lamp Frequency:** > 40KHz
- Lamp CCF:** Less than 1.7
- Starting Temp.:**¹
 - 0°F for OCTRON® T8 lamps;
 - 60°F for SUPERSAVER® T8 lamps
- Input Frequency:** 50/60 Hz
- Low THD:** < 10%
- Power Factor:** > 98%
- Voltage Range:** 108-305V

UL Listed Class P, Type 1 Outdoor
 CSA Certified (where applicable)
 70°C Max Case Temperature
 75°C Max Case Temp. (4 lamp model)
 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.

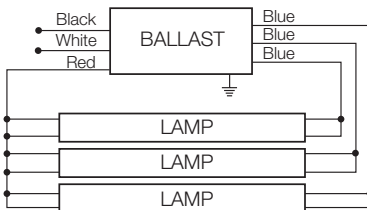


QUICKTRONIC 1x32



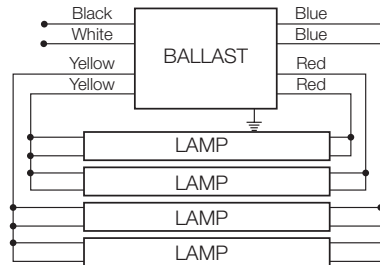
Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

QUICKTRONIC 2x32



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

QUICKTRONIC 3x32

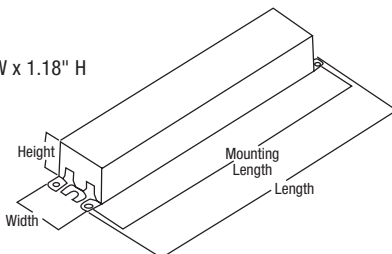


Note: For three lamp application, cap any unused blue lead. Insulate to 600 volts.

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.

Ordering Guide

Specifications subject to change without notice.

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