

QUICKTRONIC® T8 Instant Start (PLUS) UNIVERSAL VOLTAGE

Professional Series High Ballast Factor

Lamp/Ballast Guide

32W T8 - OCTRON®

- 1-lamp QTP1x32T8 ISH-SC
- 2-lamp QTP2x32T8 ISH-SC
- 3-lamp QTP3x32T8 ISH-SC

Also operates:

- FBO32, FBO31, FO30/SS (30W), FBO30/SS (30W), FBO29/SS (29W), FO28/SS (28W) & FO25/SS (25W)

SYLVANIA QUICKTRONIC SYSTEM 32 UNV ISH (PLUS)

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 ISH-UNV-SC 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
- 1.20 & 1.18 high ballast factor
- 30-40% Energy savings
- -20°F (-29°C) min. starting temp. for OCTRON lamps
- 60°F (16°C) min. starting temperature with OCTRON SUPERSAVER lamps
- <10% THD
- Full lamp life
- Virtually eliminates lamp flicker

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

QUICKTRONIC 32 ISH-UNV-SC 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.

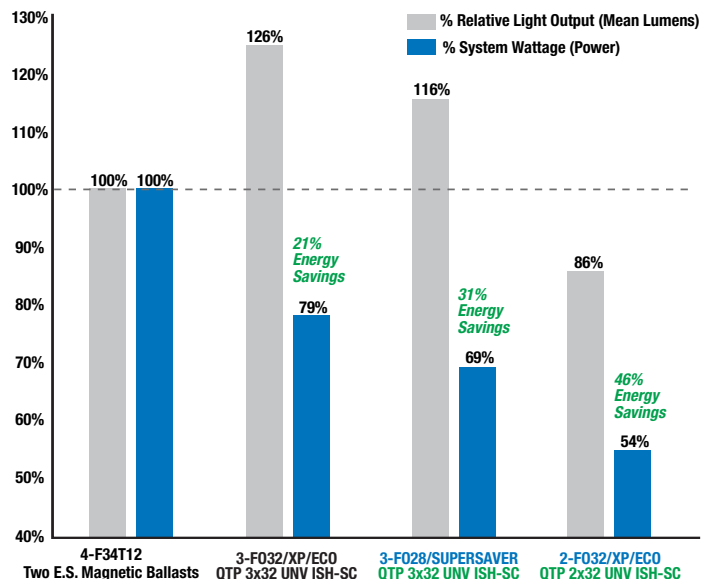
System Type	Input Wattage	Initial Lumens	System LPW	Mean Lumens	Energy Savings
4:F34T12 - Two E.S. Magnetic Ballasts	144	9330	65	7930	Baseline
4:F032T8/700 - QTP4x32T8/UNV-ISH-SC	112	9860	88	8870	22%
3:F032/XP - QTP3x32T8/UNV-ISH-SC	114/111	10620	93/96	10000	21%
3:F028/SS - QTP3x32T8/UNV-ISH-SC	100/98	9650	97/98	9170	31%
2:F032/XP - QTP2x32T8/UNV-ISH-SC	78	7200	92	6800	46%
2:F028/SS - QTP2x32T8/UNV-ISH-SC	69	6540	95	6200	52%

Application Information

SYLVANIA QUICKTRONIC 32 UNV

is ideally suited for:

- Commercial
- Retail
- Hospitality
- Institutional
- New Construction
- Retrofit



ECS060R1

High Ballast Factor

T8 Instant Start UNV VOLTAGE

<10% THD Electronic T8 Fluorescent 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)
49841	QTP1x32T8/UNV ISH-SC	120-277	0.33/0.15	F032/XP	3000	1	1.20	3600	41	88
			0.31/0.14	F030/SS	2850	1	1.20	3420	39	89
			0.29/0.13	F028/SS	2725	1	1.20	3270	36	91
			0.27/0.12	F025/SS	2475	1	1.20	2970	32	93
49843	QTP2x32T8/UNV ISH-SC	120-277	0.65/0.28	F032/XP	3000	2	1.20	7200	78	92
			0.61/0.26	F030/SS	2850	2	1.20	6840	73	93
			0.57/0.25	F028/SS	2725	2	1.20	6540	69	95
			0.51/0.22	F025/SS	2475	2	1.20	5940	61	97
49845	QTP3x32T8/UNV ISH-SC	120-277	0.95/0.41	F032/XP	3000	3	1.18	10620	114/111	93/96
			0.89/0.39	F030/SS	2850	3	1.18	10090	107/104	94/97
			0.84/0.36	F028/SS	2725	3	1.18	9650	100/98	97/98
			0.75/0.32	F025/SS	2475	3	1.18	8760	89/88	98/99

Products listed above are 10 packs.

☛ New Product, contact OSRAM SYLVANIA for product availability.

840 PC Pallet Packs

49842 QTP1x32T8/UNV ISH-SC-PAL

49844 QTP2x32T8/UNV ISH-SC-PAL

49846 QTP3x32T8/UNV ISH-SC-PAL

10 PC Banded Packs

☛ 49829 QTP1x32T8/UNV ISH-SC-B

☛ 49830 QTP2x32T8/UNV ISH-SC-B

☛ 49831 QTP3x32T8/UNV ISH-SC-B

Performance Guide

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

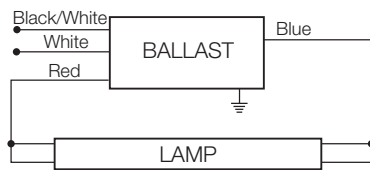
Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

Specifications¹

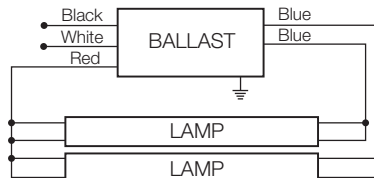
Starting Method: Instant Start
Ballast Factor: 1.18 & 1.20
Circuit Type: Parallel
Lamp Frequency: > 40KHz
Lamp CCF: Less than 1.7
Starting Temp:¹
 -20°F for OCTRON® T8 lamps;
 60°F for SUPERSAVER® T8 lamps
Input Frequency: 50/60 Hz
Low THD: < 10%
Power Factor: > 98%
Voltage Range: 108-305V

UL Listed Class P, Type 1 Outdoor
 CSA Certified (where applicable)
 70°C Max Case Temperature
 FCC 47CFR Part 18 Non-Consumer
 Class A Sound Rating
 ANSI C62.41 Cat. A Transient Protection
 Remote Mounting up to 20 feet¹

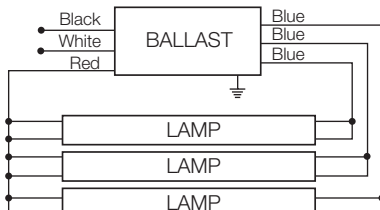
¹ Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.



QUICKTRONIC 1x32



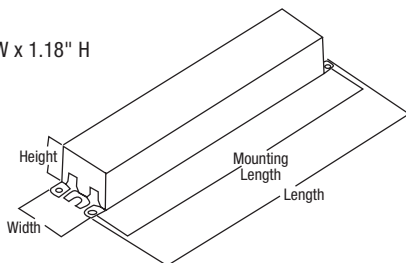
QUICKTRONIC 2x32



QUICKTRONIC 3x32

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 ——— 49845 QTP 3 x 32T8 / UNV ISH-SC ——— Case Size
 QUICKTRONIC PROFESSIONAL ——— Starting/Ballast Factor
 Number of Lamps ——— Line Voltage (120-277V)
 Primary Lamp Wattage