

QUICKTRONIC® T8 Instant Start 347 VOLT - CANADA

Standard & Professional

Normal, Low & High Ballast Factor

Lamp/Ballast Guide

32W T8 - OCTRON®

- 1-lamp QTP1x32T8/347 ISN-SC
- 2-lamp QTP2x32T8/347 ISN-SC
- 3-lamp QT3x32T8/347 ISN-SC
- 4-lamp QT4x32T8/347 ISN-SC

- 2-lamp QT2x32T8/347 ISL-SC
- 4-lamp QT4x32T8/347 ISL-SC

Primary Lamp Types:

FO32, FBO32 & FBO31

Also operates:

FO17, FO25, FO40, FBO16,
FBO24 & SUPERSAVER®
Equivalents (SS)

FO40T8 operations:

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

Note: FO40T8 0°F (-18°C)
Starting Temp.

SYLVANIA QUICKTRONIC

32IS-SC operates OCTRON T8 lamps with maximum efficacy and provides 30-40% energy savings when compared to F40T12 magnetic systems.

SYLVANIA QUICKTRONIC

59ISN operates OCTRON FO96 T8 lamps with maximum efficacy and provides 30% energy savings when compared to F96T12 magnetic systems.



2-lamp QT2x32T8/347 ISH-SC
Only operates lamp types FO32, FO30/SS, FO28/SS, FO25/SS, FBO32, FBO31, FBO30/SS, FBO29/SS

59W T8 8-Foot OCTRON

2 Lamp QT2x59/347 IS

Primary Lamp Types

FO96 T8 (59W lamp)

Also operates:

FO96T8/SS lamp (55W)

System Information

New small can enclosure on select models 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 these systems are covered by our QUICK 60+® warranty, the first and most comprehensive lamp & ballast system warranty in the industry.

Key System Features

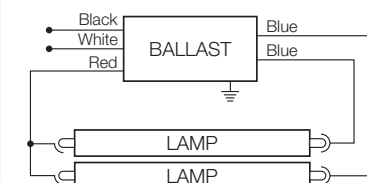
- 30-40% energy savings
- 20°F (-29°C) min. starting temp. for QTP ballast operating OCTRON lamps (See Starting Temp. details in Specification section)
- Virtually eliminates lamp flicker
- CSA approved

Application Information

SYLVANIA QUICKTRONIC Systems

- are ideally suited for:
- Commercial, Retail, Hospitality
 - Institutional
 - Schools
 - New Construction
 - Retrofit

Wiring Diagram 2x59:



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

QUICKTRONIC 2x59

2-Lamp Systems Lamp & Ballast Type	System Watts	Initial LPW	Mean System Lumens @ 8000 hrs	Relative Light Output @ 8000 hrs	% Energy Savings
2-F34T12CW E.S. Magnetic Ballast	72	65	3,965	100%	0%
2-F032/800/XP QTP2x32 ISN-SC	59	90	5,015	127%	18%
2-F028/SS QTP2x32 ISN-SC	52	92	4,555	115%	28%
2-F032/800/XP QT2x32 ISL-SC	51	91	4,390	111%	29%
2-F028/SS QT2x32 ISL-SC	45	93	3,985	101%	38%
4-Lamp Systems Lamp & Ballast Type	System Watts	Initial LPW	Mean System Lumens @ 8000 hrs	Relative Light Output @ 8000 hrs	% Energy Savings
4-F34T12CW 2-E.S. Mag Ballasts	144	65	7,930	100%	0%
4-F032/800/XP QT4x32T8 ISN-SC	112	96	10,260	129%	22%
4-F028/SS QT4x32 ISN-SC	99	99	9,320	118%	31%
4-F032/800/XP QT4x32T8 ISL-SC	98	94	8,780	111%	32%
4-F028/SS QT4x32 ISL-SC	86	98	7,975	101%	40%
2-Lamp Systems Lamp & Ballast Type	System Watts	Initial LPW	Mean System Lumens @ 8000 hrs	Mean Relative Light Output	% Energy Savings
2-F96T12 Mag. Ballast	160	71	9,985	100%	0%
F96T12/SS Mag. Ballast	125	75	8,210	82%	22%
F096T8/XP QT2x59 IS	110	98	10,200	102%	31%
F096T8/XP/SS QT2x59 IS	103	97	9,530	95%	36%

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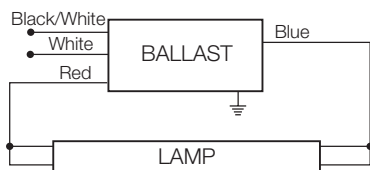
SEE THE WORLD IN A NEW LIGHT



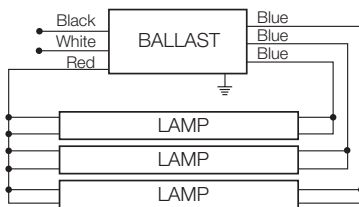
Electronic T8 Fluorescent System

Item Number	OSRAM SYLVANIA Description	Rated Voltage (VAC)	Input Current (AMPS)	Lamp Type	Rated ² Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens	Input Wattage (W)	System Efficacy (lm/W)
QUICKTRONIC® Low Ballast Factor (0.77) <20% THD											
49241	QT2X32T8/347 ISL-SC	347	0.15	F032/XP	3000	2	0.77	4620	4390	51	91
49939	QT4X32T8/347 ISL-SC	347	0.28	F032/XP	3000	4	0.77	9240	8775	98	94
QUICKTRONIC® PROFESSIONAL Normal Ballast Factor (0.88) <10% THD											
49711	QTP1X32T8/347 ISN-SC	347	0.089	F032/XP	3000	1	0.88	2700	2565	31	90
49713	QTP2X32T8/347 ISN-SC	347	0.165	F032/XP	3000	2	0.88	5280	5015	59	89
QUICKTRONIC® Normal Ballast Factor (0.90) <20% THD											
49993	QT3X32T8/347 ISN-SC	347	0.25	F032/XP	3000	3	0.90	8100	7695	87	93
49994	QT4X32T8/347 ISN-SC	347	0.34	F032/XP	3000	4	0.90	10,800	10,260	112	96
QUICKTRONIC® High Ballast Factor (1.20) <20% THD											
49927	QT2X32T8/347 ISH-SC ³	347	0.23	F032/XP	3000	2	1.2	7200	6840	78	92
QUICKTRONIC 59T8 (8 Foot) Normal Ballast Factor (0.88) <20% THD											
49217	QT2X59/347 IS	347	0.33	F096T8 XP(59W)	6100	2	0.88	10,735	10,200	110	98

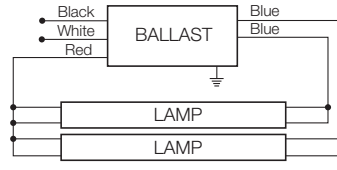
² Rated lamp lumens and performance data based on OCTRON XP series lamps.
³ QT2x32T8/347 ISH-SC model only operates 2 lamps (no 1-lamp operation).



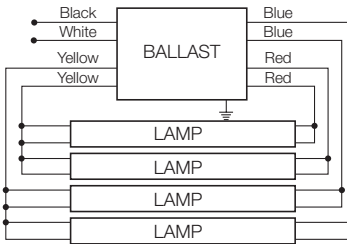
QUICKTRONIC 1x32



Note: For two lamp application, cap any blue lead. Insulate to 600 volts.
QUICKTRONIC 3x32



Note: For one lamp application, cap any blue lead. Insulate to 600 volts.
QUICKTRONIC 2x32



Note: For three lamp application, cap any unused blue lead. Insulate to 600 volts.
QUICKTRONIC 4x32

Dimensions Standard Enclosure:

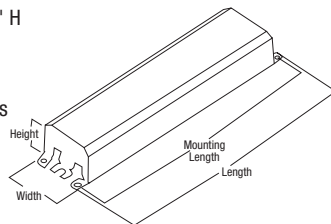
Overall: 9.5" L x 2.38" W x 1.6" H
 Mounting: 8.90"

Packaging:

Quantity: 10 pieces / 500 pieces
 Weight: 2.8 lbs ea. (approx.)

Wiring:

Leads only,
 no connectors provided

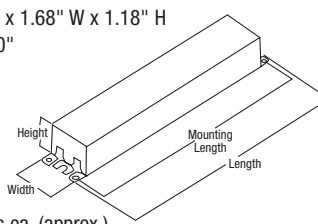


Dimensions "SC" Small Enclosure:

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

Packaging:

10 pieces
 Weight: 1.6 lbs ea. (approx.)



Item Number	49713	QTP 2 x 32T8 / 347 ISN-SC	Case Size
QUICKTRONIC Professional			Starting Type/Ballast Factor
Number of Lamps (1, 2, 3, 4)			Line Voltage
			Primary Lamp Wattage

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T8 InstantStart 347 VOLT ISN, ISL, ISH

Performance Guide

Data shown based upon SYLVANIA OCTRON® F032/XP® & F096 T8 XP Lamp(s).

QUICKTRONIC® ballasts are also compatible with other lamp manufacturers' equivalent lamp types that meet ANSI specifications.

Specifications

Starting Method: Instant Start
Ballast Factor: 0.77, 0.88, 0.90 & 1.20

Circuit Type: Parallel

Lamp Frequency:

All SC models >40kHz

Standard enclosure >20kHz

Lamp CCF: Less than 1.7

Starting Temp:¹

QTP models: -20°F (-29°C) for OCTRON T8 lamps

QT models: 0°F (-18°C) for OCTRON T8 lamps

60°F (16°C) for SUPERSAVER® T8 lamps

0°F (-18°C) for F040T8

Input Frequency: 60 Hz

THD: QTP < 10%, QT < 20%

Power Factor: > 97%

Voltage Range: ±10% of Rated Input

UL Listed Class P, Type 1 Outdoor
 CSA Certified

70°C Max Case Temperature

FCC 47 CFR Part 18 Non-Consumer

Class A Sound Rating

ANSI 62.41 Cat. A Transient Protection

Remote Mounting up to 20 feet

¹ Operation below 50°F (10°C) may affect light output or lamp operation – see "Low Temp. Starting" definition.

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.