

QUICKTRONIC® T8 8-Foot Instant Start Universal Voltage

Professional Series Normal Ballast Factor

Lamp/Ballast Guide

59W T8 8-Foot - OCTRON®
2-lamp QTP2x59T8 UNV ISN SC

Primary Lamp Type:
FO96T8 (59W Lamp)

Also operates:
FO96T8/SS (55W Lamp)
FO72T8
FO48T8

SYLVANIA QUICKTRONIC 59 ISN operates OCTRON FO96 T8 lamps with maximum efficacy and high lumen output and provides over 30 percent energy savings when compared to F96T12 magnetic systems.

Multi-lamp capability allows fewer ballasts to be used in a fixture and provides tandem wiring options. Also, parallel circuitry is utilized to keep the remaining lamp lit if one should go out.

Setting the standard for quality, SYSTEM 59 ISN is also covered by our Quick 60+® warranty, the first and most comprehensive system warranty in the industry.

New QTP 2x59T8/UNV ISN-SC UNV model operates from 120V through 277V, eliminating “wrong voltage” wiring errors and reducing the number of models in inventory by half. This product is also available in new banded packaging for added benefit.*



Key System Features

- Universal voltage (120-277)
- 88% Ballast factor
- Over 30% Energy savings
- 0°F (-18°C) min. starting temp. for OCTRON lamps
- 60°F (16°C) min. starting temperature with OCTRON SUPERSAVER® lamps
- Virtually eliminates lamp flicker

* Benefits of banded packaging include:

- Distributor-friendly for easy stocking and individual ballast sales
- Contractor-friendly for easy handling
- Reduced waste
- Easily removable bands
- No tangled wires

System Information

SYSTEM 59 ISN 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.

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

System Type (2-lamps)	Input Wattage	Mean System Lumens	Mean RLO	Initial System LPW	Energy Savings
Magnetic Ballast & F96T12	160	9,984	Baseline	71	Baseline
Magnetic Ballast & F96T12/SS	125	8,209	82%	75	22%
QTP2x59-ISN & F096T8/XP (59W)	110	10,199	102%	98	31%
QTP2x59-ISN & F096T8/XP/SS (55W)	102	9,530	95%	98	36%

Application Information

SYLVANIA QUICKTRONIC 59 ISN

is ideally suited for:

- Commercial
- Retail
- New Construction
- Industrial
- Schools
- Retrofit

Electronic T8 8-foot Fluorescent Systems Universal Voltage

59T8 InstantStart UNV VOLTAGE Normal Ballast Factor

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)
QUICKTRONIC Professional Universal Voltage <10%THD										
49598*	QTP 2x59T8/UNV ISN-SC	120-277	0.93/0.40	F096T8/XP (59W)	6100	2	0.88	10735	112/110	96/98
				F096T8/XP/SS (55W)	5700	2	0.88	10030	104/102	96/98

Performance Guide

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

SYLVANIA QUICKTRONIC Professional (QTP) 59IS ballasts are 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.

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 and SUPERSAVER® XP series lamps.

Products listed above are 10-pack.

840 PC Pallet Pack

49599 QTP 2x59T8/UNV ISN-SC

Banded Product

49590 QTP 2x59T8/UNV ISN-SC-B *replaces* 49597 QTP 2x59T8/UNV ISN-SC-SRNC

Specifications^{1,2}

Starting Method: Instant Start

Ballast Factor: 0.88

Circuit Type: Parallel

Lamp Frequency:

SC model: > 40KHz

Lamp CCF: Less than 1.7

Starting Temp:²

0°F (-18°C) for OCTRON® 96T8 lamps

60°F (16°C) for SUPERSAVER® lamps

Input Frequency: 60 Hz

Low THD: < 10%

Power Factor: > 98%

Voltage Range: +/- 10% of Rated Input

UL Listed Class P, Type 1 Outdoor
CSA Certified

70°C Max Case Temperature

FCC 47CFR Part 18 Non-Consumer

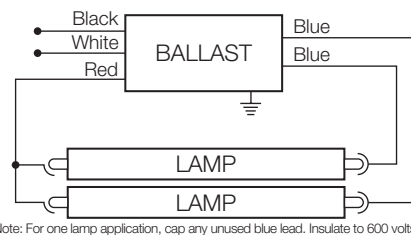
Class A Sound Rating

ANSI C62.41 Cat A. Transient Protection

Remote Mounting up to 20 feet²

¹ Data based on F096 lamp. See the SYLVANIA QUICKTRONIC Electronic Ballast Technology and Specification Guide (ECS-ELECTRONIC) for other system combinations.

² Operation below 50°F may affect light output or lamp operation – see "Low Temp. Starting" definition.



QUICKTRONIC 2x59

Dimensions "SC" Small Enclosure:

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

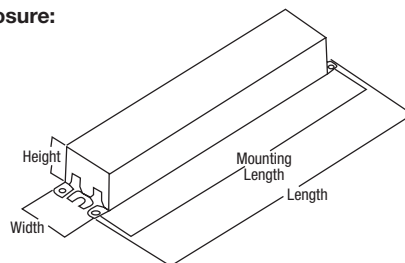
Mounting: 8.90"

Packaging:

Weight: 1.6 lbs ea. (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 Code	49598	QTP	2 x	59T8 /	UNV ISN SC	Case Size
QUICKTRONIC (PROFESSIONAL)						Starting/Ballast Factor
Number of Lamps						Line Voltage (120-277)
Primary Lamp Type (59 W F096T8)						