

# QUICKTRONIC® T8 8-Foot Instant Start UNV Systems



**Normal Ballast Factor**

## Professional Series

### Lamp/Ballast Guide

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

Primary Lamp Type:  
F096T8 (59W Lamp)

Also operates:  
F096T8/SS (54W Lamp)  
F072T8  
F048T8

### SYLVANIA QUICKTRONIC SYSTEM 59 ISN

UNV electronic T8 ballasts offer several advantages:

- Operate OCTRON T8 lamps with maximum efficacy and high lumen output
- Over 30% energy savings when compared to F96T12 magnetically ballasted systems
- Longer Lamp Life: provides 50% longer lamp life compared to standard magnetic T12 slimline systems
- Parallel Circuitry: keeps remaining lamp lit if one goes out
- Small Can Enclosure for:
  - low profile fixture design
  - transportation, inventory and ergonomic benefits
- New Banded Packaging
- Distributor-friendly for easy stocking and individual ballast sales



- Reduced waste
- Easy removable bands
- No tangled wires

These ballasts are also RoHS compliant and feature lead-free solder and manufacturing process.

Setting the standard for quality, QUICKTRONIC T8 8-foot Instant Start 59 ISN UNV systems are covered by the QUICK 60+® warranty, the first and most comprehensive lamp & ballast system warranty in the industry.

### Key System Features

- Over 30% Energy savings
- Provides 50% longer lamp life than standard magnetic T12 slimline lamps
- 0.88 Ballast factor (see table)
- Min. Starting Temp:
  - 0°F (-18°C) for T8 lamps
  - 60°F (16°C) for Energy Saving T8 lamps
- Universal voltage (120-277V)
- <10% THD
- Virtually eliminates lamp flicker
- RoHS compliant
- Lead-free solder and manufacturing process

### System Information

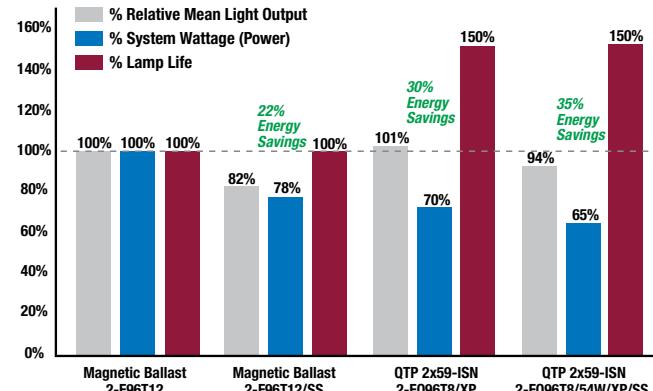
#### SYLVANIA QUICKTRONIC SYSTEM 59 ISN UNV

ballast advantages:

- Operate from 120V through 277V
  - Eliminates "wrong voltage" errors
  - Reduces inventory by 50%
- Utilizes Instant Start operation for
  - Highest System Efficacy
  - Low temperature starting capability
- Very low harmonic distortion (<10%)THD
- Operate at >42 kHz to reduce potential interference with infrared control systems
- Customers should always consider upgrading to our [High Efficiency Systems](#) to maximize energy savings.

System Type	Input Power (W)	Initial System Lumens	System Efficacy (LPW)	Mean System Lumens	Relative Mean Light Output	Energy Savings	Lamp Life (%) <sup>*</sup>
Magnetic Ballast 2-F96T12	160	11,345	71	9985	100%	0%	Baseline
Magnetic Ballast 2-F96T12/SS	125	9330	75	8210	82%	22%	100%
QTP2x59-ISN 2-F096T8/XP (59W)	112	10,735	96	10,090	101%	30%	150%
QTP2x59-ISN F096T8/54W/XP/SS	104	10,030	96	9430	94%	35%	150%

<sup>\*</sup>3 hours/start



### Application Information

#### SYLVANIA QUICKTRONIC 59 ISN ballasts

are ideally suited for:

- Commercial
- Retail
- New construction
- Industrial
- Schools
- Retrofit



## SPECIFICATION DATA

Catalog # \_\_\_\_\_ Date \_\_\_\_\_ Type \_\_\_\_\_  
 Project \_\_\_\_\_ Prepared by \_\_\_\_\_  
 Comments \_\_\_\_\_

## Electronic T8 8-foot Fluorescent Systems Universal Voltage (120-277V)



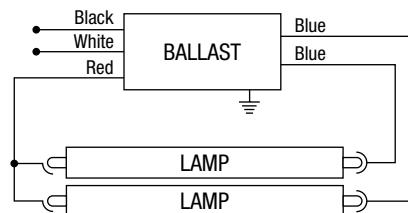
Normal Ballast Factor										
59 T8 Instant Start										
Professional Series										
Performance Guide										
Data based upon SYLVANIA OCTRON® lamps shown. QUICKTRONIC® 59 ISN-SC is also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.										
Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Ballast Technology & Specification Guide.										
Specifications										
Data based on F096T8										

Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens	Input Power (W)	System Efficacy (lm/W)	BEF <sup>1</sup>
49590	QTP2x59T8/UNV ISN-SC Banded Pack	0.93/0.40	F096T8/700 (59W)	5700	2	0.88	10,030	9030	112/110	90/91	0.80
49598	10-Pack	0.93/0.40	F096T8/XP (59W)	6100	2	0.88	10,735	10,090	112/110	96/98	0.80
		0.85/0.36	F096T8/54W/XP/SS	5700	2	0.88	10,030	9430	104/102	96/98	0.86
		0.70/0.31	F072T8/XP	4650	2	0.89	8275	7780	86/85	96/97	1.05
		0.47/0.21	F048T8/XP	2850	2	0.89	5075	4770	58	88	1.53
		0.56/0.25	F096T8/XP (59W)	6100	1	1.02	6220	5850	67	93	1.52
		0.51/0.22	F096T8/54W/XP/SS	5700	1	1.02	5815	5465	62	94	1.65
		0.43/0.20	F072T8/XP	4650	1	1.02	4745	4460	51	93	2.00
		0.30/0.14	F048T8/XP	2850	1	1.03	2935	2760	36	82	2.86

Banded Pack, (add “-B” to Description). Banded Pack and 10-Pack contain 10 pieces each.

F096T8/XP/SS (55W) has been re-rated to F096/54W/XP/SS.

1 Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).



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

### QUICKTRONIC 2x59

#### Dimensions "SC" Small Enclosure:

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

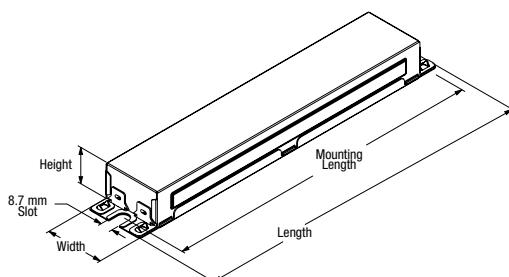
Mounting: 8.90"

#### Product Weight:

1.6 lbs ea. (approx.)

#### Wiring:

Leads only,  
no connectors provided



Item Number \_\_\_\_\_ 49598 QTP 2 x 59T8 / UNV ISN SC \_\_\_\_\_ Case Size \_\_\_\_\_  
 QUICKTRONIC PROFESSIONAL \_\_\_\_\_ Starting/Ballast Factor \_\_\_\_\_  
 Number of Lamps \_\_\_\_\_ Line Voltage (120-277V) \_\_\_\_\_  
 Primary Lamp Type (59W F096T8) \_\_\_\_\_

Specifications subject to change without notice.

## System Life / Warranty

QUICKTRONIC products are covered by the QUICK 60+® warranty, a comprehensive lamp and ballast system warranty. For additional details, refer to the QUICK 60+ warranty bulletin.

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