SYLVANIA QUICKTRONIC® T8 Instant Start UNIVERSAL VOLTAGE
Professional Series

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, F025, FBO24, F017, FBO16, F030/SS (30W), FBO30/SS (30W), FBO29/SS (29W), FO28/SS (28W) & FO25/SS (25W)

FO40T8 operation:
1 lamp on 2L ballast
2 lamps on 3L ballast
3 lamps on 4L ballast

Note: FO40T8 0°F Starting Temp.

Key System Features

• New universal voltage (120-277)
• New small enclosure size
• 88% 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
• Virtually eliminates lamp flicker

SYLVANIA 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 provides transportation, inventory and ergonomic benefits. Also available in banded packaging which replaces shrink-wrap product for added 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 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.

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


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Application Information

SYLVANIA QUICKTRONIC 32 UNV is ideally suited for:
• Commercial
• Retail
• Hospitality
• Institutional
• New Construction
• Retrofit

Also operates:
FBO32, FBO31, F025, FBO24, F017, FBO16, F030/SS (30W), FBO30/SS (30W), FBO29/SS (29W), FO28/SS (28W) & FO25/SS (25W)

FO40T8 operation:
1 lamp on 2L ballast
2 lamps on 3L ballast
3 lamps on 4L ballast

Note: FO40T8 0°F Starting Temp.

System Information

<table>
<thead>
<tr>
<th>System Type (2-lamp)</th>
<th>Input Wattage</th>
<th>Initial Lumens</th>
<th>System LPW</th>
<th>Mean Lumens</th>
<th>Energy Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>F4OT12 - Std. Magnetic Ballast</td>
<td>96</td>
<td>5795</td>
<td>60</td>
<td>4930</td>
<td>Baseline</td>
</tr>
<tr>
<td>E.S. Magnetic Ballast</td>
<td>86</td>
<td>5795</td>
<td>67</td>
<td>4930</td>
<td>10%</td>
</tr>
<tr>
<td>F34T12 - Std. Magnetic Ballast</td>
<td>82</td>
<td>4750</td>
<td>58</td>
<td>3960</td>
<td>15%</td>
</tr>
<tr>
<td>E.S. Magnetic Ballast</td>
<td>72</td>
<td>4750</td>
<td>66</td>
<td>3960</td>
<td>25%</td>
</tr>
<tr>
<td>FO32/XP - QTP2x32T8/UNV-ISN-SC</td>
<td>59</td>
<td>5280</td>
<td>89</td>
<td>5015</td>
<td>39%</td>
</tr>
<tr>
<td>FO28/SS - QTP2x32T8/UNV-ISN-SC</td>
<td>52</td>
<td>4800</td>
<td>92</td>
<td>4560</td>
<td>46%</td>
</tr>
</tbody>
</table>

* 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

% Relative Light Output (Mean Lumens)
% System Wattage (Power)

2-F40T12
Std. Magnetic Ballast
2-F34T12
Std. Magnetic Ballast
2-FO32/XP
E.S. Magnetic Ballast
2-FO28/SS
E.S. Magnetic Ballast

30% Energy Savings
61% Energy Savings
46% Energy Savings
54% Energy Savings

SEE THE WORLD IN A NEW LIGHT SYLVANIA
<10% THD Electronic T8 Fluorescent Systems

Normal Ballast Factor

### T8 Instant Start UNV VOLTAGE

**Performance Guide**

Data shown based upon SYLVANIA OCTRON® FO32/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. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

### Specifications

**Starting Method:** Instant Start

**Ballast Factor:** 0.88

**Circuit Type:** Parallel

**Lamp Frequency:** > 40kHz

**Lamp CCF:** Less than 1.7

**Starting Temp:**

- Less than 1.7

**Lamp Frequency:**

- > 40KHz

**Parallel Circuit Type:**

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

**Starting Method:**

- Instant Start

**Remote Mounting up to 20 feet**

**UL Listed Class P, Type 1 Outdoor Voltage Range:** 108-305V

**CSA Certified (where applicable)**

- Class A Sound Rating

**FCC 47CFR Part 18 Non-Consumer Class A**

**ANSI C62.41 Cat. A Transient Protection**

**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.

**System Life / Warranty**

- Specifications subject to change without notice.

### System Life / Warranty

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### Ordering Guide

- Specifications subject to change without notice.

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**OSRAM SYLVANIA National Customer Service and Sales Center**

1-800-LIGHTBULB (1-800-544-4828)

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**QUICKTRONIC 1x32**

- Black/White
- Red
- White
- Blue

**QUICKTRONIC 2x32**

- Black/White
- Red
- White
- Blue

**QUICKTRONIC 3x32**

- Black/White
- Red
- White
- Blue
- Yellow

**QUICKTRONIC 4x32**

- Black/White
- Red
- White
- Blue
- Yellow

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**Dimensions:**

- Overall: 9.5” L x 1.68” W x 1.18” H
- Mounting: 8.90”

**Wiring:**

- Leads only (no connectors provided)

**Packaging:**

- Quantity: 10 pieces/840 pieces
- Weight: 1.6 lbs each (approx)

**Specifications:**

- Input Voltage (VAC): 120-277
- Input Current (AMPS): 0.25/0.11
- Lamp Type: F032/XP
- Rated Lumens (lm): 2850
- No. of Lamps: 1
- Ballast Factor (BF): 0.88
- System Lumens: 2510
- Input Wattage (W): 30
- System Efficacy (lm/W): 88

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**Ordering Guide**

- Quicktronics Professional Number of Lamps
- Quicktronics 3 x 32T8 / UNV ISN-SC

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**QUICKTRONIC 1x32**

- Black/White
- Red
- White
- Blue

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**QUICKTRONIC 3x32**

- Black/White
- Red
- White
- Blue
- Yellow

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**QUICKTRONIC 4x32**

- Black/White
- Red
- White
- Blue
- Yellow

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**Notes:** For one lamp application, cap any blue lead, insulate to EED volts.

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

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