**Quicktronic® T8 Instant Start Universal Voltage**

**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

**Application Information**

SYLVANIA QUICKTRONIC 32 UNV is ideally suited for:

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

**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 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.

**System Type Input Initial System Mean Energy Wattage Lumens LPW Lumens Savings (%)**

<table>
<thead>
<tr>
<th>System Type</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>F40T12 - 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>4830</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>

**Normal Ballast Factor**

**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

* * *
Normal Ballast Factor

T8 Instant Start
UNV VOLTAGE

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: 1
-20°F for OCTRON® T8 lamps;
70°C Max Case Temperature
75°C Max Case Temp. (4 lamp model)
Voltage Range: 108-305V
UL Listed Class P Type 1 Outdoor
CSA Certified (where applicable)
75°C Max Case Temp. (4 lamp model)
FCC 47CFR Part 18 Non-Consumer
70°C Max Case Temperature
75°C Max Case Temp. (4 lamp model)
FCC 47CFR Part 18 Non-Consumer
Class A Sound Rating
ANSI C62.41 Cat. A Transient Protection
Remote Mounting up to 20 feet 1
Specifications subject to change 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

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

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