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

SYLVANIA QUICKTRONIC 59ISN ballasts operate OCTRON FO96 T8 lamps with maximum efficacy and provides 30% energy savings when compared to F96T12 magnetic systems. These ballasts are also RoHS compliant and feature lead-free solder, printed circuit boards and manufacturing process.

**System Information**

New small can enclosure on select models allows for low profile fixture design and application. Small can 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.

**Relative Input Initial Mean Mean %**

<table>
<thead>
<tr>
<th>2-Lamp Systems Lamp &amp; Ballast Type (W)</th>
<th>Lumens</th>
<th>LPW</th>
<th>Lumens</th>
<th>Output Savings</th>
<th>Energy Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-F34T12CW E.S. Magnetic Ballast</td>
<td>72</td>
<td>4665</td>
<td>65</td>
<td>3965</td>
<td>100%</td>
</tr>
<tr>
<td>2-F302/800/XP QTPx23278 ISN-SC</td>
<td>59</td>
<td>5280</td>
<td>89</td>
<td>4965</td>
<td>125%</td>
</tr>
<tr>
<td>2-QTP2x32T8 ISN-SC</td>
<td>52</td>
<td>4795</td>
<td>92</td>
<td>4510</td>
<td>114%</td>
</tr>
<tr>
<td>2-QTP2x32/800/XP ISL-SC</td>
<td>51</td>
<td>4620</td>
<td>91</td>
<td>4345</td>
<td>110%</td>
</tr>
<tr>
<td>2-QTP2x32/800/XP ISL-SC</td>
<td>45</td>
<td>4195</td>
<td>93</td>
<td>3945</td>
<td>99%</td>
</tr>
</tbody>
</table>

**4-Lamp Systems Lamp & Ballast Type (W)**

<table>
<thead>
<tr>
<th>Lumens</th>
<th>LPW</th>
<th>Lumens</th>
<th>Output Savings</th>
<th>Energy Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-F34T12CW 2-E.S. Mag Ballasts</td>
<td>144</td>
<td>9330</td>
<td>65</td>
<td>7390</td>
</tr>
<tr>
<td>4-F302/800/XP QTPx42378 ISN-SC</td>
<td>112</td>
<td>10,560</td>
<td>94</td>
<td>9925</td>
</tr>
<tr>
<td>4-F28/SS QTPx32 ISN-SC</td>
<td>99</td>
<td>9590</td>
<td>97</td>
<td>9015</td>
</tr>
<tr>
<td>4-F302/800/XP QTPx32 ISL-SC</td>
<td>98</td>
<td>9240</td>
<td>94</td>
<td>8685</td>
</tr>
<tr>
<td>4-F203/SS QTPx32 ISL-SC</td>
<td>86</td>
<td>8395</td>
<td>98</td>
<td>7890</td>
</tr>
</tbody>
</table>

**Normal, Low & High Ballast Factor**

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

SYLVANIA QUICKTRONIC 59ISN ballasts operate OCTRON FO96 T8 lamps with maximum efficacy and provides 30% energy savings when compared to F96T12 magnetic systems. These ballasts are also RoHS compliant and feature lead-free solder, printed circuit boards and manufacturing process.
Electronic T8 Fluorescent Systems 347V

<table>
<thead>
<tr>
<th>Item Number</th>
<th>OSRAM SYLVANIA Description</th>
<th>Input Current (AMPS)</th>
<th>Lamp Type</th>
<th>Rated Lumens (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Type</th>
<th>Mean Lumens</th>
<th>Input Power (W)</th>
<th>System Efficacy (lm/W)</th>
<th>BEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>49711</td>
<td>QTPx32T8/347 ISN-SC</td>
<td>0.089</td>
<td>F032/XP</td>
<td>3000</td>
<td>1</td>
<td>0.88</td>
<td>2640</td>
<td>31</td>
<td>90</td>
<td>2.84</td>
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<tr>
<td>49713</td>
<td>QTPx2T8/347 ISN-SC</td>
<td>0.165</td>
<td>F032/XP</td>
<td>3000</td>
<td>2</td>
<td>0.88</td>
<td>5280</td>
<td>59</td>
<td>89</td>
<td>1.49</td>
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<tr>
<td>49715</td>
<td>QTPx32T8/347 ISN-SC</td>
<td>0.25</td>
<td>F032/XP</td>
<td>3000</td>
<td>3</td>
<td>0.88</td>
<td>7920</td>
<td>86</td>
<td>92</td>
<td>1.02</td>
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<tr>
<td>49717</td>
<td>QTPx432T8/347 ISN-SC</td>
<td>0.33</td>
<td>F032/XP</td>
<td>3000</td>
<td>4</td>
<td>0.88</td>
<td>10,560</td>
<td>112</td>
<td>94</td>
<td>0.78</td>
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</tr>
</tbody>
</table>

**QUICKTRONIC High Ballast Factor (1.20) <20% THD**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>OSRAM SYLVANIA Description</th>
<th>Input Current (AMPS)</th>
<th>Lamp Type</th>
<th>Rated Lumens (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Type</th>
<th>Mean Lumens</th>
<th>Input Power (W)</th>
<th>System Efficacy (lm/W)</th>
<th>BEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>4927</td>
<td>QTP2x32T8/347 IS</td>
<td>0.23</td>
<td>F032/XP</td>
<td>3000</td>
<td>2</td>
<td>1.2</td>
<td>7200</td>
<td>78</td>
<td>92</td>
<td>1.54</td>
<td></td>
</tr>
</tbody>
</table>

**QUICKTRONIC 59TB (8 Foot) Normal Ballast Factor (0.88) <10% THD**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>OSRAM SYLVANIA Description</th>
<th>Input Current (AMPS)</th>
<th>Lamp Type</th>
<th>Rated Lumens (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Type</th>
<th>Mean Lumens</th>
<th>Input Power (W)</th>
<th>System Efficacy (lm/W)</th>
<th>BEF</th>
</tr>
</thead>
<tbody>
<tr>
<td>49217</td>
<td>QTPx59/347 IS</td>
<td>0.33</td>
<td>F0868 T8(XP59W)</td>
<td>6100</td>
<td>2</td>
<td>0.88</td>
<td>10,735</td>
<td>110</td>
<td>98</td>
<td>0.80</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** For two lamp application, use only two lamps. Tabulate in 200 cell.

**Dimensions Standard Enclosure:**
Overall: 9.5” L x 2.38” W x 1.8” H
Mounting: 8.90”
Product 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”
Product Weight: 1.6 lbs ea. (approx.)

**Specifications:**
- Starting Method: Instant Start
- Ballast Factor: 0.77, 0.88 & 1.20
- Circuit Type: Parallel
- Lamp Frequency: All SC models >40kHz
- Standard enclosure >29kHz
- Lamp CDF: Less than 1.7
- Starting Temp: OQP models: -20°F (-29°C) for T8 lamps
- QTP models: 0°F (-18°C) for T8 lamps
- 60°F (18°C) for SUPERSAVER® T8 lamps
- 0°F (-18°C) for FO40T8
- Input Frequency: 60 Hz
- THD: OQP <10%, QTP <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
- RoHS Compliant®
- ANSI 62.41 Cat. A Transient Protection
- GFI compatible
- Emergency ballast compatible
- Remote Mounting (Max. wire length from ballast case to lampholder): 20 ft: full wattage T8s
  - 10 ft: energy saving T8s
  - 4 ft: 25W energy saving T8s
- 3 operation below 50°F (10°C) may affect light output or lamp operation – see “Low Temp. Starting” definition.
- 4 Complies with European Union Restriction of Hazardous Substances Directive (Directive EC 2002/95)
- New Product.
- The data shown is for SYLVANIA OCTRON® lamps.
- 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.

**OSRAM SYLVANIA National Customer Service and Sales Center:**
1-800-LIGHTBULB (1-800-544-4828)
www.sylvania.com

Specifications subject to change without notice.