QUICKTRONIC® T12HO Rapid Start Electronic Fluorescent Ballasts Universal Voltage (120-277V)

<table>
<thead>
<tr>
<th>Item Number</th>
<th>OSRAM SYLVANIA Description</th>
<th>Input Current (AMPS) @120/277V</th>
<th>Lamp Type</th>
<th>Rated Lumens (lm)</th>
<th>No. of Lamps</th>
<th>Ballast Factor (BF)</th>
<th>System Power (W) @120/277V</th>
<th>System Efficacy (lm/W)</th>
<th>BF x 100</th>
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</thead>
<tbody>
<tr>
<td>50319</td>
<td>QTP2x96T12H0/UNV</td>
<td>1.65/0.71</td>
<td>F96T12HO</td>
<td>9050</td>
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<td>0.85</td>
<td>15,385</td>
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<td>1.38/0.60</td>
<td>F96T12HO/SS</td>
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<td>14,400</td>
<td>164</td>
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<td>1.30/0.56</td>
<td>F72T12HO</td>
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<td>0.90</td>
<td>11,250</td>
<td>154</td>
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<td>1.10/0.47</td>
<td>F60T12HO</td>
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<td>9360</td>
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<td>0.88/0.38</td>
<td>F48T12HO</td>
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<td>0.90</td>
<td>7290</td>
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<td>70</td>
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<td>0.88/0.38</td>
<td>F96T12HO</td>
<td>9050</td>
<td>1</td>
<td>0.92</td>
<td>8325</td>
<td>104</td>
<td>80</td>
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</tbody>
</table>

1. Also compatible with other manufacturer's equivalent lamp types that meet ANSI standards.
2. 96T12HO rated lamp lumens and performance data based on F96T12CW/HO/SS and F96T12/D41/HO series lamps.
3. Ballast Efficiency Factor (BF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).
50319 replaces discontinued item numbers 49883 QT2x96/120 HO and 49884 QT 2x96/277 HO.

Dimensions:
Overall: 11.8” L x 2.15” W x 1.61” H
Mounting: 11.0”

Packaging:
Quantity: 6 pieces
Weight: 2.77 lbs ea. (1260 grams)

Wiring:
Leads

Note: For one lamp application, individually cap each yellow lead. Insulate to 600 volts.

QUICKTRONIC 2x96T12HO

Specifications

Starting Method: Rapid Start
Circuit Type: Series
Starting Temp: -20°F (-29°C) for F96T12H0; 60°F (16°C) for SUPERSAVER F96T12H0/SS
Lamp CCF: Less than 1.7
Lamp Frequency: >20 kHz
Low THD: <10%
Voltage Range: ±10% of Rated Input
Input Frequency: 50/60 Hz
Power Factor: >98%
cUL Listed Class P, Type 1 Outdoor
75°C Max Case Temperature
FCC 47 CFR Part 18 Non-Consumer
ANSI C62.41 Cat A. Transient Protection
Remote Mounting: Contact OSI for remote mounting options.
Class A Sound Rating

Operation below 50°F (10°C) may affect light output or lamp operation – see “Low Temp. Starting” definition.

QUICKTRONIC products are covered by the QUICK 60+ warranty, a comprehensive 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

SEE THE WORLD IN A NEW LIGHT
### SPECIFICATION DATA

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<th>System Lumens</th>
<th>Input Power (W) @120/277V</th>
<th>System Efficacy (lm/W) @120/277V</th>
<th>BEF²</th>
</tr>
</thead>
<tbody>
<tr>
<td>50314</td>
<td>QTP2x40T12/UNV/RS/SC</td>
<td>0.62/0.27</td>
<td>F40T12/D30/ECO</td>
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<td>0.53/0.23</td>
<td>F34/080/SS</td>
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<td>F72T12/CW</td>
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<td>1.07</td>
<td>4815</td>
<td>65/64</td>
<td>74/75</td>
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</table>

New 50308 QTP2x96T12/UNV/IS model replaces 50318 that is discontinued. Also compatible with other manufacturer’s equivalent lamp types that meet ANSI standards.

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

2 System Efficacy calculation based on lowest input power value unless otherwise noted.

### Performance Guide

**QTP2x96T12 IS**

- **Starting Method:** RS - Rapid Start, IS - Instant Start
- **Circuit Type:** RS - Parallel, IS - Parallel
- **Starting Temp:** 0°F (-18°C)
- **SUPERSAVER® Lamps:** 60°F (16°C)
- **Input Frequency:** 60 Hz
- **THD:** QTP40T12/UNV RS: <10%; QTP2x96T12 IS: <15%
- **Power Factor:** QTP40T12/UNV RS >97%; QTP2x96T12 IS >0.96 (for F96T12); >0.91 (for other lamps)
- **Input Voltage:** ±10% of Rated Input
- **Lamp Crest Factor:** <1.8
- **Lamp Frequency:** >20 kHz
- **UL Listed Class P, Type 1 Outdoor CSA or CUL Certified**
- **70°C Max. Case Temp.**
- **FCC 47CFR Part 18 Non-Consumer Class A Sound Rating**
- **ANSI C62.41 Cat A. Transient Protection**

### System Life / Warranty

QUICKTRONIC® products are covered by the QUICK 60+® warranty. For additional details, refer to the QUICK 60+ warranty bulletin.

### Dimensions:

**Model QTP2x40T12/UNV/RS/SC enclosure size**
- Overall: 9.5” L x 1.38” W x 1.18” H
- Mounting: 8.9”
- Weight: 1.25 lbs ea. (approx.)

**Model QTP2x96T12/UNV/IS enclosure size**
- Overall: 11.75” L x 2.15” W x 1.61” H
- Mounting: 11”
- Weight: 4.67 lbs ea. (approx.)

### Normal Ballast Factor

**T12**

**Professional Series**

**Data based on F40T12 for RS, F96T12 for IS**