

SYLVANIA S5208

Sylvania Satco S5208 Fluorescent Lamp Ballast Instruction Manual

Model: S5208 | Brand: SYLVANIA

PRODUCT OVERVIEW

This manual provides instructions for the Sylvania Satco S5208 Fluorescent Lamp Ballast. This is a QTP2X32T8/UNIV/ISN/SC model, designed for 2 lamps, F32T8, T8 Instant Start applications. It features professional performance with less than 10% Total Harmonic Distortion (THD) and operates on universal voltage.



Image 1: Sylvania Satco S5208 Fluorescent Lamp Ballast. This image displays the ballast unit, highlighting its model number (QTP 2x32T8/UNV ISN-SC), voltage range (120-277V), and a detailed wiring diagram for installation. Key specifications such as lamp types, line current, and minimum start temperatures are also visible on the label.

SAFETY INFORMATION

- Always disconnect power before installation or servicing.
- Installation should be performed by a qualified electrician in accordance with the National Electrical Code and local regulations.

- Ensure proper grounding of the ballast case.
- Insulate unused leads as per the wiring diagram.
- This ballast complies with FCC 47 CFR Part 18, Non-Consumer, and Canadian ICES-005.

SETUP AND INSTALLATION

The Sylvania Satco S5208 ballast is designed for 2-lamp instant start T8 fluorescent applications. Refer to the wiring diagram on the ballast label for correct connections.

Wiring Instructions:

1. **Power Input:** Connect the black wire from the power circuit to the black wire of the ballast. Connect the white wire from the power circuit to the white wire of the ballast.
2. **Lamp Connections:**
 - Connect the blue wires from the ballast to one end of each lamp.
 - Connect the red wire from the ballast to the other end of both lamps (common connection).
3. **Grounding:** Connect the bare copper wire from the power circuit to the grounding screw of the fixture.
4. **Unused Leads:** Insulate any unused leads according to the diagram.
5. **Lampholders:** Lampholders must be shorted as per the diagram.

Note: The wiring diagram is crucial for proper installation. Ensure all connections are secure and insulated.

OPERATING INSTRUCTIONS

Once properly installed and wired, the Sylvania Satco S5208 ballast will provide instant start operation for compatible T8 fluorescent lamps. The ballast is designed for universal voltage operation (120-277V) at 50/60Hz.

- Ensure the correct lamp types (e.g., FO32T8, FO25T8, FO17T8, FO40T8) are used as specified on the ballast label.
- The ballast is suitable for "U" bend and SS equivalent lamps.
- Minimum start temperature varies by lamp type; refer to the chart on the ballast label for specific requirements.

MAINTENANCE

The Sylvania Satco S5208 ballast is designed for long-term, maintenance-free operation. No user-serviceable parts are inside. If the ballast malfunctions, it should be replaced by a qualified professional.

- Periodically inspect the fixture and wiring for any signs of damage or wear.
- Ensure proper ventilation around the ballast to prevent overheating.
- Clean the exterior of the ballast and fixture with a dry cloth if necessary. Do not use liquid cleaners.

TROUBLESHOOTING

- **Lamps not lighting:**

- Check power supply to the fixture.
 - Verify all wiring connections are secure and correct according to the diagram.
 - Ensure lamps are properly seated in the lampholders.
 - Test with known good lamps.
 - Confirm the ambient temperature is within the minimum start temperature range for the installed lamps.
- **Flickering lamps:**
 - Check for loose wiring connections.
 - Ensure lamps are compatible with the ballast.
 - If flickering persists, the ballast may be faulty and require replacement.
 - **Humming noise:**
 - A slight hum is normal for some ballasts. Excessive or loud humming may indicate a problem.
 - Ensure the ballast is securely mounted to prevent vibration.
 - If the hum is unusually loud, the ballast may be faulty.

If troubleshooting steps do not resolve the issue, contact technical assistance.

SPECIFICATIONS

Feature	Specification
Model Number	S5208 (QTP 2x32T8/UNV ISN-SC)
Brand	SYLVANIA (OSRAM Quicktronic Professional Series)
Light Type	Fluorescent
Lamp Compatibility	2 x F32T8, F25T8, F17T8, F40T8 (Instant Start)
Voltage	120-277V (Universal Voltage)
Frequency	50/60Hz
Ballast Factor	0.88
Total Harmonic Distortion (THD)	<10%
Sound Rating	A
Min. Start Temp.	-20°F/-29°C (for most T8 lamps, see chart)
Compliance	UL Listed Class P, Type 1 Outdoor, FCC 47 CFR Part 18, Non-Consumer, Canadian ICES-005, RoHS Compliant
Dimensions	Approximately 10 x 10 x 10 inches (Product dimensions from input, actual ballast size may vary)
Item Weight	0.6 Pounds / 9.6 ounces
UPC	046135499432

WARRANTY INFORMATION

The Sylvania Satco S5208 ballast comes with a QUICK60+ System Warranty. For specific details regarding the warranty period and coverage, please contact the manufacturer directly.

Manufacturer Warranty Contact: Refer to the product packaging or the official SYLVANIA website for the most current warranty information and contact details.

Note: Warranty terms may vary and are subject to the manufacturer's policies.

SUPPORT AND CONTACT

For technical assistance, product inquiries, or support, please use the following contact information:

- **Technical Assistance Hotline:** 1-800-LIGHTBULB
- **Manufacturer:** SYLVANIA (OSRAM)
- **Manufacturer Address:** Danvers, MA, USA

Please have your product model number (S5208) and any relevant purchase information ready when contacting support.