

**SPECIFICATION DATA**

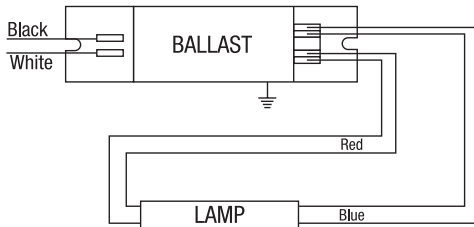
Catalog #	Date	Type
Project	Prepared by	
Comments		

**Universal Voltage (120-277V)**

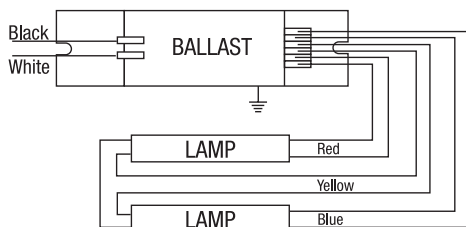


Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp <sup>1</sup> Type	Rated <sup>1</sup> Lumens (lm)	No. of Lamps	Ballast <sup>1</sup> Factor (BF)	System <sup>1</sup> Lumens	Mean <sup>1</sup> Lumens	Input <sup>1</sup> Power (W)	System Efficacy (lm/W)	BEF <sup>2</sup>
49121 (49120)*	QTP1x54T5HO/UNV PSN	0.51/0.21	FP54T5HO	5000	1	1.00	5000	4650	62/60	81/83	1.67
49131 (49130)*	QTP2x54T5HO/UNV PSN	1.00/0.43	FP54T5HO FP54T5HO	5000 5000	2 1	1.00 1.00	10,000 5000	9300 4650	121/118 61	83/85 82	0.85 1.64
49142 (49150)*	QTP2x54T5HO/UNV PSN (NL) .87"	1.00/0.43	FP54T5HO	5000	2	1.00	10,000	9300	121/118	83/85	0.85
	QTP1x80T5HO/UNV PSN	0.74/0.32	FP80T5HO FT80T5DL	7000 6000	1 1	1.00 1.00	7000 6000	6510 5580	90 90	78 67	1.11 1.11

<sup>1</sup> T5/T5HO at 35°C lamp ambient temperature.  
<sup>2</sup> Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).  
 (Item Number)\* = Item Number/NAED in parentheses are models with leads/wires. No parenthesis = Ballasts with connectors only/no leads.



**1 LAMP**



**2 LAMP**

**Dimensions:**

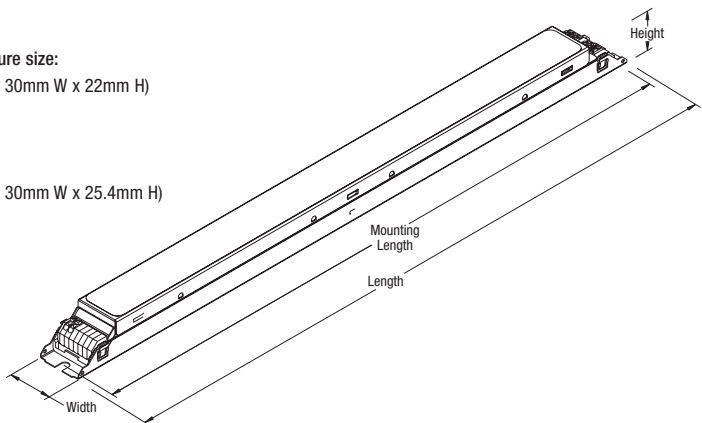
Model QTP1x54T5HO/UNV PSN and QTP1x80T5HO/UNV PSN enclosure size:  
 Overall: 14.17"L x 1.18"W x 0.87"H (360mm L x 30mm W x 22mm H)  
 Mounting: 13.74" (349mm)

Model QTP2x54 T5HO/UNV PSN (49142) enclosure size:  
 Overall: 16.73"L x 1.18"W x 0.87"H (425mm L x 30mm W x 22mm H)  
 Mounting: 16.34" (415mm)

Model QTP2x54 T5HO/UNV PSN enclosure size:  
 Overall: 16.73"L x 1.18"W x 1.00"H (425mm L x 30mm W x 25.4mm H)  
 Mounting: 16.34" (415mm)

**Wiring:**  
 Push-in connectors  
 Use 18AWG solid copper wire only

**Product Weight:**  
 1L: 0.68 lb each (approx.)  
 2L: 0.88 lb each (approx.)



**Normal Ballast Factor**

**T5 PROStart®**

**Professional Series**

**Performance Guide**

Data based upon SYLVANIA PENTRON® lamps shown. QUICKTRONIC® PROStart T5HO Systems are compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

**Specifications<sup>4</sup>**

- Starting Method:** Programmed Rapid Start
- Ballast Factor:** 1.00
- Circuit Type:** Series
- Lamp Frequency:** >42 kHz
- Lamp CCF:** Less than 1.6
- Starting Temp:** 0°F (-18°C) minimum<sup>5</sup>  
 -20°F (-29°C) Starting for QTP2x54T5HO Models
- Input Frequency:** 50/60 Hz
- Low THD:** <10%
- Power Factor:** >98%
- Voltage Range:** ±10% of 120-277V rated line (108-305V)

- UL Listed Class P, Type 1, Outdoor, Type CC<sup>3</sup>
- CSA Certified
- 70°C Max Case Temperature
- FCC 47CFR Part 18 Non-Consumer Class A Sound Rating
- RoHS Compliant<sup>6</sup>
- ANSI C62.41 Cat. A Transient Protection
- Dynamic End-of-Lamp-Life Sensing
- Remote Mounting (Max. wire length from ballast case to lampholder): up to 18 feet

- UL Type CC compliant ballasts utilize a micro-controller based circuit to reduce arcing caused by loose connections or improper lamp pin to socket connections.
- Data based on PENTRON HO lamp types for primary ballast application. See QUICKSYSTEMS in the SYLVANIA Ballast Technology & Specification Guide for Pentron Circline, DULUX® L/F and other combinations.
- Operation below 50°F (10°C) may affect light output or lamp operation – see "Low Temp. Starting" definition. Remote red leads up to 18 feet. Keep blue leads <10 feet.
- Complies with European Union Restriction of Hazardous Substances Directive (Directive EC 2002/95)

**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.

QTP T5HO PSN

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Item Number **49131 QTP 2 x 54 T5HO/UNV PSN** Starting/Ballast Factor  
 QUICKTRONIC PROFESSIONAL Line Voltage (120-277V)  
 Number of Lamps (1, 2) Primary Lamp Wattage