

**SPECIFICATION DATA**

Catalog #	Date	Type
Project	Prepared by	
Comments		

**High Efficiency Universal Voltage (120-277V), Lamp Striation Control**

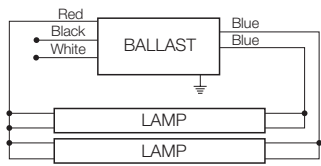


Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	Initial System Lumens	Mean Lumens	Input Power (W)		Initial System Efficacy (lm/W) <sup>1</sup>	BEF <sup>2</sup>
									120V	277V		
49248	QHE 2x32T8/UNV ISM-SC <i>Banded Pack</i>	0.54/0.23	F032/700	2600	2	1.00	5200	4780	63	62	84	1.61
		0.54/0.23	F032/XPS®	3100	2	1.00	6200	5830	63	62	100	1.61
		0.49/0.21	F030/SS	2850	2	1.00	5700	5360	58	58	98	1.72
		<b>0.44/0.19</b>	<b>F028/SS</b>	<b>2725</b>	<b>2</b>	<b>1.00</b>	<b>5450</b>	<b>5125</b>	<b>53</b>	<b>53</b>	<b>103</b>	<b>1.89</b>
		0.41/0.18	F025/SS	2475	2	1.00	4950	4655	50	49	101	2.04
		0.41/0.18	F025/XPS	2200	2	1.01	4445	4175	49	49	91	2.06
49249	QHE 3x32T8/UNV ISM-SC <i>Banded Pack</i>	0.76/0.40	F032/700	2600	3	0.98	7645	7025	90	89	86	1.10
		0.76/0.40	F032/XPS	3100	3	0.98	9115	8565	90	89	102	1.10
		0.67/0.30	F030/SS	2850	3	0.98	8380	7875	83	83	101	1.18
		<b>0.64/0.28</b>	<b>F028/SS</b>	<b>2725</b>	<b>3</b>	<b>0.98</b>	<b>8010</b>	<b>7530</b>	<b>76</b>	<b>76</b>	<b>105</b>	<b>1.29</b>
		0.59/0.26	F025/SS	2475	3	0.98	7275	6840	70	70	104	1.40
		0.59/0.26	F025/XPS	2200	3	0.99	6535	6140	69	69	95	1.43
49491	QHE 4x32T8/UNV ISM-SC <i>Banded Pack</i>	1.02/0.44	F032/700	2600	4	0.98	10,190	9370	122	120	85	0.82
		1.02/0.44	F032/XPS	3100	4	0.98	12,150	11,425	122	120	101	0.82
		0.95/0.41	F030/SS	2850	4	0.98	11,170	10,500	114	112	100	0.88
		<b>0.89/0.38</b>	<b>F028/SS</b>	<b>2725</b>	<b>4</b>	<b>0.98</b>	<b>10,680</b>	<b>10,040</b>	<b>107</b>	<b>105</b>	<b>102</b>	<b>0.93</b>
		0.83/0.36	F025/SS	2475	4	0.98	9700	9120	99	98	99	1.00
		0.77/0.34	F025/XPS	2200	4	0.99	8710	8190	92	91	96	1.09
		0.53/0.24	F017/XPS	1400	4	1.00	5600	5265	64	64	88	1.56

Banded Pack, (add "-B" to Description). Banded Pack contains 10 pieces each.

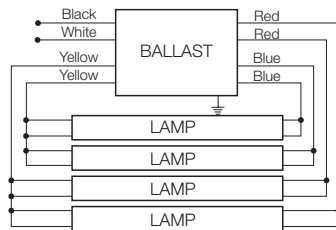
1 System Efficiency is calculated on the lowest Input Power

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



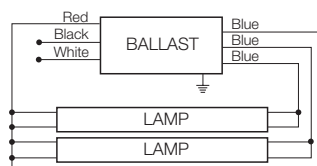
Note: For one lamp application, cap any blue lead. Insulate to 600 volts.

**QUICKTRONIC 2x32**



Note: For three lamp application, cap any unused blue lead. For two lamp application, cap two blue leads individually. Insulate to 600 volts.

**QUICKTRONIC 4x32**



Note: For two lamp application, cap any blue lead. For one lamp application, cap any two blue leads. Insulate to 600 volts.

**QUICKTRONIC 3x32**

**Dimensions:**

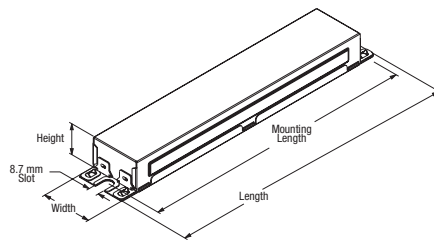
Overall: 9.5" L x 1.68" W x 1.18" H  
Mounting: 8.90"

**Product Weight:**

1.6 lbs each (approx)

**Wiring:**

Leads only (no connectors provided)



Item Number	49248	QHE 2 x 32T8 / UNV ISM - SC	Case Size
QUICKTRONIC PROFESSIONAL			Starting/Ballast Factor
Number of Lamps			Line Voltage (120-277V)
			Primary Lamp Wattage

**Medium Ballast Factor**

**T8 Instant Start**

**High Efficiency**

**Performance Guide**

Data based upon SYLVANIA OCTRON® lamps shown. QUICKTRONIC® QHE Instant Start ballasts are also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

QHE Instant Start ballasts will operate F17, F25 and F32 (and the SUPERSAVER® & U-Bend equivalent) T8 lamps.

Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Ballast Technology & Specification Guide.

**Specifications**

Data based on F32T8

- Starting Method: Instant Start
- Ballast Factor: 0.98 - 1.03
- Circuit Type: Parallel
- Lamp Frequency: >42 kHz
- Lamp CCF: Less than 1.7
- Starting Temp:<sup>3</sup>
  - 20°F (-29°C) for OCTRON T8 lamps;
  - 60°F (16°C) for SUPERSAVER® T8 lamps
  - 0°F (-18°C) for F040T8
- 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 CSA Certified
- 70°C Max Case Temperature
- FCC 47CFR Part 18 Non-Consumer Class A Sound Rating
- RoHS Compliant<sup>4</sup>
- NEMA Premium Electronic Ballast Program compliant
- ANSI C62.41 Cat. A Transient Protection
- GFCI 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.

**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.*