

SPECIFICATION DATA

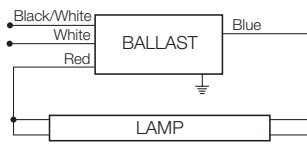
Catalog #	Date	Type
Project	Prepared by	
Comments		

High Efficiency, Lamp Striation Control, High Ambient (120-277V)

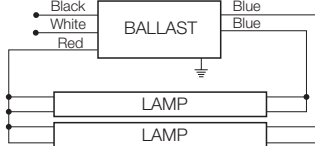


Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens	Input Power (W)	System Efficacy (lm/W)	BEF ¹
49496 ☼ 49495 ☼	QHE 1X32T8/UNV ISH-HT-SC Banded Pack 10-Pack	0.32/0.14	F032/700	2800	1	1.20	3360	3025	38	88	3.16
		0.32/0.14	F032/XP	3000	1	1.20	3600	3385	38	95	3.16
		0.30/0.13	F030SS	2850	1	1.20	3420	3215	36	95	3.33
		0.27/0.12	F028SS	2725	1	1.20	3270	3075	33	99	3.64
		0.26/0.12	F025/SS	2475	1	1.20	2970	2790	30	99	4.00
49498 ☼ 49497 ☼	QHE 2X32T8/UNV ISH-HT-SC Banded Pack 10-Pack	0.65/0.28	F032/700	2800	2	1.20	6720	6050	74/73	91/92	1.64
		0.65/0.28	F032/XP	3000	2	1.20	7200	6770	74/73	97/99	1.64
		0.59/0.25	F030SS	2850	2	1.20	6840	6430	70/69	98/99	1.74
		0.55/0.23	F028SS	2725	2	1.20	6540	6150	65/64	101/102	1.88
		0.50/0.22	F025/SS	2475	2	1.20	5940	5585	58/57	102/104	2.11
49500 ☼ 49499 ☼	QHE 3X32T8/UNV ISH-HT-SC Banded Pack 10-Pack	0.93/0.40	F032/700	2800	3	1.18	9910	8920	111/109	89/90	1.08
		0.93/0.40	F032/XP	3000	3	1.18	10,620	9985	111/109	96/97	1.08
		0.87/0.38	F030SS	2850	3	1.18	10,090	9485	104/103	97/98	1.15
		0.82/0.35	F028SS	2725	3	1.18	9650	9070	98/96	98/101	1.23
		0.72/0.31	F025/SS	2475	3	1.18	8760	8235	87/86	101/102	1.37

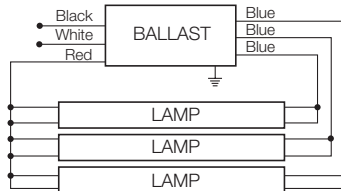
Banded Pack Item Numbers, (add "-B" to Description). Banded Pack and 10-Pack contain 10 pieces each.
 1: Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).
 ☼ Preliminary data. Check with OSRAM SYLVANIA for detailed specifications.



QUICKTRONIC 1x32



QUICKTRONIC 2x32

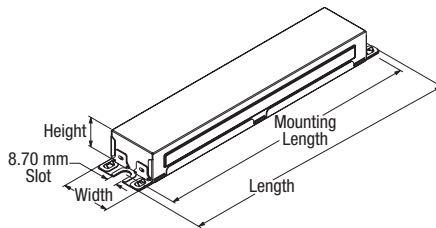


QUICKTRONIC 3x32

Dimensions "-SC" Small Enclosure:
 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



High 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 F32 (and the SUPERSAVER® & U-Bend equivalent) T8 lamps. Complete performance data is available in the QUICKSYSTEMS section of the SYLVANIA Electronic Ballast Catalog.

Specifications
Data based on F32T8

- Starting Method: Instant Start
- Ballast Factor: 1.18-1.20
- Circuit Type: Parallel
- Lamp Frequency: >40kHz
- Lamp CCF: Less than 1.7
- Starting Temp:²
 -20°F (-29°C) for OCTRON T8 lamps;
 60°F (16°C) for SUPERSAVER® T8 lamps
- 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
- High Ambient Applications:
 90°C Max. Case Temp. (3 yr. warranty)
- Standard Ambient Applications:
 70°C Max. Case Temp. (5 yr. warranty)
- FCC 47CFR Part 18 Non-Consumer
- Class A Sound Rating
- RoHS Compliant³
- 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

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

3 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.

QHE T8 ISH HT

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