

QUICKTRONIC® BALLASTS

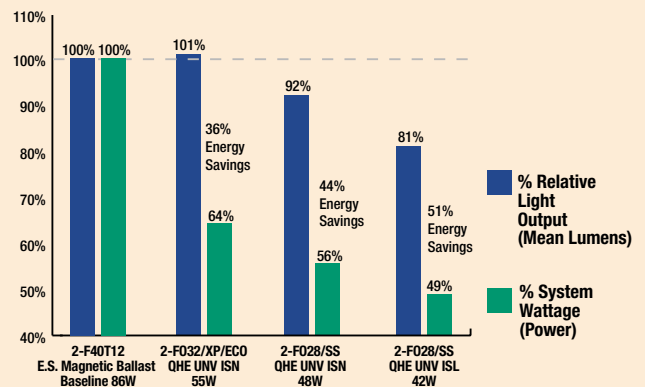
High Efficiency Series

Today's advanced, energy saving replacement for standard electronic ballasts. SYLVANIA QUICKTRONIC® High Efficiency Series products are energy-saving electronic T8 ballasts that save an additional 6% (2 to 7 watts) over standard electronic ballasts—without compromising light output or lamp life. They also feature <10%THD and Universal Voltage. SYLVANIA QUICKTRONIC® High Efficiency (QHE) ballasts operate OCTRON® T8 lamps with maximum efficacy and high lumen output, and provide 30-50% energy savings when compared to F40T12 standard magnetic systems. Whether for retrofits or new construction, QUICKTRONIC® High Efficiency ballasts are the energy saving choice for business.

SYLVANIA QUICKTRONIC® High Efficiency Ballasts are good for business.

- High Efficiency Systems over 90% efficient
- Over 100 LPW (lumens/watt) with OCTRON® SUPERSAVER® lamps
- Lowest power T8 Instant Start Systems
- Universal voltage (120-277)
- Small can enclosure size
- Virtually eliminates lamp flicker
- 88% and 78% ballast factor models
- 30-50% Energy savings compared to F40T12 standard magnetic
- QUICK 60+® system warranty

Standard 2-Lamp F40T12 Magnetic Ballasts Vs High-Efficiency 2-Lamp Universal Voltage Ballasts



Applications

- Direct and indirect lighting
- Surface mount
- Cove



F032



QHE2X32T8



QHE SYSTEM



SPECIFICATION AND ORDERING INFORMATION

QUICKTRONIC® High-Efficiency T8 INSTANT START UNIVERSAL VOLTAGE SYSTEMS

Item Number	Osram Sylvania Description	Input Voltage (VAC)	Input Current (AMPS)		Lamp Type	Rated Lumens (lm)	No. Of Lamps	Ballast Factor (BF)	System Lumens	Input Power (Watts)	System Efficacy (lm/W)
			120	277							
T8 Instant Start - Low Ballast Factor - Small Can - <10% THD											
49861	QHE 1X32T8/UNV ISL-SC	120-277	0.21	0.09	F032/XP	3000	1	0.78	2340	25	94
49863	QHE 2X32T8/UNV ISL-SC	120-277	0.41	0.18	F032/XP	3000	2	0.78	4680	48	98
49865	QHE 3X32T8/UNV ISL-SC	120-277	0.61	0.27	F032/XP	3000	3	0.78	7020	73	96
49867	QHE 4X32T8/UNV ISL-SC	120-277	0.80	0.35	F032/XP	3000	4	0.78	9360	95	99
T8 Instant Start - Normal Ballast Factor - Small Can - < 10% THD											
49851	QHE 1X32T8/UNV ISN-SC	120-277	0.25	0.11	F032/XP	3000	1	0.88	2640	28	94
49853	QHE 2X32T8/UNV ISN-SC	120-277	0.47	0.20	F032/XP	3000	2	0.88	5280	55	96
49855	QHE 3X32T8/UNV ISN-SC	120-277	0.69	0.30	F032/XP	3000	3	0.88	7920	83/82	95/97
49857	QHE 4X32T8/UNV ISN-SC	120-277	0.91	0.39	F032/XP	3000	4	0.88	10560	108/107	98/99

Data shown for OCTRON® 32W XP™ Lamps rated at 3000 lumens, note: Starting Temperature 0°F min.

T8 Instant Start - Low Ballast Factor - Small Can - <10% THD

49861	QHE 1X32T8/UNV ISL-SC	120-277	0.20	0.09	F030/SS	2850	1	0.78	2220	24	93
49863	QHE 2X32T8/UNV ISL-SC	120-277	0.38	0.16	F030/SS	2850	2	0.78	4445	45	99
49865	QHE 3X32T8/UNV ISL-SC	120-277	0.58	0.25	F030/SS	2850	3	0.78	6670	69	97
49867	QHE 4X32T8/UNV ISL-SC	120-277	0.75	0.32	F030/SS	2850	4	0.78	8890	89	100

T8 Instant Start - Normal Ballast Factor - Small Can - < 10% THD

49851	QHE 1X32T8/UNV ISN-SC	120-277	0.22	0.09	F030/SS	2850	1	0.88	2510	26	97
49853	QHE 2X32T8/UNV ISN-SC	120-277	0.44	0.19	F030/SS	2850	2	0.88	5015	52	96
49855	QHE 3X32T8/UNV ISN-SC	120-277	0.66	0.28	F030/SS	2850	3	0.88	7525	78/77	96/98
49857	QHE 4X32T8/UNV ISN-SC	120-277	0.86	0.37	F030/SS	2850	4	0.88	10030	102/101	98/99

Data shown for OCTRON® SUPERSAVER® 30W Lamps rated at 2850 lumens, note: Starting Temperature 60°F min.

T8 Instant Start - Low Ballast Factor - Small Can - <10% THD

49861	QHE 1X32T8/UNV ISL-SC	120-277	0.19	0.08	F028/SS	2725	1	0.78	2125	22	97
49863	QHE 2X32T8/UNV ISL-SC	120-277	0.35	0.15	F028/SS	2725	2	0.78	4250	42	101
49865	QHE 3X32T8/UNV ISL-SC	120-277	0.53	0.23	F028/SS	2725	3	0.78	6380	63	101
49867	QHE 4X32T8/UNV ISL-SC	120-277	0.71	0.31	F028/SS	2725	4	0.78	8500	84	101

T8 Instant Start - Normal Ballast Factor - Small Can - < 10% THD

49851	QHE 1X32T8/UNV ISN-SC	120-277	0.21	0.09	F028/SS	2725	1	0.88	2400	25	96
49853	QHE 2X32T8/UNV ISN-SC	120-277	0.40	0.18	F028/SS	2725	2	0.88	4800	48	100
49855	QHE 3X32T8/UNV ISN-SC	120-277	0.61	0.26	F028/SS	2725	3	0.88	7195	72	100
49857	QHE 4X32T8/UNV ISN-SC	120-277	0.80	0.35	F028/SS	2725	4	0.88	9590	95	101

Data shown for OCTRON® SUPERSAVER® 28W Lamps rated at 2725 lumens, note: Starting Temperature 60°F min.

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