

# QUICKTRONIC® High Efficiency T8 PROStart® Systems



## 32 T8 Program Rapid Start Universal Voltage (120-277V)

Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	Initial System Lumens	Mean System Lumens	Input Power (W)	System Efficacy <sup>2</sup> (lm/W)	BEF <sup>1</sup>
<b>LOW BALLAST FACTOR</b>											
51423	QHE 1x32T8/UNV PSX-MC Banded Pack 10-Pack	0.21/0.09	F032/700	2600	1	0.72	1870	1720	25/24	78	2.94
		0.21/0.09	F032/XP/XL	2950	1	0.72	2120	2040	25/24	85/88	3.00
		0.18/0.08	F028/XP/XL/SS	2600	1	0.72	2030	1865	21	97	3.43
		0.21/0.09	F032/XPS	3100	1	0.72	2230	2100	25/24	89/93	3.00
		0.20/0.09	F030/XP/SS	2850	1	0.72	2050	1930	23	89	3.10
		0.18/0.08	F028/XP/SS	2725	1	0.72	1960	1845	21	93	3.41
		0.16/0.07	F025/XP/SS	2475	1	0.72	1780	1675	20/19	89/94	3.71
51428	QHE 2x32T8/UNV PSX-MC Banded Pack 10-Pack	0.40/0.17	F032/700	2600	2	0.72	3745	3440	48/47	80	1.53
		0.40/0.17	F032/XP/XL	2950	2	0.72	4250	4080	48/47	89/90	1.53
		0.34/0.15	F028/XP/XL/SS	2600	2	0.72	3740	3587	41/40	91/94	1.76
		0.40/0.17	F032/XPS	3100	2	0.72	4465	4195	48/47	93/95	1.53
		0.37/0.16	F030/XP/SS	2850	2	0.72	4105	3860	45/43	91/95	1.66
		0.34/0.15	F028/XP/SS	2725	2	0.72	3925	3690	41/40	96/98	1.80
		0.31/0.14	F025/XP/SS	2475	2	0.72	3565	3350	38/37	94/96	1.94
51433	QHE 3x32T8/UNV PSX-MC Banded Pack 10-Pack	0.58/0.25	F032/700	2600	3	0.71	5540	5090	69/67	83	1.06
		0.58/0.25	F032/XP/XL	2950	3	0.71	6280	6030	69/67	91/90	1.06
		0.50/0.22	F028/XP/XL/SS	2600	3	0.71	5540	5313	60/59	92/94	1.18
		0.58/0.25	F032/XPS	3100	3	0.71	6605	6205	69/67	96/99	1.06
		0.54/0.23	F030/XP/SS	2850	3	0.71	6070	5705	65/63	93/96	1.13
		0.50/0.22	F028/XP/SS	2725	3	0.71	5805	5455	60/59	91/92	1.20
		0.47/0.20	F025/XP/SS	2475	3	0.71	5345	5025	56/55	95/97	1.28
51438	QHE 4x32T8/UNV PSX-MC Banded Pack 10-Pack	0.76/0.32	F032/700	2600	4	0.71	7385	6790	90/89	83	0.79
		0.76/0.32	F032/XP/XL	2950	4	0.71	8380	8040	90/89	93/94	0.79
		0.66/0.28	F028/XP/XL/SS	2600	4	0.71	7380	7077	79/77	93/96	0.90
		0.76/0.32	F032/XPS	3100	4	0.71	8770	8240	90/89	97/99	0.79
		0.72/0.31	F030/XP/SS	2850	4	0.71	8065	7580	86/84	94/96	0.84
		0.66/0.28	F028/XP/SS	2725	4	0.71	7745	7280	79/77	98/101	0.92
		0.61/0.26	F025/XP/SS	2475	4	0.71	7060	6640	73/71	97/99	1.00
<b>NORMAL BALLAST FACTOR</b>											
<b>Type CC, Lamp Striation Control and Parallel Operation</b>											
51397 51398	QHE 1x32T8/UNV PSN-MC Banded Pack 10-Pack	0.26/0.11	F032/700	2600	1	0.88	2290	2105	30/29	79	3.03
		0.26/0.11	F032/XP/XL	2950	1	0.88	2600	2490	30/29	87/90	3.03
		0.22/0.10	F028/XP/XL/SS	2600	1	0.78	2030	1865	26/25	78/81	3.00
		0.26/0.11	F032/XPS	3100	1	0.88	2730	2565	30/29	91/94	3.03
		0.24/0.10	F030/XP/SS	2850	1	0.88	2510	2360	28/26	90/97	3.38
		0.22/0.10	F028/XP/SS	2725	1	0.88	2400	2255	26/25	92/96	3.52
		0.20/0.09	F025/XP/SS	2475	1	0.88	2180	2045	23	92/95	3.83
51408 51409	QHE 2x32T8/UNV PSN-MC Banded Pack 10-Pack	0.48/0.21	F032/700	2600	2	0.88	4575	4205	57/55	83	1.60
		0.48/0.21	F032/XP/XL	2950	2	0.88	5190	4980	57/55	91/94	1.60
		0.43/0.18	F028/XP/XL/SS	2600	2	0.88	4580	4392	51/50	90/92	1.73
		0.48/0.21	F032/XPS	3100	2	0.88	5455	5130	57/55	96/99	1.60
		0.46/0.20	F030/XP/SS	2850	2	0.88	5015	4715	55/53	91/95	1.66
		0.43/0.18	F028/XP/SS	2725	2	0.88	4795	4510	51/50	94/96	1.76
		0.38/0.16	F025/XP/SS	2475	2	0.88	4355	4095	45/44	97/99	2.00

Ballast models above also operate FBO32, FBO31, F025, F024, F017, FBO16, FBO30/SS (30W), FBO29/SS (29W)

Ballasts operate additional T8 lamp types. Complete performance data is in the Ballast Technology Applications & Specification Guide and at [www.sylvania.com](http://www.sylvania.com).

<sup>1</sup> Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).

<sup>2</sup> System Efficacy calculation based on lowest input power value unless otherwise noted.

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