

SPECIFICATION DATA

Catalog #	Date	Type
Project	Prepared by	
Comments		

High Efficiency, Type CC, High Ambient (347-480V)

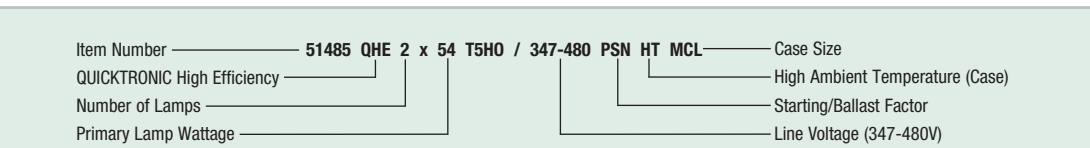


Item Number	OSRAM SYLVANIA Description	Input Current (AMPS)	Lamp Type	Rated Lumens (lm)	No. of Lamps	Ballast Factor (BF)	System Lumens	Mean Lumens	Input Power (Watts)		System Efficacy (lm/W)	BEF
									347V	480V		
QHE 2x54T5HO Fixed Output												
51486	QHE2x54T5HO/347-480 PSN-HT 20-pack (without leads)	0.35/0.25	FP54T5HO	5000	2	1.00	10,000	9300	118	117	85	0.85
		0.30/0.23	FP54/50W/SS	5000	2	1.00	10,000	9300	109	108	93	0.93
		0.30/0.22	FP54/47W/SS	4575	2	1.02	9335	8680	104	102	92	1.00
51485	QHE2x54T5HO/347-480 PSN-HT-MCL 10-pack (with leads)	0.32/0.23	FT55DL	4800	2	0.86	8255	7680	104	103	80	0.83
		0.33/0.24	FT50DL	4300	2	1.00	8600	8000	109	108	80	0.93
		0.31/0.22	L58	5200	2	1.00	10,400	9670	108	107	97	0.93
		0.26/0.22	FPC55	4000	2	0.75	6000	5040	91	90	67	0.83
		0.18/0.14	FP54T5HO	5000	1	1.00	5000	4650	60	59	85	1.69
		0.16/0.11	FP54/50W/SS	5000	1	1.01	5050	4695	56	55	92	1.84
		0.15/0.11	FP54/47W/SS	4575	1	0.98	4484	4170	52	51	88	1.92
		0.17/0.13	FT55DL	4800	1	0.87	4175	3885	55	54	77	1.61
		0.18/0.14	FT50DL	4300	1	1.02	4385	4080	57	56	78	1.82
		0.17/0.12	L58	5200	1	0.87	4525	4205	56	55	82	1.58
0.14/0.11	FPC55	4000	1	0.77	3080	2585	48	47	66	1.64		

QHE 4x54T5HO Switchable Model

51481	QHE4x54T5HO/347-480 PSN-HT-SCL 10-pack (with leads)	0.67/0.48	FP54T5HO	5000	4	1.00	20,000	18,600	232	228	88	0.44
		0.63/0.45	FP54/50W/SS	5000	4	1.02	20,400	18,970	212	207	99	0.49
		0.59/0.43	FP54/47W/SS	4575	4	1.02	18,665	17,360	205	203	92	0.50
		0.63/0.46	FT55DL	4800	4	0.91	17,470	16,250	217	215	81	0.42
		0.66/0.48	FT50DL	4300	4	1.02	17,545	16,315	225	222	79	0.46
		0.62/0.45	L58	5200	4	0.97	20,175	18,765	214	213	95	0.46
		0.51/0.37	FPC55	4000	4	0.88	14,080	13,095	181	175	80	0.50
		0.51/0.37	FP54T5HO	5000	3	1.03	15,450	14,370	178	177	87	0.58
		0.48/0.35	FP54/50W/SS	5000	3	1.02	15,300	14,230	165	164	93	0.62
		0.45/0.33	FP54/47W/SS	4575	3	1.04	14,275	13,275	156	155	92	0.67
		0.48/0.35	FT55DL	4800	3	0.92	13,250	12,320	165	163	81	0.56
		0.49/0.36	FT50DL	4300	3	1.03	13,285	12,355	170	167	80	0.62
		0.47/0.34	L58	5200	3	0.97	15,130	14,075	162	162	93	0.60
		0.41/0.30	FPC55	4000	3	0.92	11,040	10,265	144	141	78	0.65
		0.33/0.24	FP54T5HO	5000	2	1.03	10,300	9580	118	116	89	0.89
		0.32/0.24	FP54/50W/SS	5000	2	1.02	10,200	9485	108	106	96	0.96
		0.30/0.23	FP54/47W/SS	4575	2	1.03	9425	8765	103	101	93	1.02
		0.31/0.24	FT55DL	4800	2	0.93	8930	8305	107	106	84	0.88
		0.33/0.24	FT50DL	4300	2	1.04	8945	8320	112	109	82	0.95
		0.31/0.23	L58	5200	2	0.97	10,090	9380	106	106	95	0.92
0.27/0.20	FPC55	4000	2	0.90	7200	6695	91	89	81	1.01		
0.17/0.13	FP54T5HO	5000	1	1.05	5250	4885	59	58	91	1.81		
0.17/0.13	FP54/50W/SS	5000	1	1.03	5150	4790	56	55	94	1.87		
0.16/0.13	FP54/47W/SS	4575	1	1.04	4760	4425	53	53	90	1.96		
0.17/0.13	FT55DL	4800	1	0.90	4320	4020	56	55	79	1.64		
0.17/0.14	FT50DL	4300	1	1.04	4470	4160	57	57	78	1.82		
0.17/0.13	L58	5200	1	0.98	5095	4740	58	57	89	1.72		
0.14/0.12	FPC55	4000	1	0.95	3800	3535	55	53	72	1.79		

1: At 35°C lamp ambient temperature.
 2: Ballast Efficiency Factor (BEF) shown = (Ballast Factor x 100) divided by Input Power (Note: calculation based on lowest wattage value).
 3: System Efficacy calculation based on lowest input power value.
 * New Product. Please note item number 51486 connector/white case model QHE2x54T5HO/347-480 PSN-HT with leads inserted (for customer satisfaction) will be shipped as item number 51485 until the new black MCL (Micro-Can Long) case with leads QHE2x54T5HO/347-480 PSN-HT-MCL is in production. Check with your SYLVANIA Sales Professional for new product availability.



High Ambient Temp.

T5HO 347-480V HT

High Efficiency

Performance Guide

Data based upon SYLVANIA PENTRON® HO lamps shown. QUICKTRONIC® 347-480V T5HO HT ballasts are also compatible with other lamp manufacturers equivalent lamp types that meet ANSI specifications.

Specifications⁴

- Starting Method:** Programmed Rapid Start
- Ballast Factor:** 1.00 (see table)
- Circuit Type:** Series
- Lamp Frequency:** >42 kHz
- Lamp CCF:** Less than 1.6
- Starting Temp:** -20°F/-29°C⁵
- Input Frequency:** 50/60 Hz
- Low THD:** <10%
- Power Factor:** >98%
- Voltage Range:** ±10% of Rated Input
- UL Listed Class P, Type 1, Outdoor, UL Type CC Rated
- 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 Compliant⁶
- ANSI C62.41 Cat. A Transient Protection
- QUICKSENSE® Dynamic End-of-Lamp-Life Sensing
- Remote Mounting (Max. wire length from ballast case to lampholder): up to 18 feet. Remote red leads up to 18 feet. Keep blue leads <10 feet.⁵
- 4 Data based on PENTRON HO lamp types for primary ballast application.
- 5 Operation below 50°F (10°C) may affect light output or lamp operation – see “Low Temp. Starting” definition.
- 6 Complies with European Union Restriction of Hazardous Substances Directive. (Directive 2002/95/EC)

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.

