

PENTRON® T5 FLUORESCENT LAMPS

PENTRON® T5 lamps are designed to operate on dedicated electronic programmed rapid start (also known as programmed start) ballasts only. These lamps are globally standardized and are designed to operate with their peak light output at 35°C (95°F) ambient temperature. For comparison purposes and to accommodate existing lamp measurement standards, ratings are given at both 25°C (77°F) and 35°C (95°F). The new lamp dimensions allow for innovative fixture designs and improved fixture performance

PENTRON® High Performance T5 Lamps

Nominal Wattage	Bulb	Nominal Length (in)	MOL (in)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Avg Rated Life @3hrs/start (@12hrs/start)	CCT (K)	CRI	Approx Lumens		Symbols & Footnotes
											Initial @25°C/77°F	Mean @35°C/95°F	
28	T5	48	45.8	Mini Bipin	20868	FP28/830/ECO	40	20000	3000	85	2600 2900	2418 2697	31,33,38,48,74,76
					20901	FP28/835/ECO	40	20000	3500	85	2600 2900	2418 2697	31,33,38,48,74,76
					20902	FP28/841/ECO	40	20000	4100	85	2600 2900	2418 2697	31,33,38,48,74,76
					22203	FP28/850/ECO	40	20000	5000	85	2545 2840	2367 2641	31,33,38,48,74,76
					20990	FP28/865/ECO	40	20000	6500	85	2400 2750	2232 2558	31,33,38,48,74,76
					20977	FP28RED 40/CS 1/SKU	40	20000			2100		15,31,33,38,48,74
					20978	FP28GREEN 40/CS 1/SKU	40	20000			3500		15,31,33,38,48,74
					20986	FP28BLUE 40/CS 1/SKU	40	20000			700		15,31,33,38,48,74
14	T5	24	22.2	Mini Bipin	20907	FP14/830/ECO	40	20000	3000	85	1200 1350	1116 1256	31,33,38,48,74,76
					20908	FP14/835/ECO	40	20000	3500	85	1200 1350	1116 1256	31,33,38,48,74,76
					20914	FP14/841/ECO	40	20000	4100	85	1200 1350	1116 1256	31,33,38,48,74,76
					20988	FP14/865/ECO	40	20000	6500	85	1100 1300	1045 1209	31,33,38,48,74,76
21	T5	36	34	Mini Bipin	20919	FP21/830/ECO	40	20000	3000	85	1900 2100	1767 1953	31,33,38,48,74,76
					20921	FP21/835/ECO	40	20000	3500	85	1900 2100	1767 1953	31,33,38,48,74,76
					20924	FP21/841/ECO	40	20000	4100	85	1900 2100	1767 1953	31,33,38,48,74,76
					20989	FP21/865/ECO	40	20000	6500	85	1750 2000	1662 1860	31,33,38,48,74,76
35	T5	60	57.6	Mini Bipin	20925	FP35/830/ECO	40	20000	3000	85	3300 3650	3069 3394	31,33,38,48,74,76
					20926	FP35/835/ECO	40	20000	3500	85	3300 3650	3069 3394	31,33,38,48,74,76
					20927	FP35/841/ECO	40	20000	4100	85	3300 3650	3069 3394	31,33,38,48,74,76

PENTRON® PREMIER™ High Performance T5 Lamps

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											Initial @25°C/77°F	Mean @35°C/95°F	
28	T5	48	45.8	Mini Bipin	20948	FP28/830PM/ECO	40	20000	3000	85	2730 3050	2594 2898	31,33,38,48,74,76
					20943	FP28/835PM/ECO	40	20000	3500	85	2730 3050	2594 2898	31,33,38,48,74,76
					20944	FP28/841PM/ECO	40	20000	4100	85	2730 3050	2594 2898	31,33,38,48,74,76