

7.7.2 Efficiency Standards for General Service Fluorescent Lamps**Effective for products manufactured before July 14, 2012**

<u>Lamp Type (1)</u>	<u>Nominal Lamp</u>		<u>Minimum</u>	<u>Effective Date</u>
	<u>Wattage (W)</u>	<u>Minimum CRI</u>	<u>Average Lamp Efficacy (lm/W)</u>	
4-Foot Medium Bipin	>35	69	75.0	November 1, 1995
4-Foot Medium Bipin	≤35	45	75.0	November 1, 1995
2-Foot U-Shaped	>35	69	68.0	November 1, 1995
2-Foot U-Shaped	≤35	45	64.0	November 1, 1995
8-Foot Slimline	>65	69	80.0	May 1, 1994
8-Foot Slimline	≤65	45	80.0	May 1, 1994
8-Foot High Output	>100	69	80.0	May 1, 1994
8-Foot High Output	≤100	45	80.0	May 1, 1994

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<u>Lamp Type</u>	<u>Correlated Color Temperature (K)</u>	<u>Minimum Average Lamp Efficacy (lm/W)</u>
4-Foot Medium Bipin	≤4,500	89
4-Foot Medium Bipin	>4,500 and ≤7,000	88
2-Foot U-Shaped	≤4,500	84
2-Foot U-Shaped	>4,500 and ≤7,000	81
8-Foot Slimline	≤4,500	97
8-Foot Slimline	>4,500 and ≤7,000	93
8-Foot High Output	≤4,500	92
8-Foot High Output	>4,500 and ≤7,000	88
4-Foot Miniature Bipin, Standard Output	≤4,500	86
4-Foot Miniature Bipin, Standard Output	>4,500 and ≤7,000	81
4-Foot Miniature Bipin, High Output	≤4,500	76
4-Foot Miniature Bipin, High Output	>4,500 and ≤7,000	72

Note(s): 1) Do not apply to 4-foot medium bipin lamps or 2-foot U-shaped lamps with rated wattages less than 28W; 8-foot high output lamps not defined in ANSI C78.81 or related supplements, or not 0.800 nominal amperes; or 8-foot slimline lamps not defined in ANSI 78.3.

Source(s): Title 10, Code of Federal Regulations, Part 430 - Energy Conservation Program for Consumer Products, Subpart C - Energy Conservation Standards and Their Effective Dates. January 1, 2010; and Energy Conservation Standards and Test Procedures for General Service Fluorescent Lamps and Incandescent Reflector Lamps; Final Rule, Federal Register, 74 FR 34080, July 14, 2009.