

CEESM RESIDENTIAL LIGHTING INITIATIVE

Specification for Integral Replacement Lamps Sold at Retail

(Terms of Use below)

Effective January 2, 2017

Integral replacement lamps that qualify for the CEE tiers must first meet the current ENERGY STAR[®] Lamp Criteria (Version 2.0 effective January 2, 2017). The CEE tiers below define criteria that are equal to or more stringent than ENERGY STAR for specific performance characteristics.

	Initial Efficacy (lm/W) CRI≥80	Initial Efficacy (lm/W) CRI≥90	Correlated Color Temperature (K)	Rated Life (hours)	Power Factor	Dimming*
CEE Tier 1						
Omnidirectional*	≥ 80	≥ 70	≤ 6500	≥15,000	≤ 10W, ≥ 0.6, > 10W, ≥ 0.7	Not required
Directional*	≥ 70	≥ 61	≤ 6500	≥25,000	≥ 0.7	Not required
Decorative*	≥ 65	≥ 65	≤ 6500	≥15,000	≥ 0.7	Not required
CEE Tier 2						
Omnidirectional	≥ 95	≥ 80	≤ 5000	≥25,000	≥ 0.7	≤20%
Directional	≥ 85	≥ 70	≤ 5000	≥25,000	≥ 0.7	≤20%
Decorative	≥ 80	≥ 70	≤ 5000	≥15,000	≥ 0.7	≤20%
CEE Advanced Tier						
Omnidirectional		≥ 90	≤ 5000	≥25,000	≥ 0.9	≤10%
Directional		≥ 80	≤ 5000	≥25,000	≥ 0.9	≤10%
Decorative		≥ 80	≤ 5000	≥25,000	≥ 0.9	≤10%

* Please note that CEE adheres to the definitions for dimming, omnidirectional, directional and decorative lamps established by ENERGY STAR.

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