

Did you know that the 2015 IECC has a MANDATORY requirement that 75% of light bulbs and fixtures be high efficacy” for residential new construction?

What type of bulbs comply?



CFLs



Linear Fluorescents



LEDs

Efficacy Requirements

Lamp Wattage	Efficacy
>40 Watts	60 Lumens/Watt
15-40 Watts	50 Lumens/Watt
<15 Watts	40 Lumens/Watt

Unmatched Performance

- Approximately 15% more efficient than CFL
- Life-expectancy of up to 50,000 hours compared to 10,000 hours for a CFL
- Improved dimming capabilities and compatibility with controls and sensors

Code Compliance

- Cost savings improve performance metrics
- Innovative products improve performance of other components (ex: surface mounts improve air sealing)
- Proposed code updates continue to increase stringency that only current LEDs meet

Market Trends

- Consumer perception study shows ~60% of consumers prefer LED lighting compared to just 15% for CFLs (*Gauging Consumer Perception of Residential Lighting, Newport Ventures, 2014*)
- Major manufacturers are phasing out CFL production to transition to LEDs
- LED costs continue to decline