

# Newport Ventures Lighting Requirements

Did you know that the 2015 IECC has a **MANDATORY** requirement that 75% of light bulbs and fixtures be considered 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