



Commercial Codes of the Future – Lighting

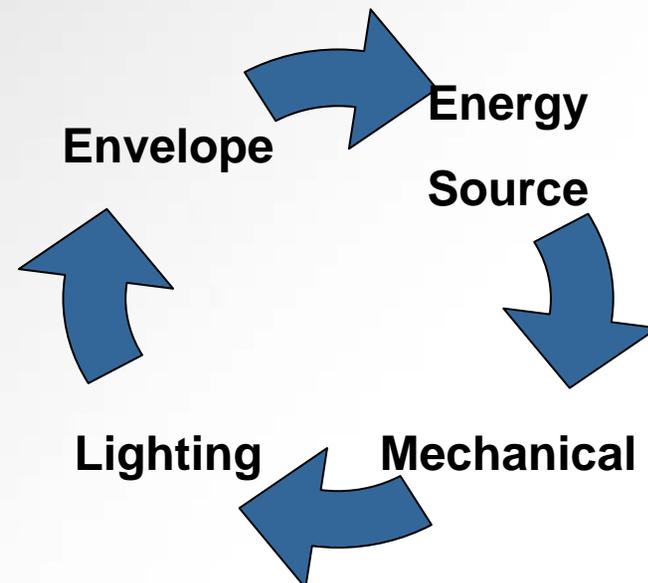
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Current Chairman – ASHRAE/IESNA
90.1 Lighting Subcommittee

General Vision

- Lighting energy code methodologies
 - Maximize efficiencies
..OR..
 - Limit power use
 - Power density
 - Time of use
 - ..OR.....Both
- More whole building/integrated approach



Current and Future Activities

- Improved Exceptions, Allowances, and Clarifications
 - Track lighting current limiter (in process)
 - Additional power allowances (retail)
 - Task lights



.....More Future Activities

➤ Selected Controls

- More occupancy sensor requirements?
- Daylighting?



➤ Additional Building and Space Types

- Data centers
- Laboratories
- Animal care/housing
- Retail categories
- Spaces for use by the aged



➤ LPD increases?

- Quality of light vs. Energy savings
- Current office lighting evaluation