

Optimize energy performance, lighting power

EAC1.1 | Possible 3 points

Intent

Achieve increasing levels of energy conservation beyond the referenced standard to reduce environmental impacts associated with excessive energy use

Requirements

Projects are required to achieve two (2) Optimize Energy Performance points. Project teams are awarded these two points towards LEED certification but documentation that verifies compliance with two (2) Optimize Energy Performance points is mandatory for a project to be awarded LEED certification.

Reduce connected lighting power density below that allowed by ASHRAE/IESNA Standard 90.1-2004* using either the Space-by-Space Method or by applying the whole building lighting power allowance to the entire tenant space.

Option A. Reduce lighting power density to 15% below the standard (1 point)

OR

Option B. Reduce lighting power density to 25% below the standard, (2 points)

OR

Option C. Reduce lighting power density to 35% below the standard. (3 points)