



## LEED POINTS AND EXIT SIGNS

An overview of how Photo-luminescent [PL] exit signs can contribute to attaining points in a LEED project.

LEED Credit	Credit Requirements and Guidelines	Impact of Installing PL Exit Signs	Comments
Energy & Atmosphere Credit EA1: Optimize Energy Performance	Achieve increasing levels of energy performance over a baseline that complies to ASHRAE 90.1  ASHRAE 90.1 baseline specifies that internally illuminated exit signs shall not exceed 5 watts.	Photo-luminescent exit signs use 0 watts of power.  The 5 watt energy savings of a PL exit sign will positively contribute to achieving an improved energy cost savings percentage.	LED exit signs average 4-5 watts.
Materials & Resources Credit MR4: Recycled Content	Use materials with high percentages of post and pre consumer recycled content.  Provide manufacturer verification in accordance with ISO 14021.	Active Safety Series 2002 exit signs have high percentage of recycled aluminum content.  Approx. \$/sign attributable to MR4 = \$58 - \$115	LED and radioactive exit signs are not constructed of recycled materials.
Innovation in Design Credits ID1: Innovative Performance  [note 1]	Demonstrate significant and measurable environmental and occupant benefits not addressed in existing LEED credits.	Photo-luminescent exit signs are the best available technology. [notes 2,3] > near failsafe occupant safety > no power usage > no radioactivity > non toxic construction > no hazardous components > high recycled content > high recyclable content > long lifespan [15 – 60% longer] > near maintenance free > least expensive exit sign > near benign manufacturing impact	Overwhelming environmental benefit of PL exit signs over LED and radioactive exit signs may be eligible for Credit point.

Notes: [1] innovation credits not awarded for products used in achieving other LEED credits. [2] US Dept of Energy Report [3] Self-luminous tritium signs are radioactive and LED exit signs contain hazardous components [circuit boards and batteries].

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