

SunProject & Potential LEED 2008 Rating System Points (USGBC)

HEALTHCARE

Facilities Management

- **Prerequisite 2: Minimum Building Energy Efficiency Performance** **required**

By reducing solar heat gain and associated cooling loads, SunProject's window treatments help meet the minimum levels of building energy efficiency of:

OPTION 1: Scoring of 69 using the EPA Energy Star® Portfolio Manager Benchmarking tool or demonstrating an EUI of 19% above industry average in kBtu/ft²/year.

OPTION 2: Facilities with Energy Star score below 69 (or EUI <19%) shall improve energy performance by 7% per year on average over the improvement period until achieving Option 1 criteria.

- **Credit 1.0: Optimize Energy Efficiency Performance** **1.2 points**

SunProject's window treatments may contribute towards achieving increased levels of energy efficiency performance relative to typical healthcare buildings. Points are earned based on the EPA Energy Star® score or Energy Use Intensity (EUI) achieved by the facility. Assuming SunProject's window treatments can contribute a maximum overall energy savings of 2.4% for a typical healthcare building in the U.S. (see Section 2.0), a potential contribution of 1.2 points can directly be earned (see Appendix A-Table A.8), so long as the minimum energy performance requirements for FMp2 were met through other means.

- **Credit 9.0: Light Pollution Reduction** **<1 point**

Minimizing interior and exterior lighting trespass from the building and site during nighttime to reduce light pollution can earn credit. Reduction of the interior lighting portion requires the angle of maximum candela from each interior luminaire to intersect opaque building interior surfaces and not exit out through the windows. This may be fulfilled by SunProject's automated exterior solar shades.

Total: 1.2-2.2 points of 16 available points

ADDITIONAL ENVIRONMENTAL ATTRIBUTES

SunProject's window treatments can be operated both automatically and manually to influence lighting and thermal comfort within the building. This would contribute towards providing the high level of individual lighting system and thermal comfort control for building occupants, though shading systems are not a recognized method to earn credit in the LEED credit IEQc6 – Controllability of Systems: Lighting and Thermal Comfort Control.

The aluminum extrusions used in SunProject's window treatments are comprised of 60% post-industrial and 20% post consumer recycled content.