



**LEED 2009 for Schools: New Construction and Major Renovations –**

Category Name:	Number of possible Points:	Explanation:
Energy & Atmosphere – EA Prerequisite 2 Minimum Energy Performance	n/a	In order to add to the building’s insulation and contribute to the building envelope design, our component daylighting fixtures have two mylar thermal barriers which create three separate air spaces within the fixture. Our units have very high R value and low U factor ratings. We can also provide a double dome skylight where needed in extreme climates.
Energy & Atmosphere – EA Credit 1 Optimize Energy Performance	19	Our highly efficient component daylighting systems provide enough light to completely replace electric lighting for 8 or more hours each day, offsetting one of the building’s largest loads. You can earn 1 point by improving energy performance by 12% for a new building or 8% for an existing building. Every 2% more of energy use reduction earns 1 additional point, to a maximum of 19 points possible for showing a 48% improvement on new buildings or 44% on existing building renovations.
Materials & Resources – MR Credit 5 Regional Materials	2	If the LEED project is located anywhere within 500 miles of our Glendale, AZ manufacturing plant, you could qualify for a Regional Materials Credit. This includes any project in AZ, NM, southern UT, southern CA, and southern NV. 1 point is possible if you use 10% Regional Materials, and 2 points for 20% Regional Materials
Indoor Environmental Quality – IEQ Credit 6.1 Controllability of Systems – Lighting	1	Our component daylighting fixtures have a wide variety of controls, including: total shade controlled by

Corporate Office – 3696 Haven Ave, Suite A, Redwood City, CA 94020 650-779-4630  
 Manufacturing – 6042 N 53<sup>rd</sup> Dr, Glendale, AZ 85301 623-463-0901

[www.daylighting.com](http://www.daylighting.com)



		a switch to block sunlight; hybrid units with LED lighting incorporated into the natural light well; automated light controllers with light level sensors to turn light off when the natural daylighting is working; occupancy sensors and dimmer switches
Indoor Environmental Quality – IEQ Credit 8.1 Daylighting & Views – Daylight	3	This is the essence of what we do. We were one of the first daylighting companies. You can earn 1 credit by daylighting at least 75% of the classrooms, 2 points for daylighting 90% of the classrooms, and a 3rd point for also daylighting 75% of the other spaces, and that is easily accomplished with our toplighting systems. Thousands of our daylighting fixtures are installed in schools: classrooms, libraries, administration buildings, cafeterias, auditoriums and gymnasiums.
Innovation and Design Process – ID Credit 1 Innovation in Design	1 or more	One additional point may be awarded for each credit in which the requirements are exceeded. More additional points may be awarded for “comprehensive strategies which demonstrate quantifiable environmental benefits” which are typically unique approaches not addressed in existing credit requirements.