

## LEEDING THE WAY



Leadership in Energy and Environmental Design (LEED) is a North American phenomenon that is influencing building owners and property managers to re-think how buildings are being designed, constructed, operated, and used. At the foundation of the LEED process is a *checklist of points* that guides design engineers into categorizing a facility. The higher the total number of points attained, the higher the LEED ranking. Go to [www.reliablecontrols.com/projects](http://www.reliablecontrols.com/projects) and click on the LEED Certified Facilities link at the bottom left corner of the page to view some of the many LEED projects completed by Reliable Controls® Authorized Dealers.

The following table details the *big picture* of how LEED points are organized.

<b>Sustainable Sites – 14 Points</b>		Minimum Energy Performance	*	<b>Indoor Environmental Quality – 15 Points</b>	
Erosion & Sedimentation Control	*	CFC Reduction in HVAC&R Equipment	*	Minimum IAQ Performance	*
Site Selection	1	Optimize Energy Performance	1-10	Environmental Tobacco Smoke Control	*
Urban Redevelopment	1	Renewable Energy, 5%	1	Carbon Dioxide (CO <sub>2</sub> ) Monitoring	1
Brownfield Redevelopment	1	Renewable Energy, 10%	1	Ventilation Effectiveness	1
Alternative Transportation, Public	1	Renewable Energy, 20%	1	Construction IAQ Mgmt Plan, Construction	1
Alternative Transportation, Bicycle	1	Additional Commissioning	1	Construction IAQ Mgmt Plan, Occupancy	1
Alternative Transportation, Alternative Fuel	1	Ozone Depletion	1	Low-E Materials, Adhesive/Sealant	1
Alternative Transportation, Parking/Carpooling	1	Measurement & Verification	1	Low-E Materials, Paints	1
Reduced Site Disturbance, Open Space	1	Green Power	1	Low-E Materials, Carpet	1
Reduced Site Disturbance, Dev Footprint	1			Low-E Materials, Comp Wood & Agrifiber	1
Stormwater Management, Rate and Quantity	1	<b>Material &amp; Resources – 13 Points</b>		Indoor Chemical & Pollutant Source Control	1
Stormwater Management, Treatment	1	Storage & Collection of Recyclables	*	Controllability of Systems, Perimeter	1
Reduce Heat Islands, Non-Roof	1	Building Reuse, Maintain 75% of Existing Shell	1	Controllability of Systems, Non-Perimeter	1
Reduce Heat Islands, Roof	1	Building Reuse, Maintain 100% of Shell	1	Thermal Comfort, ASHRAE 55-1992	1
Light Pollution Reduction	1	Building Reuse, Maintain 100% Shell 50% Non-Shell	1	Thermal Comfort, Permanent Monitoring	1
		Construction Waste Management, Divert 50%	1	Daylight & Views, Daylight 75% of Spaces	1
<b>Water Efficiency – 5 Points</b>		Construction Waste Management, Divert 75%	1	Daylight & Views, Views for 90% of Spaces	1
Water Efficient Landscaping, Reduce by 50%	1	Resource Reuse, Specify 5%	1		
Water Efficient Landscaping, No Potable/Irrigation	1	Resource Reuse, Specify 10%	1	<b>Innovation &amp; Design Process – 5 Points</b>	
Innovative Wastewater Technologies	1	Recycled Content, Specify 5%	1	Innovation in Design: Provide Specific Title	1
Water Use Reduction, 20% Reduction	1	Recycled Content, Specify 10%	1	Innovation in Design: Provide Specific Title	1
Water Use Reduction, 30% Reduction	1	Local Materials, 20% Manufactured Locally	1	Innovation in Design: Provide Specific Title	1
		Local Materials, 20% Above, 50% Harvested Locally	1	Innovation in Design: Provide Specific Title	1
<b>Energy &amp; Atmosphere – 17 Points</b>		Rapidly Renewable Materials	1	LEED™ Accredited Professional	1
Fundamental Building Systems Commissioning	*	Certified Wood	1	* Required	

To be LEED-NC *Certified*, a facility must attain between 26–32 points. For *Silver* certification, a score of 33–38 points must be achieved. For *Gold*, 39–51 points, and for *Platinum*, 52–69 points must be achieved. There is a maximum of 73 points available.