

LEED Certification Opportunities

with Ameron Spun-Cast Concrete Poles



The United States Green Building Council (USGBC) has developed a certification system to rate the environmental performance of a building or neighborhood. The five key criteria for this certification called LEED (Leadership in Energy and Environmental Design) are: sustainable site development, water savings, energy efficiency, material selection and indoor environmental quality. Ameron Pole Products has continued our eco-friendly movement by becoming a USGBC member. Ameron innovative spun-cast products can help contribute points for your project or neighborhood to achieve the highest level of LEED certified ratings.

LEED Certification	Potential Points	Opportunities with Ameron Spun-Cast Concrete Poles
Materials & Resources Credit 5 Local/Regional Materials	2	Three strategically located concrete facilities across the U.S.A.
Sustainable Site Credit 7 Reduction of Heat Islands	1	Utilize our light color concrete aggregates
Materials & Resources Credit 2 Construction Waste Management	2	100% of product can be recycled
Materials & Resources Credit 3 Materials Reuse	1	Durable, longest life-span pole products, reusable with our added feature of exchangeable tenons.
Sustainable Site Credit 8 Light Pollution Reduction	1	All major brands of full cutoff fixtures are easy to attach to our adaptable pole styles.
Innovation and Design Process	1 – 4	We offer the lowest life cycle cost product that is virtually maintenance free. Our natural stone finish, eliminates the need to apply environmentally harmful coatings like galvanizing or polyester powder paints.

LEED for New Construction (version 2.2)

Materials & Resources Credit 5 – Local/Regional Materials

By supporting the regional economy and reducing the environmental impacts of transportation, two points can be obtained. If a minimum of 10% of the building materials for your project are manufactured within a 500-mile radius, one point is awarded. An additional point is awarded if it is more than 20%. Ameron has three strategically located manufacturing facilities in the United States that allow us to effectively provide a complete line of concrete poles within 500 miles of most projects on either coast.

Sustainable Site Credit 7 – Reduction of Heat Islands

One point can be awarded if you can reduce heat islands to minimize impact on micro-climate and human/wildlife habitat. Ameron poles are made from Portland cement that has a very good reflectance ratio (approximately .35) and with our large selection of light color mixes will lead to a reduction in Heat Island Effect for your site.

Materials & Resources Credit 2 – Construction Waste Management

Points are provided for diverting construction, demolition and land clearing material waste from landfills. One point is awarded by diverting 50% of the material weight and an additional point is awarded if over 75% of the material is diverted from landfills. Concrete poles can be 100% recyclable. Product crushes down for road construction aggregate and the prestressed material is converted back to new steel. All waste generated during pole production can also be 100% recycled. Using concrete lighting poles can award you with two points for construction waste diversion by allocating the weight of our poles.

Materials & Resources Credit 3 - Materials Reuse

One point can be given if you can extend the life cycle of existing stock, retain cultural resources, reduce waste and conserve resources. Our durable, longest life-span pole products are 100% reusable at both the existing and new site applications. Our exchangeable tenon design allows additional flexibility if technology or local codes change the lighting source without replacing the pole or infrastructure.

Sustainable Site Credit 8 – Light Pollution Reduction

Points are given if the site lighting minimizes light trespass (full cut-off). Ameron poles are designed to function with all major lighting companies pendant and post top fixtures that meet this eco-friendly requirement. Ameron bollards can meet this criterion for low level exterior lighting.

Innovation and Design Process

This section can award up to four points if your project provides exceptional product performance above the LEED requirements. Ameron spun-cast concrete poles offer the lowest life cycle cost of any lighting pole product in the industry. Our concrete poles and concrete arms for post top fixtures can eliminate on site VOC caused by repainting products in the field. We also offer, on many of our products, concrete hand-hole doors and our patented internally bolted concrete poles that adapt to existing foundations. Ameron can create specialty products to meet your eco-needs.

Products are not reviewed or certified under the LEED Rating System. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit www.usgbc.org/leed.

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*Natural
as
Nature*

*Ameron Spun-Cast
Concrete Poles Are:*

- ECO-FRIENDLY
- DURABLE
- MADE IN THE USA
- OUTSTANDING VALUE
- VIRTUALLY MAINTENANCE FREE

