



LEO™  
November 2011

With our roots in the landscape and a stated purpose to “Enrich Outdoor Spaces,” Landscape Forms has a special relationship to the natural environment. We have always been mindful that as we design and manufacture products that are acted upon by the environment, we act upon it in turn. Environmental sustainability is completely consistent with our purpose, our goals, our values and our principles. We make stewardship of the environment a vital part of our business.

To learn more about our sustainability initiatives, refer to our [Environmental Statement](#).

**LEO IS MANUFACTURED USING THE FOLLOWING MATERIALS:**

<b>Material</b>	<b>Parts</b>	<b>Recyclable</b>
aluminum	pole, dome, arm, clamp	100%
various, see guide specs	LED cartridge	

**Finishing**

All metal is finished with Pangard II® polyester powdercoat, which is lead-free, hazardous air pollutants-(HAPS) free, does not generate hazardous waste, and contains less than 1% VOCs. Once processed, these trace VOCs are fully inert therefore the finish does not release airborne contaminants.

<b>Packaging Materials</b>	<b>Parts</b>	<b>Recyclable</b>
plastic	product bagged to protect finish	100%
recycled skid		100%
cardboard with 35% recycled content		100%

To find local recyclers visit: for steel: [www.recycle-steel.org](http://www.recycle-steel.org); for cardboard: [www.corrugated.org](http://www.corrugated.org).

**LEED®**

This product may help achieve the following points under the LEED 2009 Rating System. For specifics regarding rules for the inclusion of furniture, please consult the rating system and reference guide that applies to your project.

**EA Credit 2: Optimize Energy Performance**

**Intent**

To achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

This product utilizes LED technology. LED's, are extremely energy efficient. Today's high-performance LED's produce @90 lumens per watt (90 lm/W) in comparison to @15 lm/W for conventional 60-100 watt incandescent bulbs. Using LED technology can help reduce excessive energy use to assist in obtaining this credit.

## Materials and Resources

### MR Credit 4, Recycled Content

#### Intent

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

#### Recycled Content

Style	Total	Post Consumer	Pre Consumer
LEO 12ft pole, single 22in luminaire	36%	25%	11%
LEO 12ft pole, double 22in luminaire	35%	22%	13%
LEO 16ft pole, single 22in luminaire	37%	28%	9%
LEO 16ft pole, double 22in luminaire	35%	24%	11%
LEO 20ft pole, single 28in luminaire	37%	28%	9%
LEO 20ft pole, double 28in luminaire	35%	24%	11%
LEO 20ft pole, combo, 28in luminaire at 20ft, 22in luminaire at 12ft	36%	25%	11%
LEO 25ft pole, single 28in luminaire	37%	30%	7%
LEO 25ft pole, double 28in luminaire	35%	26%	9%
LEO 25ft pole, combo, 28in luminaire at 25ft, 22in luminaire at 12ft	36%	27%	9%
Single or Double 22in luminaire only	33%	17%	16%
Single or Double 28in luminaire only	32%	16%	16%

### MR Credit 5, Regional Materials

#### Intent

To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

This product is manufactured in our Kalamazoo, MI facility, zip code 49048. For calculations regarding material extraction, please contact Landscape Forms.

## CARE AND MAINTENANCE

LEO is designed and engineered to live a long, useful life in outdoor spaces without the use of chemical cleaners to maintain the finish. The durability, longevity and low maintenance of our products contribute to responsible stewardship of the earth's resources.

All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading and requires no cleaning solvents once installed. Clean surface as needed using a soft cloth or brush with a mild detergent. Avoid steam cleaning, abrasive cleansers, carbon steel brushes/wools and cleaners containing chlorine. Outdoor use will require periodic finish inspection and maintenance. Inspect periodically for scratches, nicks and gouges. Touch-up paint is included with every order and can be used to repair minor nicks and scratches.