



INSIDE

- Efficient, Effective and Environmentally Sound
- Sustainable Products
- LEED

SUSTAINABLE Lighting



Architectural Area Lighting
16555 East Gale Ave. | City of Industry | CA 91745
T 626.968.5666 | F 626.369.2695 | www.aal.net

SUSTAINABLE Lighting

Leaders in Providing Efficient,
Effective and Environmentally
Sound Outdoor Lighting Fixtures

ARCHITECTURAL AREA LIGHTING

Cutting Area

Cutting Area

to inspire
create & nurture
excellence
in each other



EFFICIENT, EFFECTIVE AND ENVIRONMENTALLY SOUND

Energy Efficient

The HID light sources employed in the AAL products are the most efficient sources commercially available today with efficacies in the 90 lumens per watt (LPW) range. The result is more light with less energy consumption

Energy Effective

Even the most efficient sources can be energy hogs if they distribute the light to places where it is unnecessary or unwanted. The AAL die cast back-housing with segmented, high reflectance, aluminum mirrors is a precision optical system that puts light where it is needed and minimizes light trespass, sky glow and other forms of light pollution. These optical systems are engineered for highly controlled, and thereby effective, light distribution.

Environmentally Sound

All AAL products are produced with sustainable technologies that have as small an impact on the environment as possible. Sustainable is a continuous process, but AAL has moved to the use of long life, robust renewable materials such as aluminum and glass in all its products.

AAL also utilizes state-of-the-art finishing systems, which employ a 5 stage pretreatment process using only the eco-friendly cleansing and preparation chemicals that are harmless enough to send to the drain without processing. The pre-treatment is followed by a 100% electrostatic powder paint application where no organics are used and no VOCs emitted.



SUSTAINABILITY PROGRAM

The Carbon Neutral products sustainability program provides end-users the opportunity to neutralize the carbon footprint created by fixtures when in operation. The program is based on a fixture's lamp wattage and ballast system, burn cycle (in whole hour increments) and the duration (in whole years) the end-user seeks for the fixture's carbon footprint to be offset.

The carbon offsets are purchased through TerraPass, a San Francisco-based company that funds clean energy and carbon emissions reduction projects throughout the U.S.

AAL is committed to lessening our impact on the environment, and offering a sustainable product program that allows our customers an opportunity to offset the carbon emissions produced by our fixtures when they are in-use.

LEED®

Studies show that:

- An estimated 30% of all US outdoor lighting is being directed skyward as waste
- \$1.5 billion dollars is estimated to be spent on wasted electricity yearly
~ International Dark Sky Association, www.darksky.org/ida
- Buildings account for 38% of CO2 emissions in the United States
- CO2 emissions from commercial buildings are projected to grow faster than any other sector—1.8% a year through 2030
- Buildings consume 70% of the electricity load in the U.S.
- The average LEED® certified building uses 32% less electricity and saves 350 metric tons of CO2 emissions annually
~ BuildingDesignLeadersCollaboratingonCarbon-NeutralBuildings by 2030. May 7, 2007 www.usgbc.org/news/pressreleasedetails