



Sustainable Products Program



Offset Your Lighting Fixtures

Carbon Footprint

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Sustainable

Why Offer a Sustainable Products Program?

According to the United States Green Building Council (USGBC), buildings account for 38% of all CO2 emissions in the United States. That number will only increase, as more and more buildings are being constructed. Since power generation accounts for about one-quarter of the total emissions of carbon dioxide per year, it is a significant factor in global warming.

Being green has been in the forefront of the news in recent months. As our climate continues to change, we now understand that greenhouse gas is a real and escalating problem. AAL believes that it is imperative that our customers and their communities have sustainable lighting solutions at their fingertips, so they can make environmentally responsible choices.

Sustainable Products Program

AAL has designed a program where end-users may purchase carbon offset credits through AAL to offset a fixture's carbon footprint during its operation on-site.

For merely pennies a day, you can offset your lighting fixtures' carbon footprint!



Why Offset Your Fixtures Carbon Footprint?

Once an electrical product is energized, it draws power from the grid, which consequently engenders a carbon footprint. Carbon emissions are proportional to energy used which is related to both power and time.

The carbon footprint specifically depends upon the wattage of the lamp:ballast system, the operating cycle, and the duration desired for carbon neutral operation. By capturing these 3 parameters, carbon offset credits may be purchased for any duration – provided they are in whole years and burning cycles in whole hours. The cost to have your installation of AAL luminaires carbon neutral will be only pennies per day.

The Carbon Offset Process

AAL purchases the carbon offsets on your behalf through TerraPass. TerraPass is a San Francisco-based company, and a leading retailer and marketer of carbon offsets. TerraPass works with clean energy and carbon emissions reduction projects throughout the U.S., including wind power, farm power and land fill gas capture. 100% of TerraPass carbon credits are verified against a broadly accepted standard by independent third-party verifiers. In addition, TerraPass is a founding member of the International Carbon Reduction and Offset Alliance (ICROA). For more information visit www.terrapass.com.

A carbon offset is a certificate representing the reduction of one metric ton (2,205 lbs) of carbon dioxide emissions, the principal cause of global warming. If you develop a project that reduces carbon dioxide emissions, every verified metric ton of emissions reduced results in the creation of one carbon offset. Project developers can then sell these offsets to finance their projects.



*A*s environmental awareness grows, being a good steward of the environment plays an increasing role in attracting progressive businesses and new residents to cities and counties. Choosing to build green and utilize sustainable lighting solutions showcases environmental leadership and demonstrates a contribution to larger efforts to reduce resource consumption, reduce waste, improve air and water quality and create sustainable communities for future generations to come.

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