



energybank. model T®

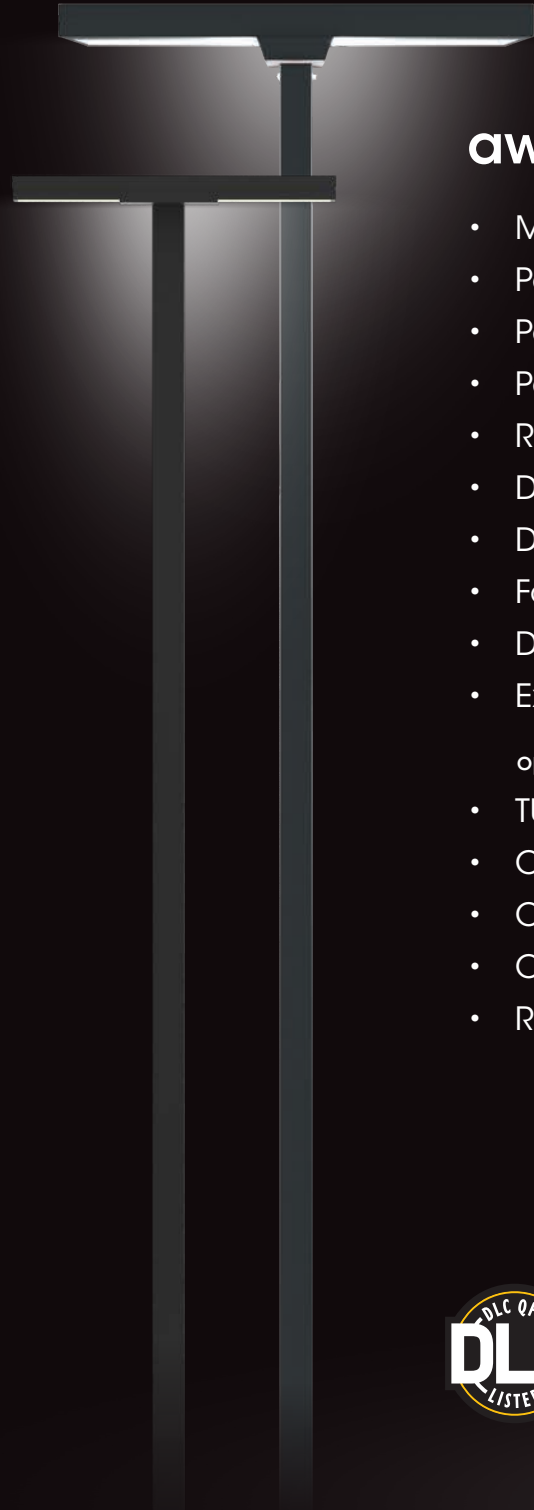
award-winning LED technology



LED Done Right®

a brilliant idea

american innovation



award-winning model T

- Modular fixtures for ultimate customization
- Patented Design
- Patent-pending glare-free optics
- Patent-pending active thermal management
- RPM™ Remote Power Module
- Dramatically reduced wind load
- Durable, long lasting automotive quality exterior finish
- Forward-looking design allows for future technology
- DLC QPL & UL Listed
- Exceptional light trespass control

optional accessories:

- TURBO™ activity based illumination output
- Custom fixture colors
- Customer logo
- Camera
- RGB multi-color light display for poles



>82 CRI + R9
5000K CCT

Operating temperature range -40° F to +131° F

Transient voltage protection

Advanced thermal management for extended life and enhanced performance

The model T® is a whole new paradigm in LED.

energybank was founded by one of the nation's top 500 inventors, Neal R. Verfuerrth, who is listed as the inventor on numerous US patents and citations in the areas of lighting, controls and daylighting technology.

Neal successfully commercialized his previous inventions in high-performance fluorescent lighting and controls, which are currently the standard in 14,000+ facilities worldwide, including one-third of the Fortune 500. Under his leadership, the company he founded in his garage in 1996 achieved annual sales exceeding \$100,000,000 in 2012.

His latest innovations, such as the model T®, ThinLine®, OmegaLight®, FUSION™ and others are being recognized by the industry's leading organizations for innovations such as active thermal management and glare-free optics.

More importantly, energybank technology has been winning accolades from those who have installed it. By delivering results that exceed expectations of what illumination can do for your *marketing* as well as controlling your costs, technology such as the model T is creating a whole new way of presenting your valuable merchandise.

That's LED Done Right®



extend your showroom

advanced illumination and controls technology
offered only with the model T

as bright outside as inside



automotive merchandising

You're spending thousands of dollars on marketing efforts to bring customers onto your lot and into your showroom.

model T custom optics target your vehicles, bringing your merchandise to life. Proper lighting requires a careful balance of general and accent illumination. The model T delivers the optimum 5:1 contrast ratio that high-end retailers strive for.

cost per thousand impressions

Your customers can miss print and television ads, skip over links on the web – but they have to keep their eyes open when driving past or onto your lot.

For less than a penny per customer impression, your lot can be as bright and inviting as your interior showroom and present your vehicles in the very best light.

- Raise brand awareness
- Enhance curb appeal
- Improve product merchandising

improve your branding and merchandising

Build your brand day and night with your logo and custom colors.

The model T features a sleek, modern design that will complement your facility.



A single model T fixture with its modular internal light arrays can replace and match or exceed the light output of your current single, dual, triple or quad lights.



A single model T shown above with four LED light arrays can replace up to (4) 1000W HID fixtures

designed to be brilliant

Every model T is custom built to deliver the most effective vehicle merchandising illumination possible for your specific application.

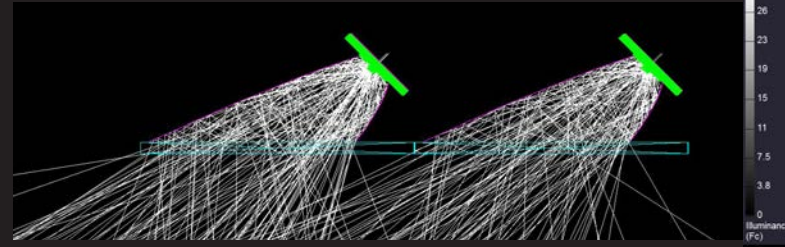
Exceptional cutoff prevents unwanted light trespass onto adjacent property

Proprietary optics enhance the visual impact of your inventory from the surrounding area.



proprietary optics & state-of-the-art control

- Proprietary optics focus more illumination on vehicles - not the pavement
- Provides maximum contrast from ambient surroundings
- Exceptional light cut-off



100% bright front line



Lower level interior line



100% bright interior line

TURBO™ = smart controls + smart strategy

Optional TURBO™ intelligent motion sensors combined with dark-to-light ambient controls create a simple and reliable way to properly illuminate your vehicles and reduce costs.

TURBO™ enhances the merchandising of your vehicles, giving them a smooth increase in illumination when a customer is actually looking at your vehicles.

proprietary active thermal management

Forced Vector Cooling®

Based on the Bernoulli Principle, our patent-pending naturally aspirated thermal flow design delivers a constant flow of cool air over model T electronic components.

Unlike traditional heavy, fin-style heat sinks that can rapidly be saturated and lose effectiveness or accumulate debris in fin crevices that cause long term losses, model T fixtures always maintain their thermal efficiency.

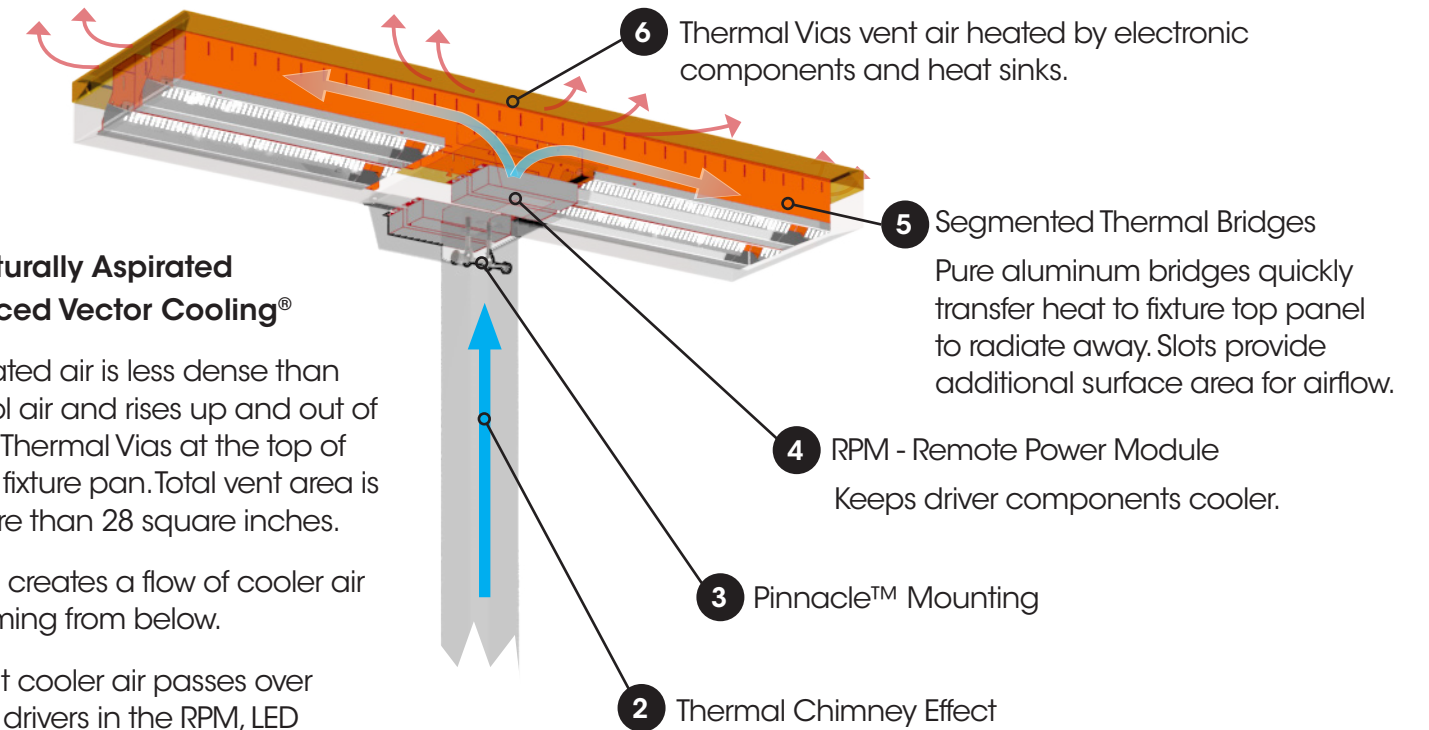
Naturally Aspirated Forced Vector Cooling®

Heated air is less dense than cool air and rises up and out of the Thermal Vias at the top of the fixture pan. Total vent area is more than 28 square inches.

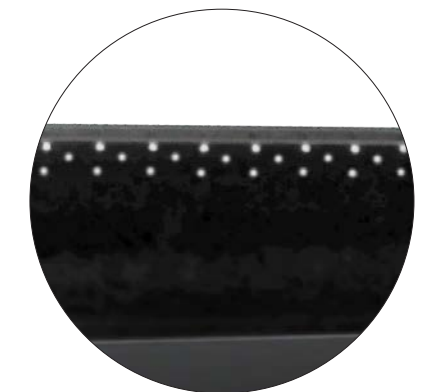
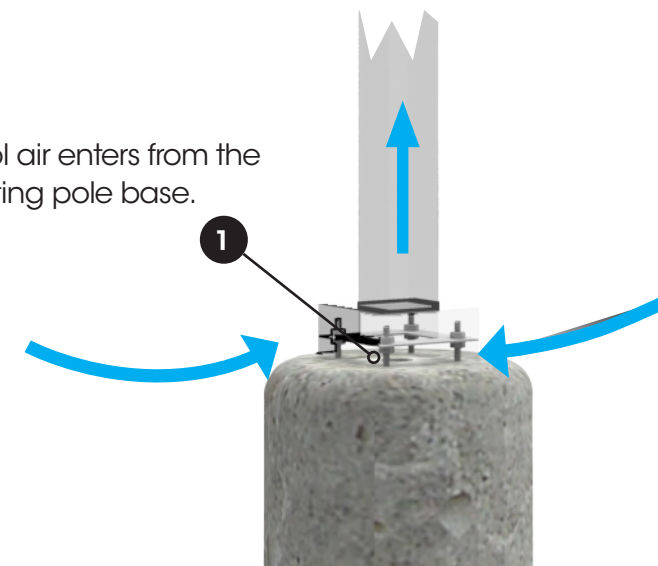
This creates a flow of cooler air coming from below.

That cooler air passes over the drivers in the RPM, LED light engines and the Thermal Bridges - keeping those components cooler.

The air exchanges a minimum of two times a minute.



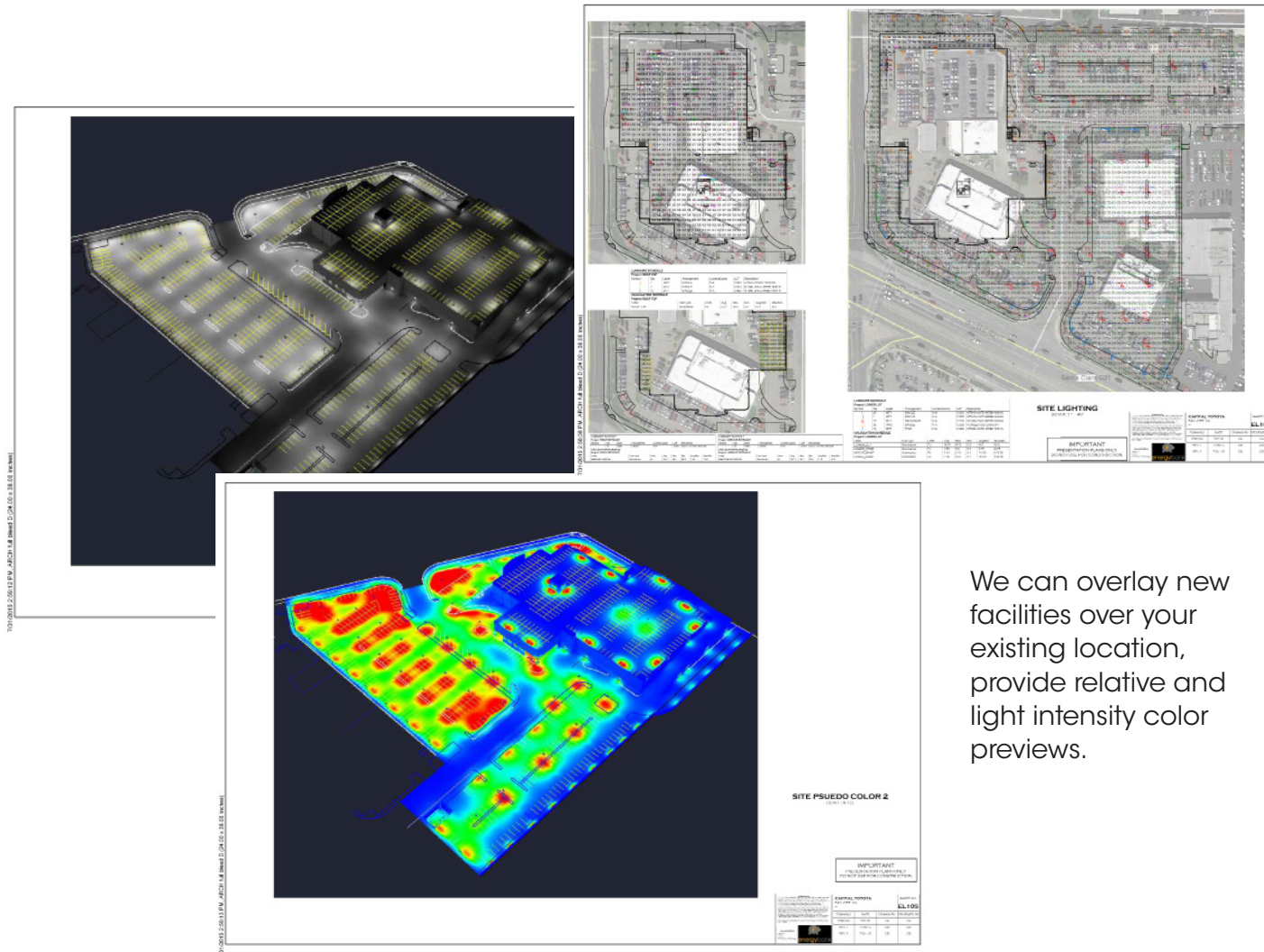
Cool air enters from the existing pole base.



Enlarged view of Thermal Vias on fixture housing

custom project design

energybank can provide detailed photometry of your project. This assures you will get the light you want where you need it.



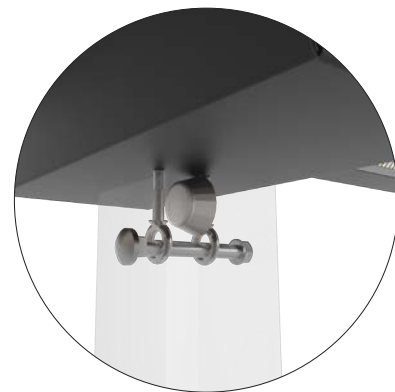
We can overlay new facilities over your existing location, provide relative and light intensity color previews.



modern manufacturing – built in the USA

model T fixtures are built in our Manitowoc, Wisconsin production facility with components from the world leaders in LED.

Fast, nimble, responsive. Today's manufacturer needs all of that and more to deliver world-class products on time to demanding customers. energybank is built from the ground up to do just that.



Close up of Pinnacle mounting system

application engineering

Pinnacle™ Mounting System

Patent-pending universal system for fast, easy, secure and unobtrusive mounting of the fixture onto your existing poles. Use on any round, square or tapered pole that is 4" to 7" in diameter/width.

Also incorporates a unique sacrificial anode to help protect pole from rust.





energybank. model T - LED Done Right®



With exceptional light cut-off and optics, the model T keeps light focused on the vehicles and not the street. This provides the contrast needed to make your valuable merchandise stand out from the surrounding environment.