



energybank. model T®

award-winning LED technology



LED Done Right®

a brilliant idea



The model T is a whole new paradigm in LED.

Neal Verfuert is one of our nations top 500 inventors with 62 patents issued and more than 80 filed in the areas of lighting, controls and daylight technology. His inventions are currently installed in 150 of the Fortune 500.

Based on timeless principles of physics, Neal's inventions are in use at over 10,000 facilities in the US and around the world.

His latest innovation in illumination technology, the model T, is being recognized by some of the industry's best minds for its innovations such as thermal management and glare-free optics.

More importantly, the model T 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, the model T is creating a whole new way of presenting your outdoor showroom.

That's LED Done Right®

built on a proven foundation

Neal Verfuert Career Highlights:

- **10,000+ facilities retrofitted**
- **150 Fortune 500 customers**
- **62 patents issued**
- **More than \$2 billion cumulative energy savings**
- Coca-Cola's Supplier of the Year
- 2-time Sysco Foods Supplier of the Year
- 3-time Wisconsin Manufacturer of the Year
- 2-time National Society of Professional Engineers (NSPE) New Product of the Year
- Platts Global Energy Award Sustainable Technology Innovation of the Year
- MIT Achievement Award
- Ernst & Young Entrepreneur of the Year
- Wisconsin Business Development Finance Corp. Innovation Award
- 2-time Governor's New Product Award - First Place
- US Green Building Council - Innovation Award
Wisconsin Chapter

We know what to do and how to do it



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**



award-winning model T

- Modular fixtures for ultimate customization
- 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
- Dark-sky compliant
- 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

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 four 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.

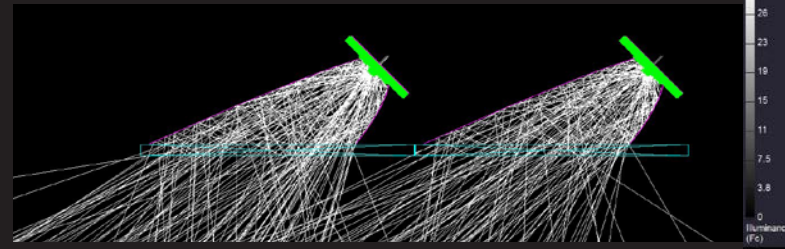
Dark-sky compliant, the model T prevents unwanted light trespass onto adjacent property.

Exceptional cutoff enhances 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
- Dark-sky compliant



100% bright front line



Lower level interior line



100% bright interior line

TURBO™ = smart controls + smart strategy

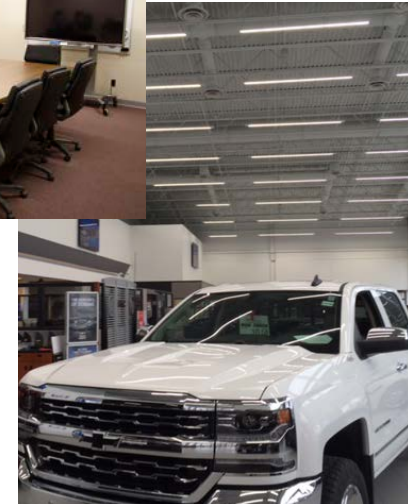
Optional TURBO™ intelligent motion sensors combined with dark-to-light ambient controls create a simple and reliable way to properly illuminate your vehicles and reduce costs.

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

suite of illumination technology

energybank has applied its experience and intellectual property to create some of the most efficient and long lasting LED fixtures available. Some applications are:

- model T® for exterior automotive merchandising
- LightSource™ high bay modular lighting for service bays
- ThinLine™ for interior office and retail showroom lighting
- Vapor Tight fixtures for wash down areas
- Task lights for critical parts assembly, bench work and inspection
- Innovative LED custom retrofit light engines for corporate mandated fixtures - either interior or exterior - to maintain branding standards



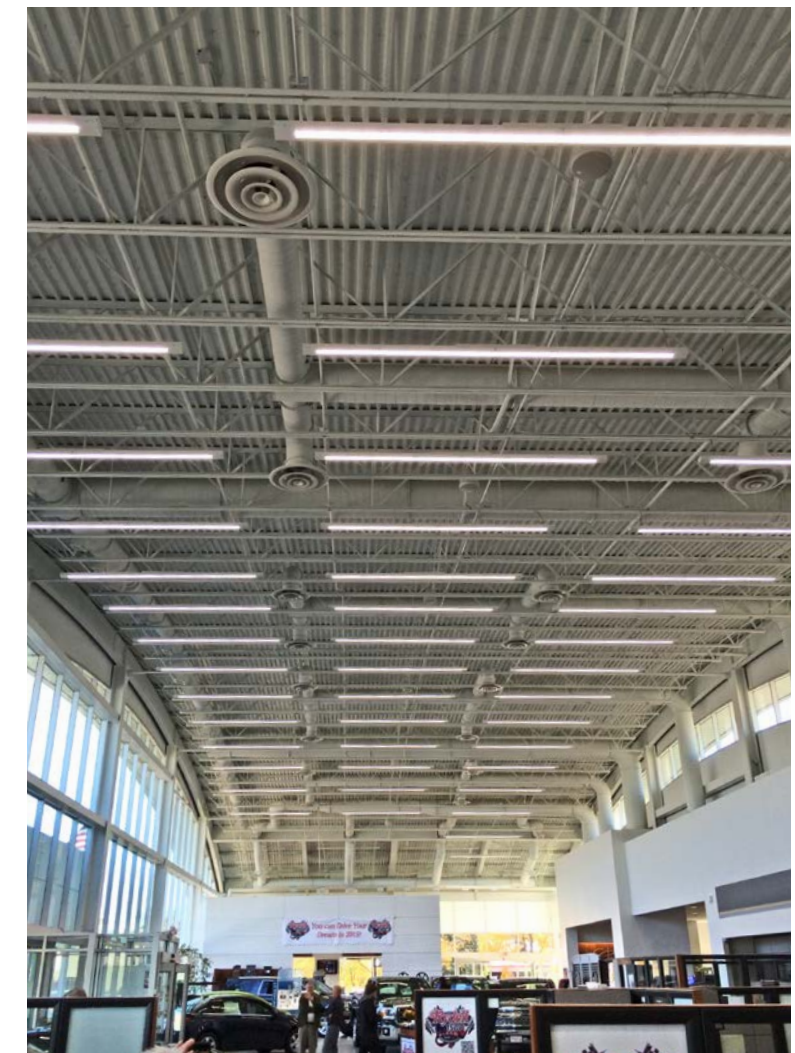
ThinLine™ office and retail lighting

Replace outdated fluorescent fixtures with a thin, modern LED fixture.



Conversion Kits

Convert old fluorescent strip lights into a 100,000 hour trouble-free LED.



LightSource™ Linear - Showroom

Sleek, modern look with 100,000 hour life, delivering exceptional illumination.

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.

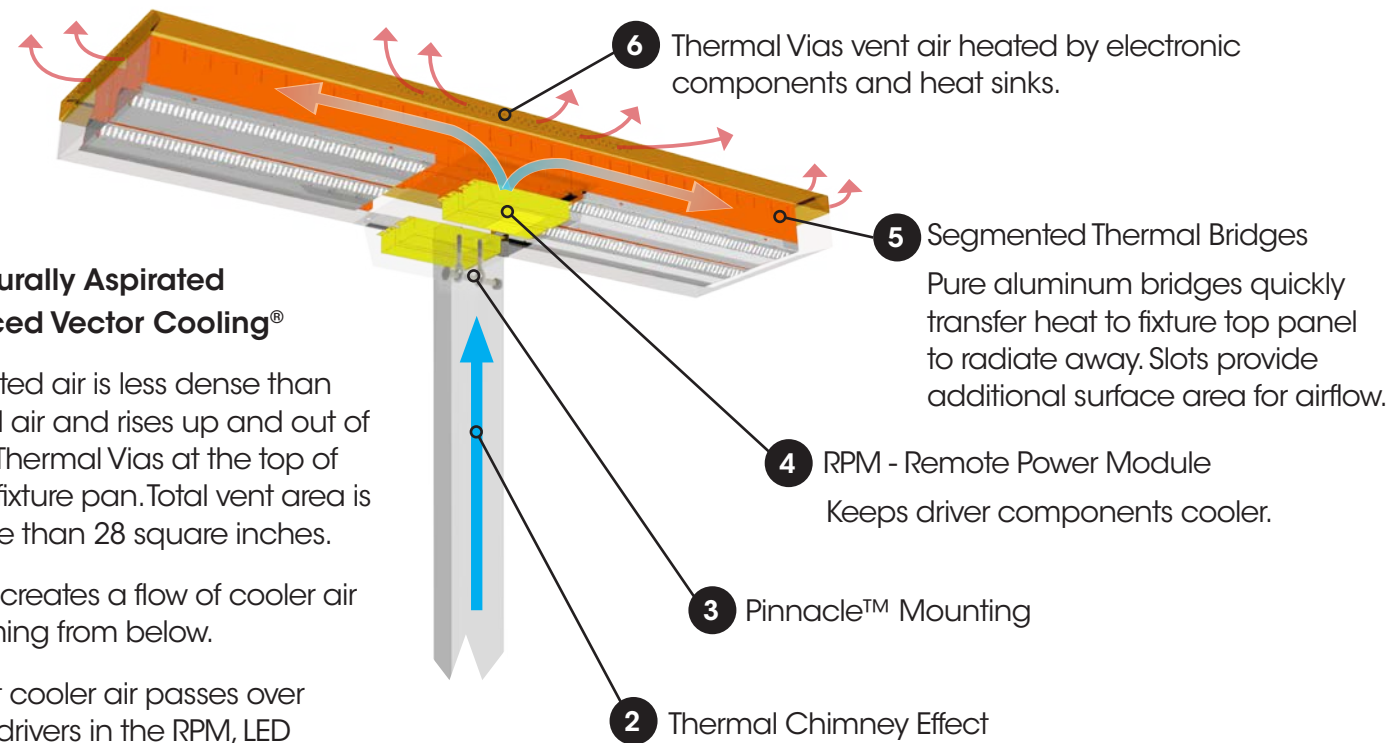
Naturally Aspirated Forced Vector Cooling®

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.

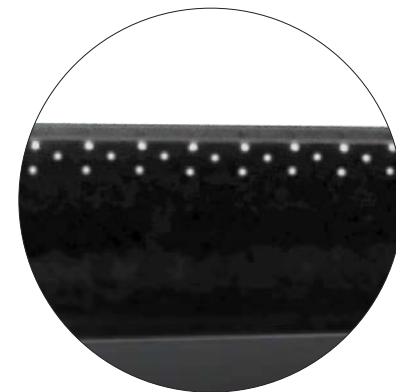
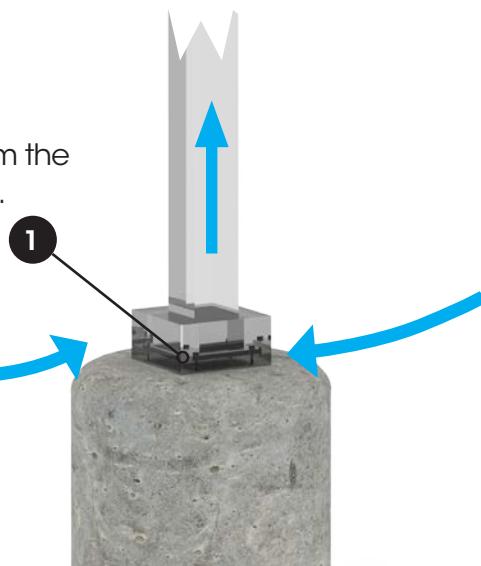
This creates a flow of cooler air coming from below.

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

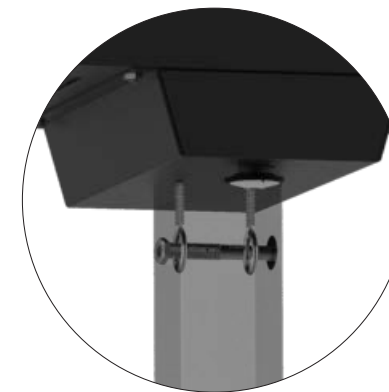
The air exchanges a minimum of two times a minute.



Cool air enters from the existing pole base.



Enlarged view of Thermal Vias on fixture housing



Close up of Pinnacle mounting system

application engineering

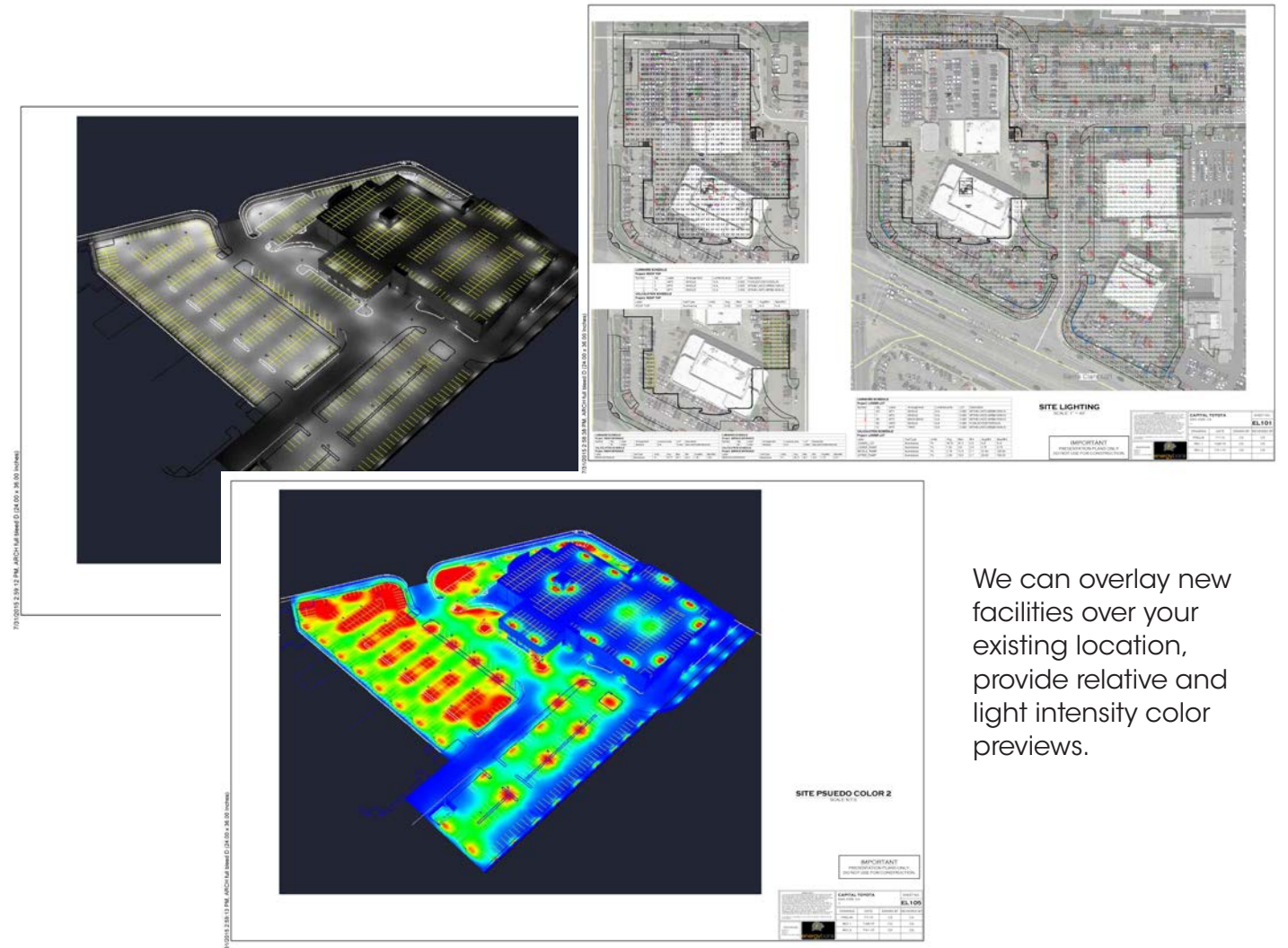
Pinnacle™ Mounting

Patent-pending universal mount for your existing poles. Used on any round, square or tapered pole that is 4" to 7" in diameter/width.

Standard slip-fitter mounts can also be used.

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.

Gandrud Automotive Group

a Rydell Company



Jeep



DODGE

The model T is dark-sky compliant
- notice the absence of irritating glare and light trespass.



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.



GANDRUD
AUTO GROUP

The model T has a sleek, modern form factor.





The vehicles outside are as brightly lit as the those inside the showroom.

Gandrud Auto Group is part of the Rydell family of dealerships.

Rydell



model T delivers outstanding color accuracy in addition to bright illumination on the vehicles.

David Hobbs Honda



Extend your brand visibility with custom logos on the model T.



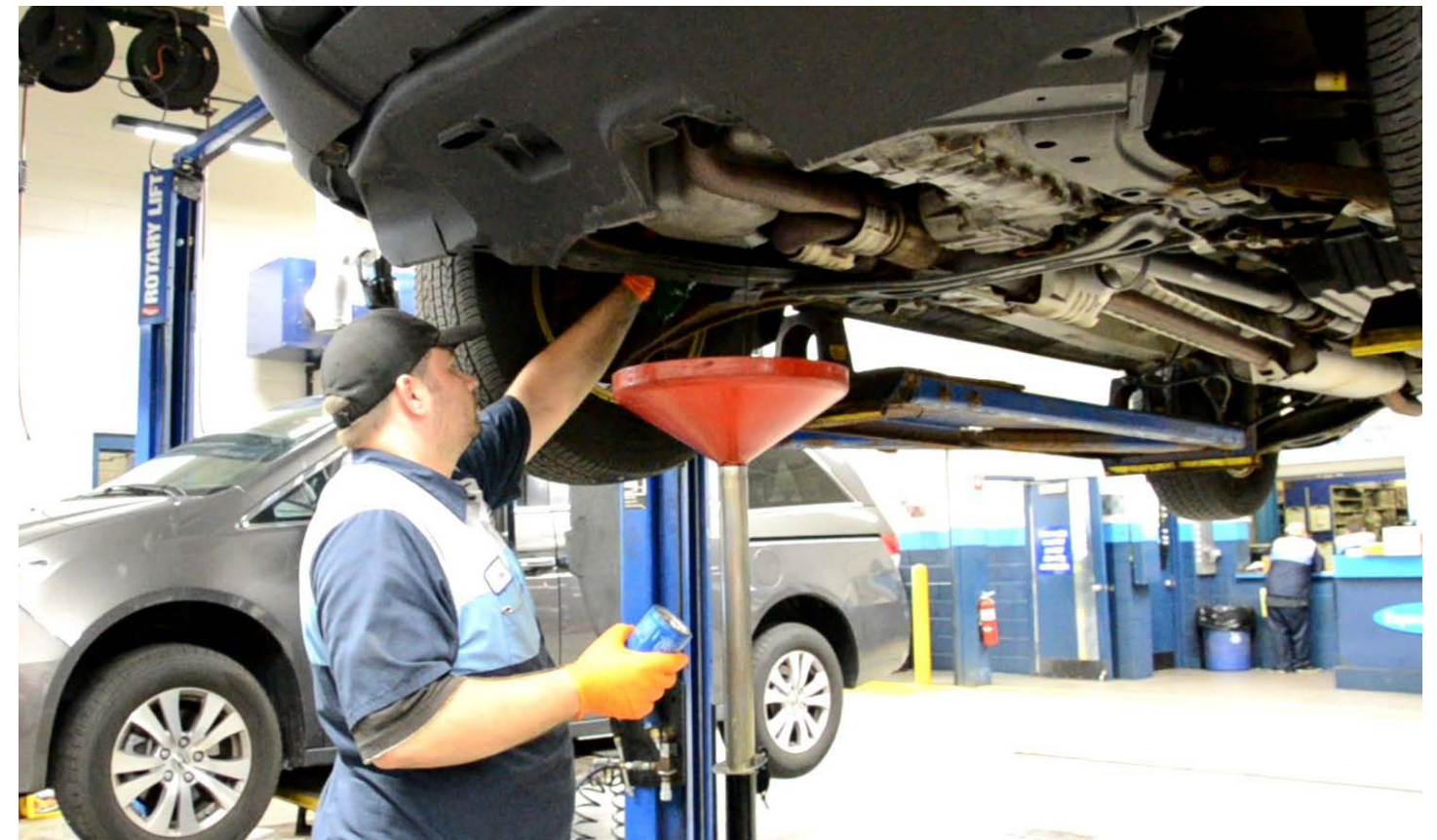
The showroom now has a modern, clean look that really shows off the colors and details of the vehicles.





Even under the hood, energybank fixtures deliver nearly 100 foot candles on the engine.

High levels of illumination and accurate color make for easier diagnostics and identification of defects.



Technicians typically no longer need supplemental lighting to do repairs, even those under the car.

Kolosso Chrysler Jeep Ram Dodge



Jeep



DODGE

KOLOSSO



The vehicles on the lot are lit as bright as those on the showroom floor.

If you don't need as much light output, the model T is available in different configurations to offers significant savings while delivering light output similar to what you have now.

Pleasing, accurate color is what guests will see when visiting your outdoor showroom.

Make your valuable merchandise dramatically stand out from their surroundings with model T.

See the brightness and color difference when you compare illumination on the lot to the surrounding areas.

Mike Burkart Ford



Create an inviting, safe space for your guests to view your vehicles.

Updated interior lighting can improve speed and accuracy in locating parts.

RGB display – a completely new way to bring life to your outdoor showroom. Using your smartphone, quickly and easily choose from millions of colors, set the timings you want (even to music) and create an exciting light show. The RGB display goes on your existing poles, no special equipment is required.

Check out our video for more details: <http://energybankinc.com/model-t-led-exterior.html>



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.





energybank. model T - LED Done Right®



www.energybankinc.com 920-682-6220

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