



**Autobahn DualOptix™**  
Performance Meets Visual Comfort

# You don't have to compromise visual comfort to cut your energy and maintenance costs



## Over a century of optical expertise teaches you a thing or two

With the advent of LED technology in roadway lighting, the debate regarding glare and visual comfort has become more and more heated. Utilities and municipalities seeking to reduce energy consumption, enhance sustainability efforts and ultimately save money have often experienced substantial complaints regarding the glare produced by many LED roadway fixtures.

American Electric Lighting® has addressed this issue with the introduction of our new DualOptix™ technology in many of our Autobahn Series products. With the DualOptix option, we incorporate over a century of roadway optics expertise into several Autobahn fixtures. This combines tremendous Autobahn performance and efficacy with a much more visually comfortable nighttime appearance.



## Autobahn DualOptix Features

- Fully luminous optical cavity for visual comfort
- Reduced high angle light for lower glare
- Max candela reduction for improved visibility
- Multiple comfortable color temperatures
- High LPW in Type II and III roadway distributions



\*Autobahn ATBM is now also available with DualOptix upon request. Contact your AEL Sales Representative for assistance with ordering.

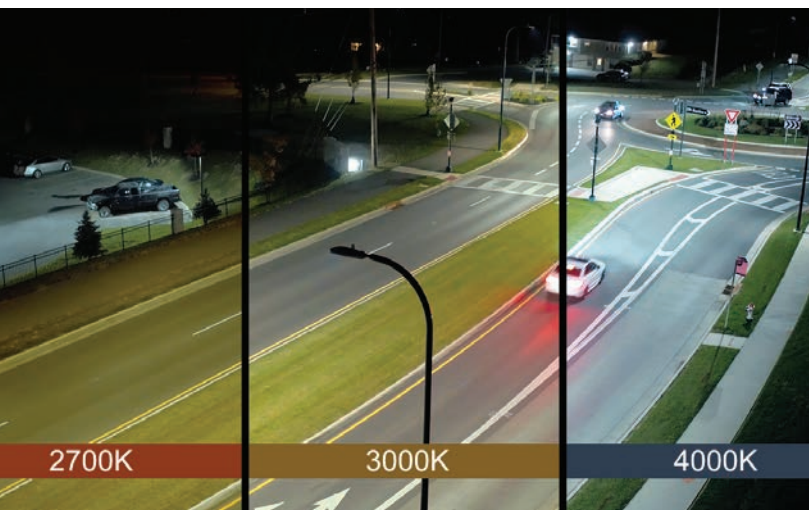


## The DualOptix difference

Most conventional LED roadway lighting fixtures utilize a single refractor component to cover the bare LED source, thereby providing a means of redirecting the light for a variety of optical distribution patterns.

This alone provides very little diffusion with light that often reaches the high angles that can create unwanted glare and visual discomfort.

Autobahn DualOptix technology combines prismatic glass optic engineering with an additional secondary acrylic refractor to further diffuse the pixelation of the LED source while redirecting the extremely high angle light downward.



## Dialing in your preference

To enhance visually comfortable roadway applications, the Autobahn DualOptix products are all available in a variety of color temperatures. Choose from 2700K, 3000K, 4000K CCT (70CRI minimum) to tailor the lighting to your specific needs.

To further "dial in" your specific lighting preferences, each Autobahn fixture can have light output adjusted in the field with the FAO adjustable lumen output module option.



## More Autobahn Value Added Design Features



-  TOOLLESS ACCESS
-  PRE-WIRED TERMINAL BLOCK
-  INTERNAL BUBBLE LEVEL
-  NETWORKED CONTROLS
-  DTL® 20-YEAR PHOTOCELL
-  20kV/10kA SURGE PROTECTION
-  DALI DRIVER OPTION
-  FIELD-ADJUSTABLE OUTPUT

For more information visit:

[www.americanelectriclighting.com/autobahn](http://www.americanelectriclighting.com/autobahn)



Warranty Five-year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)  
 Visit our website at [www.americanelectriclighting.com](http://www.americanelectriclighting.com)  
 Product specifications may change without notice. Please contact your sales representative for the latest product information.