The Autobahn Series is the best value available for efficient, reliable cobra head replacement.

For more than 60 years, the American Electric Lighting® name has been recognized for the highest quality and reliability in outdoor, utility and infrastructure lighting.

Designed to replace 70-400 watt HPS cobra heads, the virtually maintenance-free Autobahn Series uses breakthrough LEDs and precision-engineered optics to provide exceptional illumination while also saving energy – typically 60% or more.

Plus, it works seamlessly with Acuity Brands® outdoor control systems to maximize energy and maintenance savings through enhanced monitoring and control functions.

**Municipalities:** Energy efficiency and holistic longevity make it the ultimate sustainable solution for renovating legacy streetlights.

**Utilities:** Lineman-friendly features make it easy to install; its long, reliable operating life reduces the hassle of lighting grid maintenance (especially when paired with Acuity Brands smart controls).
At a Glance

70-400 watt HPS cobra head replacement solution at less than half the operating cost

ANSI C136.2 20kV/10kA surge protection option for safe reliable operation

Types 2, 3, 4, & 5 distributions to address any application

3000K, 4000K & 5000K CCT, 70CRI minimum provides options for comfortable white light

Compatible with advanced network controls solutions from Acuity Brands

High performance energy efficient solution for roadways, off-ramps, residential streets and parking lots

Over 60% more efficient than comparable HID luminaires

Long system life – 20 years of virtually maintenance-free operation can be expected

Sleek attractive dayform with weight and EPA less than comparable cobra heads

Leading-edge optics improve visibility on roadways

Designed for zero uplight to reduce light pollution

Tool-less features for simplified installation and maintenance

Engineered to operate at 40°C ambient for flexibility in application design

Typical Applications

- Municipal Streets
- Public Roadways
- Residential Areas
- Campuses
- Military Bases
- Industrial Parks
- Hotels and Resorts
- Municipal Parks
- Recreation Centers
- Auto Dealerships
- Parking Lots
Autobahn Performance
When compared to 400W HPS, the Autobahn provides outstanding uniformity with 60% or more energy savings—outshining even the best of LED competitors.

ATB2

Visualization of Applied Lumens

<table>
<thead>
<tr>
<th>Luminaire Performance</th>
<th>400W HPS Cobra head</th>
<th>Autobahn LED 40LED@1300mA</th>
<th>LED Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Spacing</td>
<td>440</td>
<td>440</td>
<td>440</td>
</tr>
<tr>
<td>Average Footcandles</td>
<td>1.1</td>
<td>0.7</td>
<td>0.6</td>
</tr>
<tr>
<td>Avg/Min</td>
<td>5.5</td>
<td>2.3</td>
<td>3</td>
</tr>
<tr>
<td>Power (Watts)</td>
<td>465</td>
<td>172</td>
<td>198</td>
</tr>
<tr>
<td>Energy Savings</td>
<td>Baseline</td>
<td><strong>63%</strong></td>
<td>57%</td>
</tr>
</tbody>
</table>

Effective Projected Area (EPA)
The EPA for the ATB2 is 0.78 sq. ft. Approx. Wt.=21 lbs. (9.53 kg)

Autobahn ATB2
- Up to 400W HPS Replacement
- 40, 60, 80 LEDs
- Types II, III, IV & V distributions
Using breakthrough LEDs and highly engineered precision optics, the Autobahn series offers extremely efficient optical distributions, multiple lumen packages and durable IP rated construction.

### ATB0

**Visualization of Applied Lumens**

- **ATB0 LED**
  - 30LED@1500mA

- **250W HPS Cobra head**

- **LED Competitor**

<table>
<thead>
<tr>
<th>Luminaire Performance</th>
<th>100W HPS Cobra head</th>
<th>Autobahn LED 10LED@1050mA</th>
<th>LED Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Spacing</td>
<td>260</td>
<td>260</td>
<td>260</td>
</tr>
<tr>
<td>Average Footcandles</td>
<td>1.3</td>
<td>1.1</td>
<td>1</td>
</tr>
<tr>
<td>Avg/Min</td>
<td>3.3</td>
<td>1.8</td>
<td>1.7</td>
</tr>
<tr>
<td>Power (Watts)</td>
<td>292</td>
<td>145</td>
<td>166</td>
</tr>
<tr>
<td>Energy Savings</td>
<td>Baseline</td>
<td><strong>50%</strong></td>
<td>43%</td>
</tr>
</tbody>
</table>

**Effective Projected Area (EPA)**

The EPA for the ATB0 is 0.76 sq. ft. Approx. Wt.=14 lbs. (6.35 kg)

**Autobahn ATB0**
- Up to 250W HPS Replacement
- 20 or 30 LEDs
- Types II, III, IV & V distributions
Value-Driven

The Autobahn family maximizes value for the customer through reliable, smart luminaire designs. These designs combine high quality materials and components with a focus on driving the overall product cost down to an affordable solution for challenging budgets.

ATB Micro (ATBMIC)

Visualization of Applied Lumens

<table>
<thead>
<tr>
<th>Luminaire</th>
<th>100W HPS Cobra head</th>
<th>Autobahn LED 10LED@1300mA</th>
<th>LED Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Spacing</td>
<td>180</td>
<td>180</td>
<td>180</td>
</tr>
<tr>
<td>Average Footcandles</td>
<td>0.7</td>
<td>0.4</td>
<td>0.4</td>
</tr>
<tr>
<td>Avg/Min</td>
<td>7</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Power (Watts)</td>
<td>115</td>
<td>37</td>
<td>71</td>
</tr>
<tr>
<td>Energy Savings</td>
<td>Baseline</td>
<td><strong>68%</strong></td>
<td>38%</td>
</tr>
</tbody>
</table>

Effective Projected Area (EPA)
The EPA for the ATB0 is 0.36 sq. ft. Approx. Wt.=8 lbs. (3.6 kg)

Autobahn ATB Micro
- Up to 100W HPS Replacement
- 10 LEDs
- Types II, III & V distributions
Utility-Friendly

Engineered with utilities in mind, AEL designs all Autobahn luminaires to be installed as quickly and safely as possible. Your time is money and the ATB family helps you optimize your schedule by reducing time on the pole or in the bucket.

Features & Options

High-efficacy discrete LED light engine with long, reliable system life

20kV/10kA “extreme” surge protection

Removable Power Door –ATB2 only

10kV/5kA “enhanced” surge protection

The industry’s best options in advanced photocontrols

DTL® DLL Elite
20-year photocontrol

Internal bubble level simplifies installation

Terminal block can be wired using only a flat blade screwdriver

Trigger latch for tool-less entry

Field-adjustable lumen output module

2-bolt mounting on ATB0 & Micro; 4-bolt on ATB2

NEMA 7-pin rotatable photocontrol receptacle
## Autobahn Control Options

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation Definition</th>
<th>Fixture Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEMA 3-Pin Photocontrol Receptacle</td>
<td>ANSI standard locking style receptacle that accepts 3-pin controls for On/Off operation</td>
<td>Default</td>
</tr>
<tr>
<td>NEMA 7-Pin Photocontrol Receptacle</td>
<td>ANSI standard locking style receptacle that accepts 3-pin, 5-pin, and 7-pin controls. The unit is provided with a 0V - 10V dimming driver with low voltage leads connected to pins 4 &amp; 5 on the receptacle.</td>
<td>P7</td>
</tr>
<tr>
<td>Dimmable Driver</td>
<td>Fixture is supplied with a 0 - 10 volt dimming driver with low voltage leads available for connection to control device provided by others (e.g. motion sensor)</td>
<td>DM</td>
</tr>
<tr>
<td>Premium Solid State Photocontrol</td>
<td>Premium Dark to Light®, DSS solid state approved locking style photocontrol with 10 year rated life and 5 year warranty</td>
<td>PCSS</td>
</tr>
<tr>
<td>Extreme Long Life Solid State Photocontrol</td>
<td>Premium Dark to Light® DLL solid state approved locking style photocontrol with 20 year rated life and 10 year warranty</td>
<td>PCLL</td>
</tr>
<tr>
<td>Field Adjustable Lumen Output</td>
<td>Onboard module that provides (8) different settings to adjust the light output and input wattage from 100% down to approximately 35% to meet site specific requirements, allowing a single fixture configuration to be flexibly applied in many different applications</td>
<td>AO</td>
</tr>
<tr>
<td>Remote Wireless Monitoring &amp; Control (On/Off/Dim)</td>
<td>The ability to monitor and control the fixture from a remote location using a wireless network. The control must be purchased separately and attached to the fixture through the photocontrol receptacle.</td>
<td>P3 (default), P7</td>
</tr>
</tbody>
</table>