



Autobahn Series ATB2, ATB0 and ATB Micro

LED Roadway Lighting





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 up to 70-1,000 watt HPS cobra heads, the virtually maintenance-free Autobahn Series uses new silicone optics which provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of; optical efficiency, thermal performance, and reduction in dirt accumulation.

Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available.

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).

Reduce
Maintenance Cost by

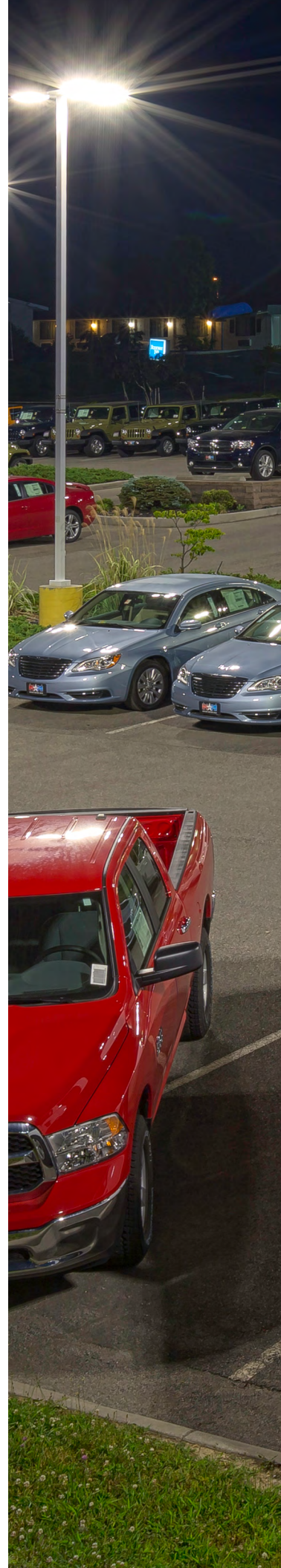
50%

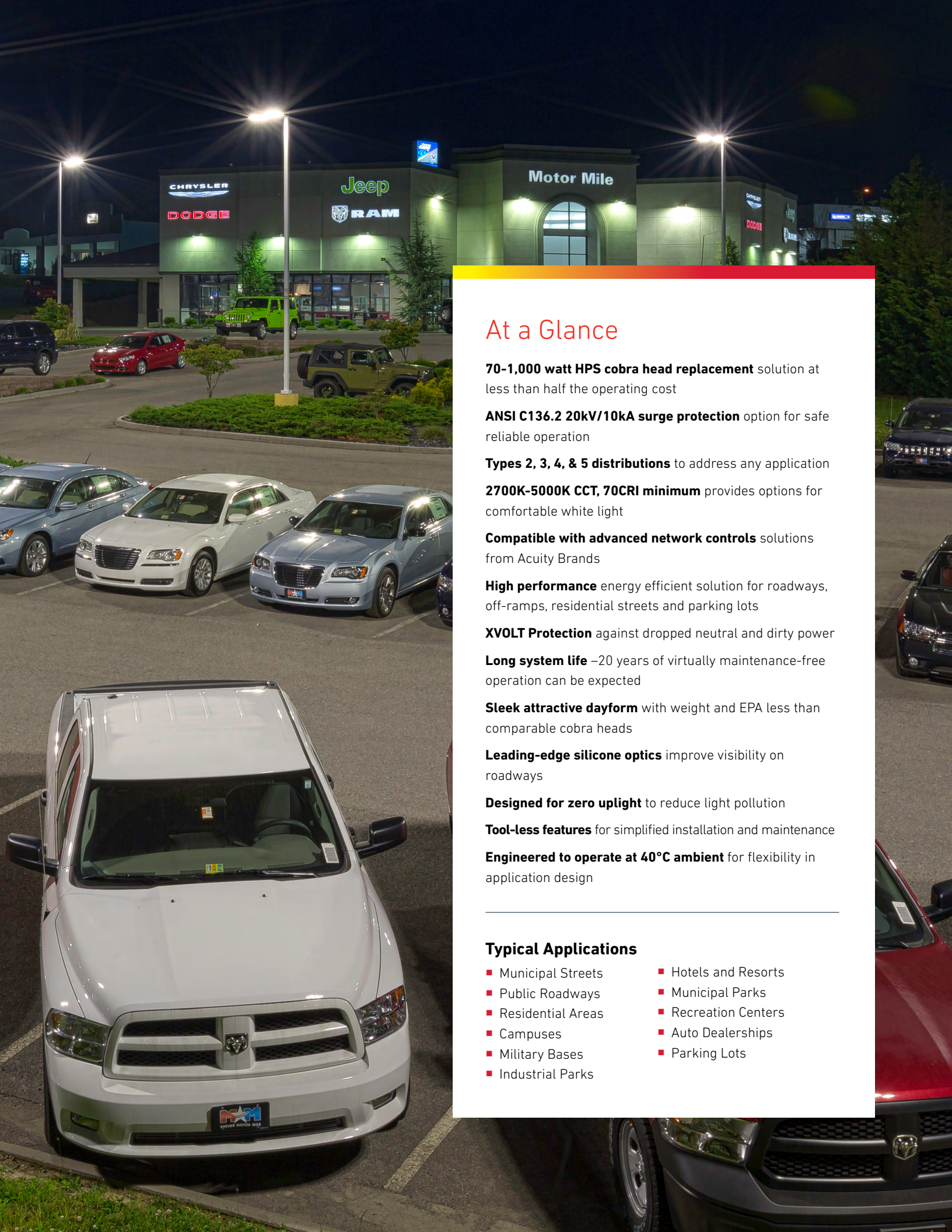
Reduce
Energy Costs up to

70%

Reduce
CO2 Emissions up to

70%





At a Glance

70-1,000 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

2700K-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

XVOLT Protection against dropped neutral and dirty power

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 silicone 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

ATB2 P602

400W HPS Cobra head

Luminaire Performance	400W HPS Cobra head	Autobahn LED ATB2 P602
Pole Spacing	180	180
Average Footcandles	1.7	1.9
Avg/Min	1.8	1.7
Power (Watts)	465	196
Energy Savings	Baseline	58%

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 1,000W HPS Replacement
 - 60 or 90 LEDs
 - Types II, III, IV & V distributions



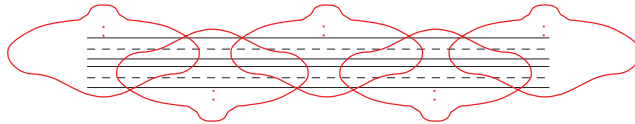
Optical Engineering

Using breakthrough LEDs and highly engineered precision optics, the Autobahn series offers extremely efficient optical distributions, multiple lumen packages and durable IP rated construction.

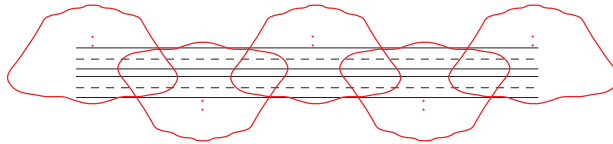
ATB0

Visualization of Applied Lumens

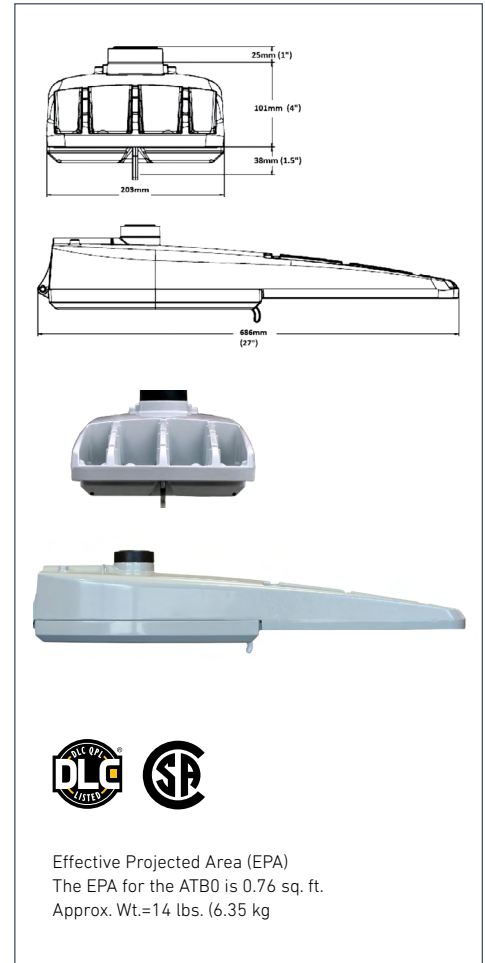
ATB0 P451



250W
HPS Cobra head



Luminaire Performance	100W HPS Cobra head	Autobahn LED ATB0 P451
Pole Spacing	260	260
Average Footcandles	1.3	1.1
Avg/Min	3.3	1.8
Power (Watts)	292	105
Energy Savings	Baseline	64%



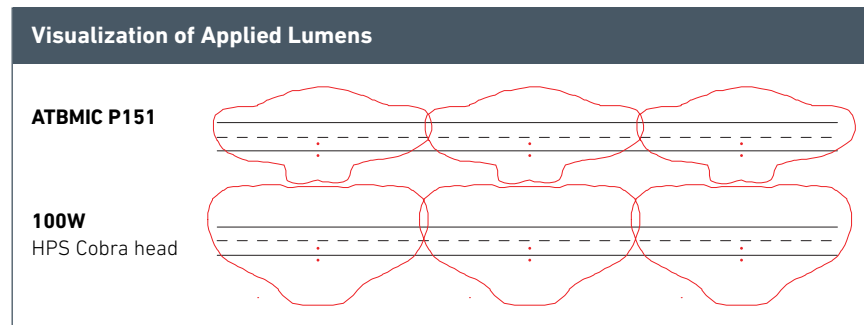
Autobahn ATB0

- Up to 400W HPS Replacement
- 20, 30, or 45 LED's
- Types II, III, IV & V distributions

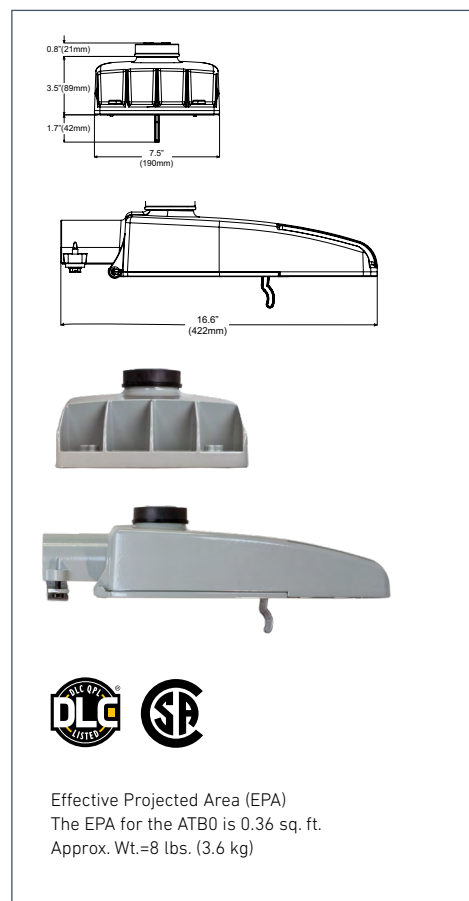
Value-Driven

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)



Luminaire Performance	100W HPS Cobra head	Autobahn LED ATBMIC P151
Pole Spacing	180	180
Average Footcandles	0.7	0.4
Avg/Min	7	4
Power (Watts)	115	30
Energy Savings	Baseline	74%



Autobahn ATB Micro

- Up to 150W HPS Replacement
- 10 or 15 LEDs
- Types II, III, IV & V distributions



Utility-Friendly

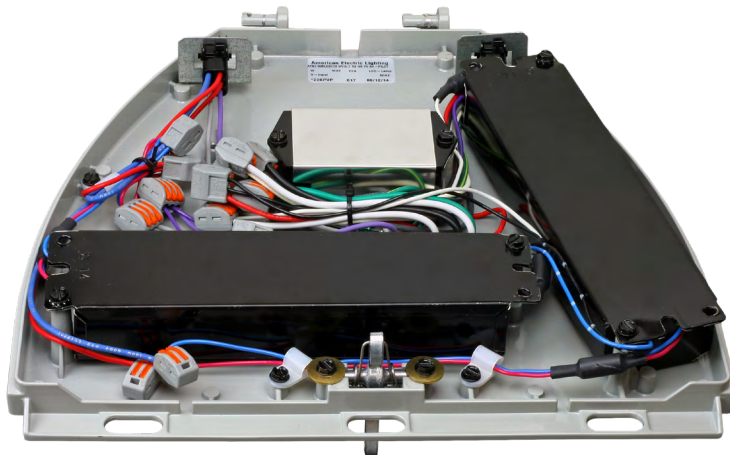
Engineered with utilities in mind, AEL designs all Autobahn luminaires to be installed as quickly and safely as possible. Your time is money and the Autobahn family helps you optimize your schedule by reducing time on the pole or in the bucket.

Features & Options

High-efficacy discrete LED light engine with precision molded silicone optics



Removable Power Door –ATB2 only



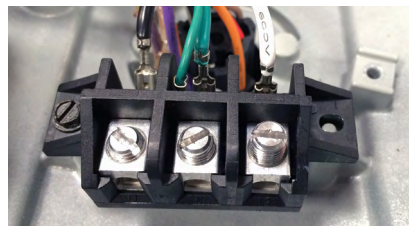
20kV/10kA “extreme” surge protection



10kV/5kA “enhanced” surge protection



Internal bubble level simplifies installation



Terminal block can be wired using only a flat blade screwdriver



Trigger latch for tool-less entry



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



Don't be left in the Dark

Get protection against dropped neutral and other power quality issues that surge protection devices can't address

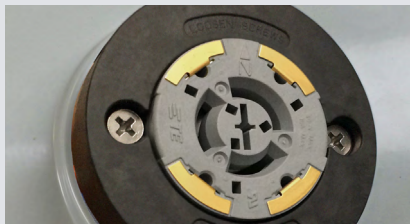
- Protection against dropped neutral and other poor power quality issues
- Protects against issues that surge protection devices cannot
- 0-10V dimming suitable with programmable output current
- 277V-480V operating range in most configurations
- 50,000+ hour rated service life

Autobahn Control Options

Feature	Operation Definition	Fixture Option
NEMA 3-Pin Photocontrol Receptacle	ANSI standard locking style receptacle that accepts 3-pin controls for On/Off operation	Default
NEMA 7-Pin Photocontrol Receptacle	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 & 5 on the receptacle.	P7
Premium Solid State Photocontrol	Premium Dark to Light®, DSS solid state approved locking style photocontrol with <u>10 year rated life</u> and <u>5 year warranty</u>	PCSS
Extreme Long Life Solid State Photocontrol	Premium Dark to Light® DLL solid state approved locking style photocontrol with <u>20 year rated life</u> and <u>10 year warranty</u>	PCLL
Field Adjustable Lumen Output	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	AO
Remote Wireless Monitoring & Control (On/Off/Dim)	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.	P3 (default), P7



DTL® DLL Elite 20-year photocell



NEMA 7-pin rotatable photocontrol receptacle



Field-adjustable lumen output module



Warranty Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
 Visit our web site at www.americanelectriclighting.com
 Product specifications may change without notice. Please contact your sales representative for the latest product information.