



XVOLT ZetaShield Driver Protection

Protect your lighting infrastructure from catastrophic failure





Imagine your site going dark in an instant with no warning

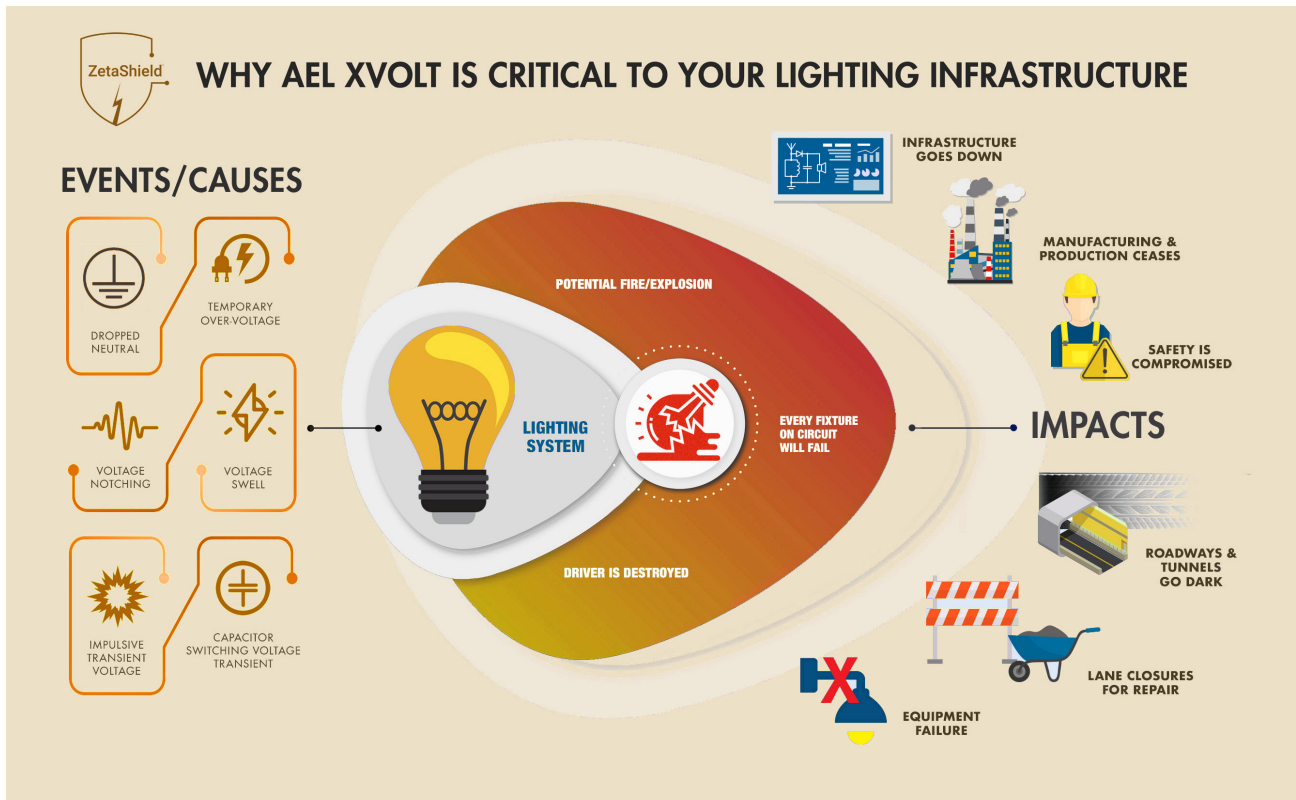
Whether your site is an industrial facility, warehouse, military base, correctional facility or even a network of roadways and tunnels, lighting is one of the most critical elements of your infrastructure.

Now imagine without warning your site lighting going dark with no quick way to recover operations.

A catastrophic failure that requires total replacement of every light fixture on the circuit.

Do we have your attention now?

Lighting infrastructures have unique configurations and aging which can introduce various power quality concerns. Such power quality issues where repeated line voltage variations, transients, notching, and dropped neutral occur can result in lighting outages. LED lighting technologies are more vulnerable to power quality issues than traditional HID lighting systems, making poor power quality an even more critical concern.



What can a dropped neutral do to my lighting system?

A wide variety of power quality issues can adversely affect your lighting infrastructure - for example, a dropped neutral. A dropped neutral can be due to wire failure, the ground wire being disconnected by mistake, or accidental damage to the wire.

On a 277V circuit, if the neutral is dropped for even a second, the result is every fixture getting hit with 480 volts. This can cause catastrophic failure resulting in destruction of the driver with potential for fire or explosion. This damage typically affects every fixture on the lighting circuit, compromising your entire system.



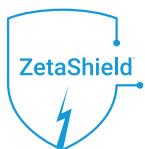
XVOLT protects you from dirty power

The AEL® XVOLT driver helps combat dropped neutrals and most other common power quality issues. Failures of a lighting system due to such issues can result in production shut-downs, road/lane closures, unplanned maintenance & repair, and a host of safety issues - all of which can cost thousands of dollars and liability claims.

Upgrading to the AEL XVOLT with ZetaShield Technology can provide the confidence of greater protection from poor power quality and help ensure longer operational life for your lighting system. Also, whenever XVOLT is selected you will benefit from the high voltage 347-480V SPD option and six unique Power Immunity Protection features that make ZetaShield a valuable option to your customer.

The XVOLT Difference

- Protection against dropped neutral and other power quality issues
- Protection against issues that surge protection devices cannot
- 0-10V dimming suitable
- Programmable output current
- 277V-480V operating range



XVOLT-enabled solutions from AEL

AEL offers a growing portfolio of both indoor and outdoor lighting solutions that are enabled with XVOLT technology. You can now protect your lighting infrastructure with XVOLT and have the peace of mind that comes with knowing your system is secure.



Roadway & Area



Autobahn ATB2



Autobahn ATB0

Floodlighting



ACP2 LED



ACP1 LED



ACP0 LED

*Not all XVOLT drivers utilize ZetaShield technology, contact your AEL representative for details on specific configurations.



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/xvolt
Product specifications may change without notice. Please contact your sales representative for the latest product information.