



The Zena Perch Preventer

Data Sheet

Description

The Zena Perch Preventer discourages birds from perching on power line structures. The Zena Perch Preventer moves birds away from unsafe and sensitive areas, effectively lowering the risks of avian electrocution, insulator and streamer flashovers, structure corrosion and bird strikes.

Benefits

- > Transmission & Distribution operators reduce outages from line flashovers and electrocutions,
- > Telecommunication operators reduce bird-related maintenance on microwave installations,
- > Airport operators reduce strike risk and improve lighting and navigation equipment reliability.

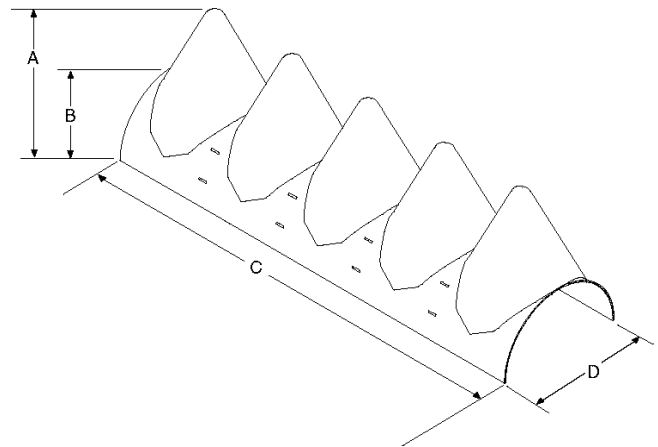
Features

Designed specifically for raptors and larger birds, the Zena Perch Preventer:

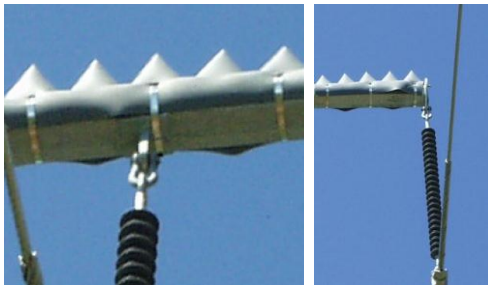
- > Discourages both perching and nesting,
- > Is bird safe and environmentally friendly,
- > Installs quickly, reducing downtime,
- > Has excellent self-washing characteristics,
- > Can protect runs of any length.

Application

The Zena Perch Preventer is shipped ready to mount on wooden, steel or fiberglass arms in minutes. The patented product is molded using proprietary high-density polyethylene that is contaminant and weather-resistant, and is fixed to the structure using stainless steel straps.



Catalog Number	Dimension (inches)				Weight (lbs)	Material
	A	B	C	D		
ZRP 3001	11½	5½	32½	10	5	Black HDPE



Satisfied Customers

Zena cones have a proven track record of reducing the risks associated with raptors and large birds around power line structures.

All utility companies investigate power outages in their efforts to deliver increased reliability and customer satisfaction. Searching for the unknown causes of some outages, Florida Power & Light (FPL) found that bird streamers, or waste, was causing transmission power line flashovers.

In collaboration with conservation and industry partners, this innovative utility began a research program to find effective ways to stop raptors and large birds from perching above insulators on transmission line structures.

Avian researchers from the Falcon Bachelor Bird of Prey Center in Miami captive-tested various bird-deterrenting devices, and found that Zena cones were the most effective of all deterrents tested.

In field tests, installing Zena cones on lines resulted in a very significant reduction in outages. The Zena Perch Preventer is now one of the standard deterrents used by many utility companies to stop streamer flashovers on their H-Frame transmission structures.



Photograph courtesy Florida Power & Light

Need a Special Design?

Not all structures are the same, so we design and build derivative products for your particular requirements.

Combining your knowledge with our engineering expertise, we can quickly create a Zena product to fit your specific application. Our product development and manufacturing techniques combine design flexibility with the benefit of low production costs.

For More Information

To learn more about how our products and services could help your organization, please contact us.

Call: (970) 663-3980 **Fax:** (970) 663-3972

Email: info@zenadesign.com

Visit: www.zenadesign.com

The **ZENA PERCH PREVENTER** comes in two styles.

The standard **ZENA** and the **ZENA FLEX**

The Zena Flex is more suitable to flat surfaces & curved surfaces such as Davit arms etc.



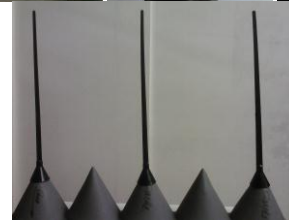
ZENA FLEX

ZRP 3002



ZENA Perch Preventer

ZRP 3001



The ZENA can also be enhanced further by attaching the Zena Spike

The Falcon Bachelor Bird of Prey Center conducts programs in ecological research, operates a bird of prey rehabilitation center and offers wildlife education encounters. The organization is committed to ensuring the future of wildlife by creating lifetime experiences to enhance public awareness concerning their environmental responsibility.

The Zena Design Group develops products for the energy, aviation and telecommunications industries to mitigate the impact of modern technology on avian species. The group focuses on the innovative research and fast-cycle development of avian safety systems. Additional information is available at www.zenadesign.com.

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