



PRAKRITIS TECHNOLOGIES

"Technology that Saves Wildlife & Nature"

Made in India · CEA Compliant ·

www.birddiverter.com

Safeguarding Our Skies.

Protecting Avian Wildlife and Securing
Critical Infrastructure with Advanced
Bird Flight Diverters.

CEA Compliant

NABL Lab Tested

Made in India

WHO WE ARE

Engineers of a Safer Coexistence.

Prakritis Technologies is a leading Indian manufacturer of Bird Flight Diverters and wildlife protection solutions for overhead transmission lines.

We specialize in designing and supplying high-visibility diverters that help prevent bird collisions while ensuring compliance with environmental and regulatory standards.

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**PRAKRITIS
TECHNOLOGIES**
"Technology that Saves
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3+

Product Lines

Test

NABL Lab Tested
Product

CEA

Certified Design

Millions of Birds Die Colliding with Power Lines Every Year.

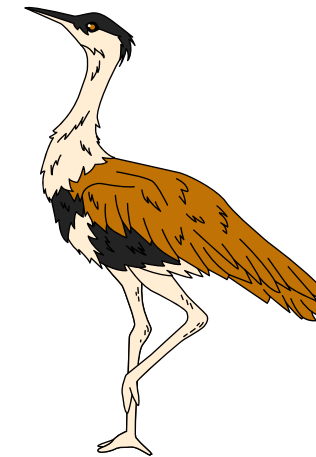


~174M

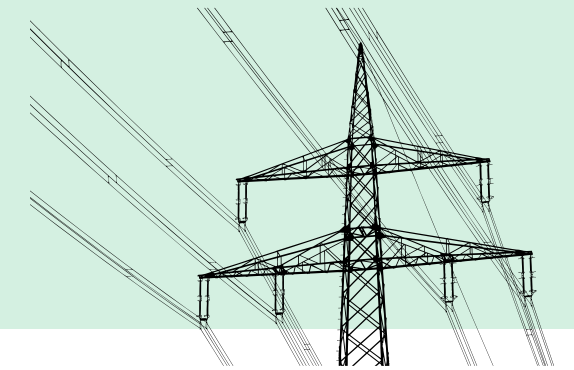
Birds killed annually
by power lines in India



~450



Great Indian Bustards
remaining — critically
endangered



Rs.100Cr+

Annual economic cost
from grid faults
& power outages

"Power line collisions are a primary cause of the Great Indian Bustard's decline -- a national conservation priority."

Making the Invisible, Visible.

01



Bright Retro-Reflective Colours

Multicolor retro-reflective stickers create high-contrast visibility from all angles — catching bird attention at speed in all light conditions.

02



360° Continuous Spinning Motion

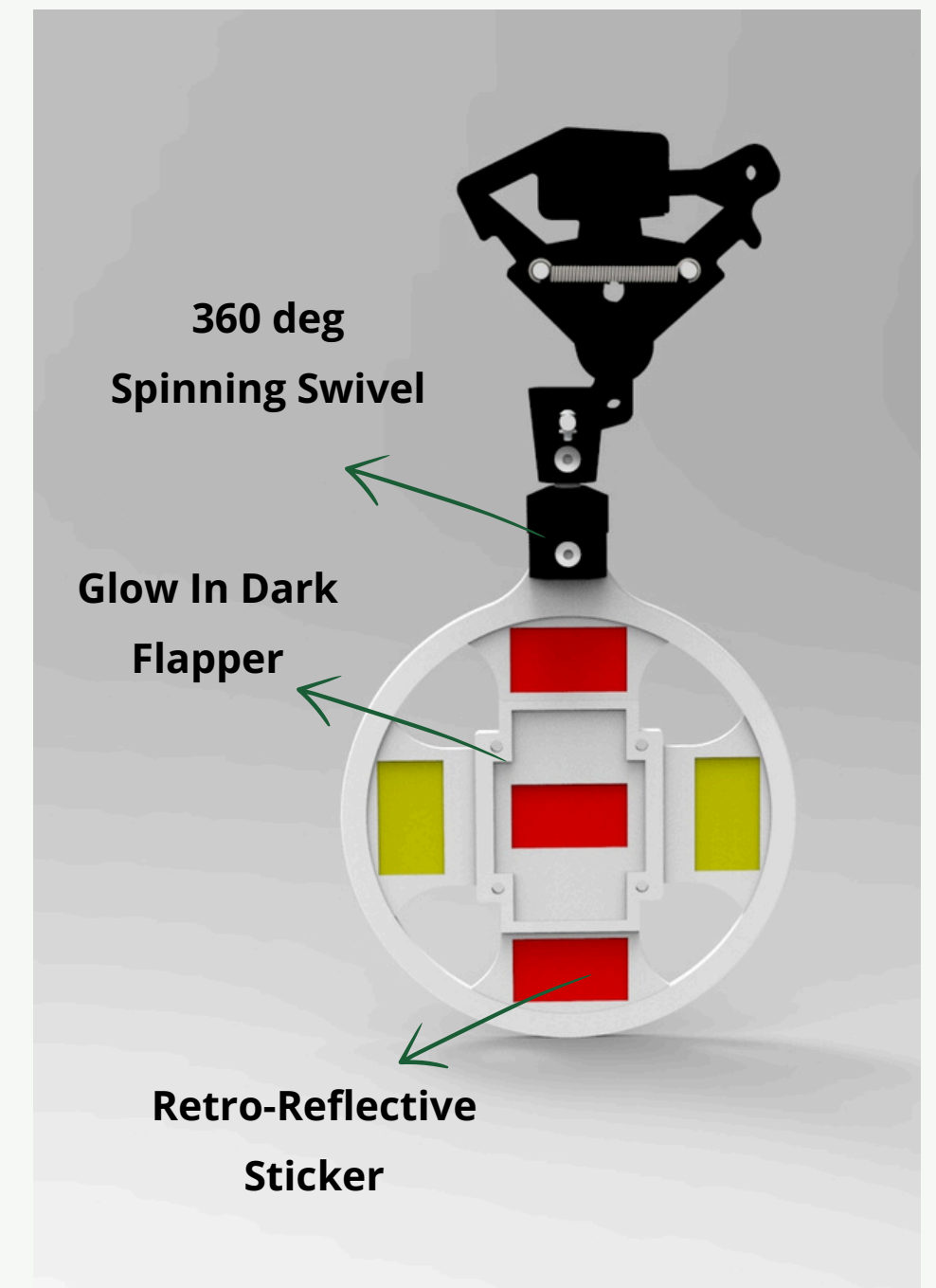
A pendulum-controlled flapper spins in the slightest breeze, creating a constant visual stimulus that warns birds away from power lines.

03



Glow-in-the-Dark Night Protection

Phosphorescent panels emit a soft glow at dawn, dusk, and nighttime — covering the most dangerous collision windows for migrating birds.



A Solution for Every Environment.



Non-LED Marker

PASSIVE

PLM / NLD-V1

Eco-friendly, battery-free visibility for daytime & low-light protection.

- Glow-in-the-dark flapper
- 360° rotation + pendulum swing
- Retro-reflective multicolour stickers
- CEA design compliant
- < 350g · 180mm dia · 330mm height

A Solution for Every Environment.

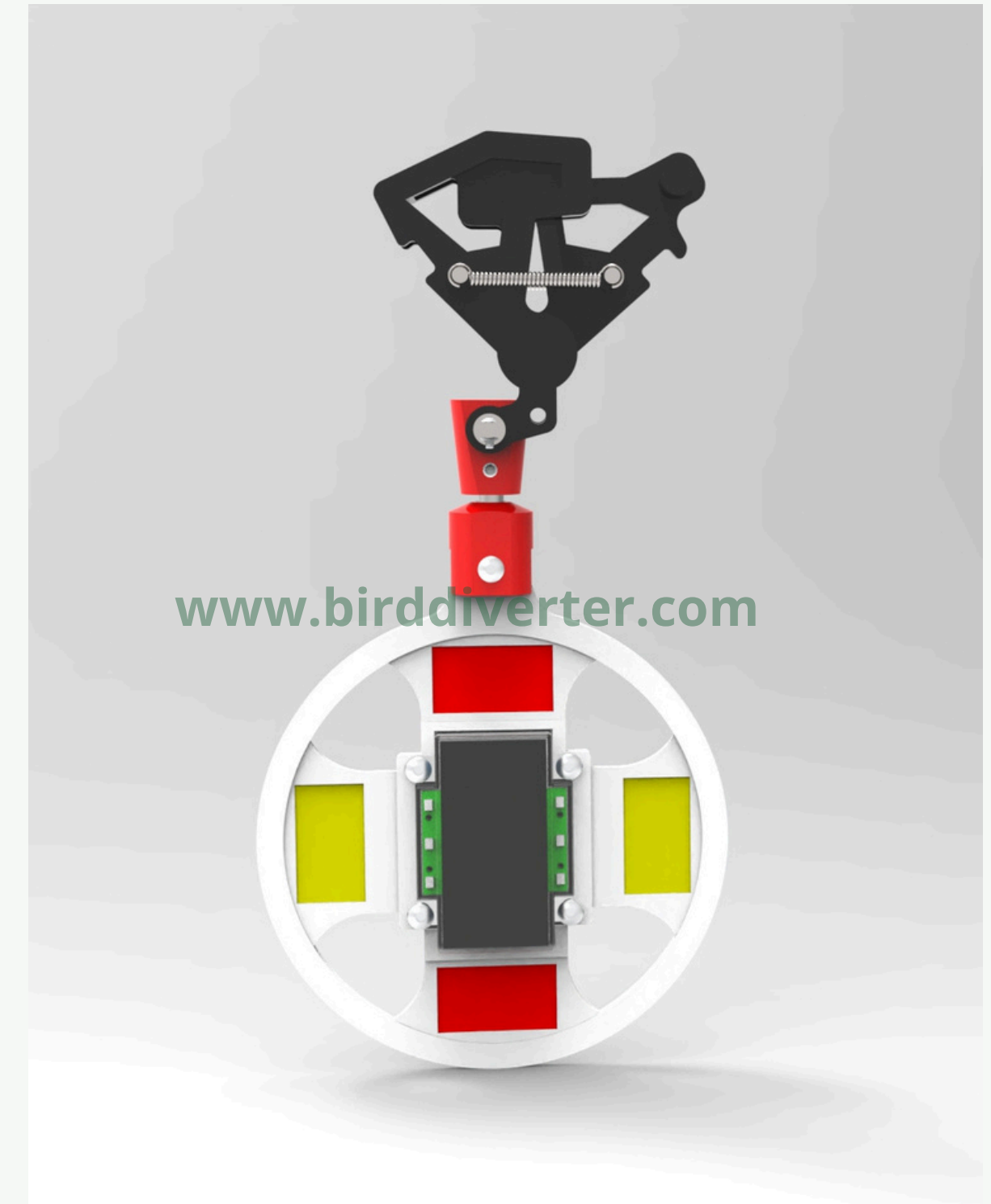
Blinking LED Marker

ACTIVE

PLM / LD-V1

Active illumination for maximum protection at night, dawn, dusk, and fog.

- 6 high-intensity LEDs per face
- Auto-cutoff in daylight
- 100+ hr battery · solar-charged
- Weather-resistant electronics
- < 500g · 180mm dia · 330mm height



A Solution for Every Environment.



Aerospin Diverter

DYNAMIC

NEW MODEL

360° dynamic motion creating an unavoidable visual cue for birds in flight.

- Spins in the slightest breeze
- High-contrast red & white flappers
- Reflective yellow panels
- Glow-in-the-dark enhanced
- Ultra-dynamic continuous motion

SPECIFICATIONS

Engineered for the Field.

Every Prakritis diverter is designed and tested to CEA Guidelines and performs reliably in India's harshest conditions.



Designed & Tested per CEA
Guidelines

www.birddiverter.com



**-20°C to
+100°C**

Operating Temp.



**5mm –
38mm Ø**

Clamp Fit



180 mm

Flapper Dia.



330 mm

Height



< 350 g

Weight (Non-LED)



< 500 g

Weight (LED)



+5,500 mm²

Retro Area



**+12,000
mm²**

Glow Area

Universal Application Across Critical Infrastructure.



Power Transmission Lines

Preventing grid faults and protecting overhead conductors from avian collision damage.



Wind & Solar Farms

Safeguarding renewable energy cables, guy wires, and turbine zones from bird strikes.



Telecommunication Towers

Marking cables and guy-wires on telecom masts to prevent bird strikes in urban & rural areas.



Aviation & Airports

Reducing bird-strike risks near runways and instrument landing paths where birds congregate.



Wildlife Protection Projects

Directly supporting conservation of the critically endangered Great Indian Bustard.



Industrial Infrastructure

Any overhead structure requiring compliant, low-maintenance bird collision mitigation devices.

WHY CHOOSE PRAKRITIS

Built for Reliability. Backed by Testing.

**5yr
warranty**

**15yrs
Service Life**

**NABL
Tested**

Design and Manufacture in india

www.birddiverter.com



CEA Certified Design

Every product designed and tested to Central Electricity Authority standards.



Made From Durable Polymer

Durable, weather-resistant build supporting your environmental commitments.



Universal Clamp — 5–38mm

Single clamp fits all wire sizes, simplifying procurement and field installation.



24/7 All-Hours Protection

Retro, glow, and LED options ensure coverage at dawn, dusk, night, and in fog.

PRAKRITIS TECHNOLOGIES

"Technology that Saves
Wildlife & Nature"

Safeguard your assets and our skies.

"Technology that Saves Wildlife & Nature"

Get in Touch



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