

AIRPLANE



Product Features

- High-Quality Pole Construction:**The main pole is crafted from Q235 high-quality steel, formed into a tapered pole using advanced bending machines, ensuring strength and stability.
Pole thickness: **3.5mm**, designed to withstand harsh weather conditions and heavy loads.
- Superior Welding and Finishing:**Welds are smooth and free of visible defects such as undercuts, slag inclusions, or pores, ensuring structural integrity and a clean appearance.
The pole undergoes **hot-dip galvanization** with a zinc layer of at least **86µm** thickness for corrosion resistance. The surface is finished with **plastic spraying**, which provides a bright and visually appealing color while enhancing durability.
- Durable and Weatherproof Lamp Design:**The lamp housing is made of **high-quality aluminum die casting** and **high-purity aluminum**, offering excellent heat dissipation and structural strength. It Features a **tempered glass lampshade** for impact resistance and protection against external elements.
IP65 protection rating ensures resistance to dust and water, making it suitable for outdoor use.
- Efficient Electrical Compartment:**The electrical compartment can be accessed using **special tools**, ensuring safety and security during maintenance.
- Hybrid Power System:**Combines **wind power generation** with **solar energy**, making it highly sustainable and ideal for areas with both sunlight and wind resources.

Benefits:

- Durability:**Built with robust materials and advanced finishing techniques for long-term performance, even in extreme outdoor conditions.
- Eco-Friendly and Sustainable:**Operates on renewable energy (wind and solar), reducing reliance on traditional grid power and lowering carbon emissions.
- Weather Resistance:**IP65-rated lamps and galvanized poles ensure excellent protection against rain, dust, and corrosion.
- Low Maintenance:**Specially designed compartments and durable construction reduce the need for frequent repairs or replacements.
- Versatility:**Suitable for a variety of applications, including highways, rural roads, parks, and remote areas where hybrid energy sources are most effective.