

# ***KAIYU***



# Quality Assurance

**2025**

# Quality Assurance of Dongguan Kaiyu Photoelectric Technology Co., Ltd.

## 1. Introduction

At Dongguan Kaiyu Photoelectric Technology Co., Ltd., we are committed to providing high-quality lighting products that meet and exceed customer expectations. Our Quality Assurance (QA) processes are designed to ensure that every bulb manufactured in our facility adheres to strict quality standards, industry regulations, and customer requirements.

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## 2. Quality Management Objectives

- ✓ To consistently produce bulbs that meet defined specifications and performance criteria.
  - ✓ To minimize defects and ensure product reliability.
  - ✓ To comply with international standards (e.g., ISO 9001, RoHS, UL, CE, etc.).
  - ✓ To continuously improve our processes and products through feedback and innovation.
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## 3. Quality Management System (QMS)

We have implemented a comprehensive Quality Management System (QMS) that covers all stages of production, from raw material sourcing to final product delivery. Our QMS includes:

- ✓ **Documented Procedures:** Clear guidelines for each step of the manufacturing process.
- ✓ **Regular Audits:** Internal and external audits to ensure compliance with quality standards.
- ✓ **Training Programs:** Ongoing training for employees to maintain high-quality workmanship.
- ✓ **Corrective Actions:** Processes to identify, address, and prevent quality issues.

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## 4. Key Quality Management Processes

### 4.1 Raw Material Inspection

- ✓ All incoming materials (e.g., glass, filaments, bases, etc.) are inspected for quality and compliance with specifications.
- ✓ Suppliers are pre-qualified and regularly evaluated to ensure consistent material quality.

### 4.2 In-Process Quality Control

- ✓ During production, bulbs undergo multiple checkpoints to ensure they meet dimensional, electrical, and performance standards.
- ✓ Advanced testing equipment is used to verify parameters such as voltage, wattage, and lumens.
- ✓ Visual inspections are conducted to identify any physical defects (e.g., cracks, excessively long copper wires, etc.).

### 4.3 Final Product Testing

- ✓ Every batch of finished bulbs is subjected to rigorous testing, including:
  - **Lifetime Testing:** Simulating long-term usage to ensure durability.
  - **Performance Testing:** Verifying brightness, color temperature, and energy efficiency.
  - **Safety Testing:** Ensuring compliance with electrical safety standards.
- ✓ Only products that pass all tests are approved for packaging and shipment.

### 4.4 Packaging and Shipping Inspection

- ✓ Packaging is inspected to ensure it protects the bulbs during transit.
- ✓ A final check is performed to confirm the correct product type, quantity, and labeling.

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## 5. Continuous Improvement

- ✓ We regularly analyze production data and customer feedback to identify areas for improvement.
- ✓ Our QA team collaborates with R&D and production departments to implement innovative solutions and enhance product quality.

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## 6. Compliance and Certifications

Our factory and products comply with the following standards and certifications:

- ✓ **ISO 9001:** Quality Management System certification.
  - ✓ **RoHS:** Restriction of Hazardous Substances compliance.
  - ✓ **UL & CE Marking:** Compliance with U.S. and European safety standards.
  - ✓ Other relevant certifications as required by our customers or markets.
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## 7. Customer Satisfaction

We value our customers' trust and strive to deliver products that meet their needs. If any quality issues arise, we have a dedicated customer support team to address concerns promptly and provide effective solutions.

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## 8. Conclusion

At Dongguan Kaiyu Photoelectric Technology Co., Ltd., quality is at the core of everything we do. Our comprehensive quality management processes ensure that every bulb we produce is reliable, efficient, and safe. We are committed to maintaining the highest standards and continuously improving to meet the evolving needs of our customers.

# KAIYU

QUALITY FIRST  
CUSTOMER-CENTRIC

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