

■ PAPI-LED

■ LED Precision Approach Path Indicator (PAPI)

Compliance with Standards

CAAC: AC-137-CA-2015-07

ICAO: Annex 14, Volume 1

ICAO: Aerodrome design manual, part 4 & 6 FAA:

AC 150/5345-28

NATO: STANAG 3316

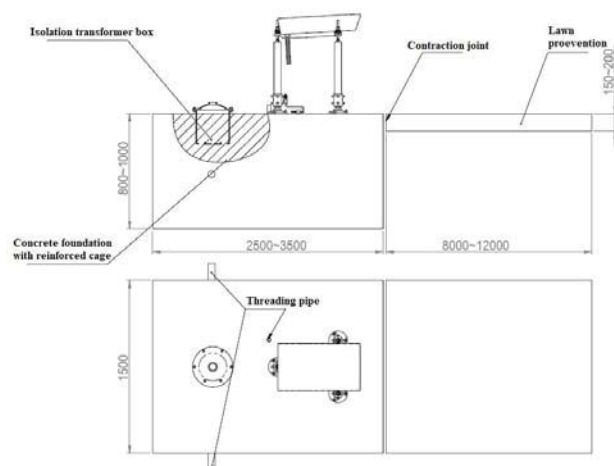
Application/Use

Precision Approach Path Indicator

Features

- Light distribution and beam color shall meet the requirements of ICAO annex 14;
- Excellent optical system design, red and white transition performance of LED PAPI is superior with straight transition line;
- Self-position design of optical parts, replacement of LED light source without recalibration;
- Power consumption of LED light source is only 1 / 3 of that of halogen PAPI;
- Front glass is embedded with electric heating wire, which can eliminate condensation without affecting the lighting effect;
- Intelligent electrical control system can automatically turn off the light in case of abnormal conditions;
- Each light fitting is equipped with a 4-digit LED digital tube to display the elevation angle of the light fitting with high precision;
- The unit controller achieves one key operation, easy to operate and master;
- The control board is set with "operation mode" and "flight calibration mode" for more convenient use;
- The system is more reliable and safer with open circuit monitoring function;
- The data of LED PAPI system can be uploaded to the monitoring system directly with matched communication module;
- Compact overall structure with small windward area and strong wind resistance;
- The main body of the light fitting is made of corrosion-resistant aluminum alloy with anti-corrosion surface treatment. All fasteners are made of stainless steel, suitable for various harsh environments;
- The aluminum alloy leg is easy to fold, which meets the requirements of FAA after precision machining, with stable and reliable performance;
- IP65-grade ingress protection of the fixture, which could keep interior from dust;
- Three leg type horizontal support and height adjustment structure, convenient and accurate on-site installation and adjustment;
- Equipped with independent level in horizontal and longitudinal direction for convenient installation and maintenance;

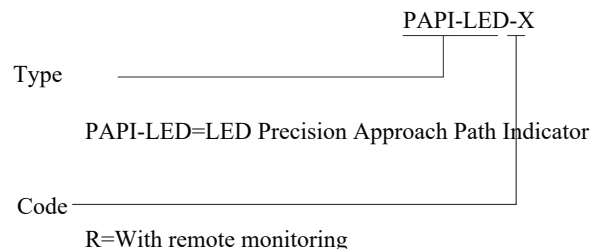
Installation



*For detailed installation information, please refer to the product manual



Ordering Information

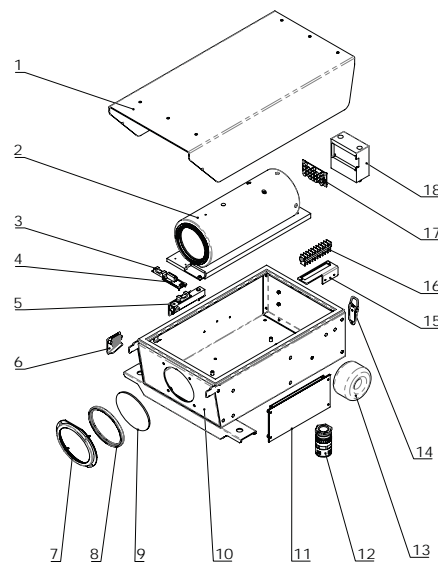


Power supply: 1*100W/6.6A isolation transformer

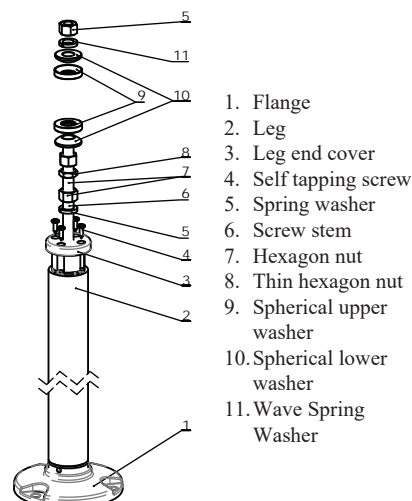
Install under the lamp or at a separate location.

* When ordering, please specify the installation method and height of the lamp. Spare parts and accessories shall be ordered separately and the order number shall be provided

Structure

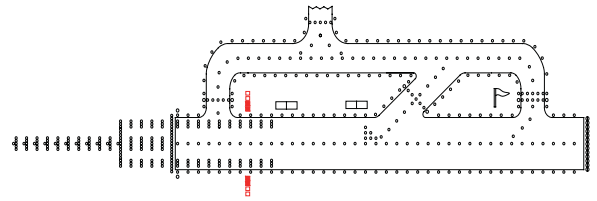


1. Upper cover assy
2. Optical lens
3. Horizontal indicator
4. Digital display board
5. Longitudinal level module
6. Refrigeration module
7. Sealing ring
8. Glass sealing ring
9. Front glass
10. Box
11. Driver
12. Hose connector
13. Transformer
14. Hasp
15. Bracket
16. Terminal block
17. LED light source assy
18. Light source holder



■ PAPI-LED

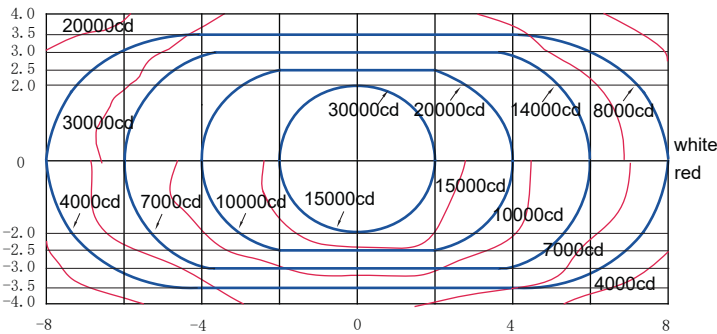
■ LED Precision Approach Path Indicator (PAPI)



Light Source Configuration

Light source: LED light source

Photometric Data



Light intensity distribution of PAPI, ICAO figure A2-23, FAA L-880/L-881

Spare Parts

Box

No.	Name	Ordering No.	Description
24	Front glass	31149	Front glass Ø127(HAN)
18	Light source assy.	979247	With Lens and mounting base
26	Horizontal indicator	ZJ4-481410C	Horizontal indicator
27	Digital display board	7911L	
29	Driver	7911D	Elevated light fitting-PCB board assy.-LED PAPI
31	Transformer	7912S	Toroidal transformer

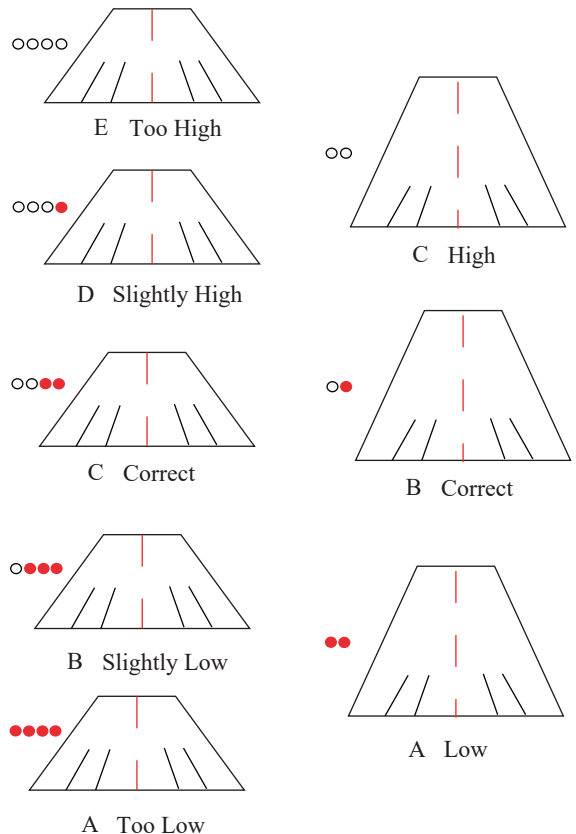
Leg assy

No.	Name	Ordering No.	Description
1	Flange	276A1	Flange 240(G2-H35)
2	Leg	46322	Leg (rear)

Accessories

No.	Ordering No.	Description
1	ITF-100-066	100W isolation transformer
2	TJB-12	Isolation transformer box

Instructions



* All rights reserved, subject to modifications

Packing Data

1×LED PAPI unit Dimension: 840×550×270 mm³
 Net weight: 30.0 kg Gross weight: 31.0 kg
 12×legs + 12×Flange plates Dimension: 840×550×270 mm³
 Net weight: 28.2 kg Gross weight: 28.5 kg

Dimensions

