



Compliance with Standards

ICAO: Annex 14, Volume 1
FAA: AC 150/5345-28

Application/Use

Precision Approach Path Indicator

Features

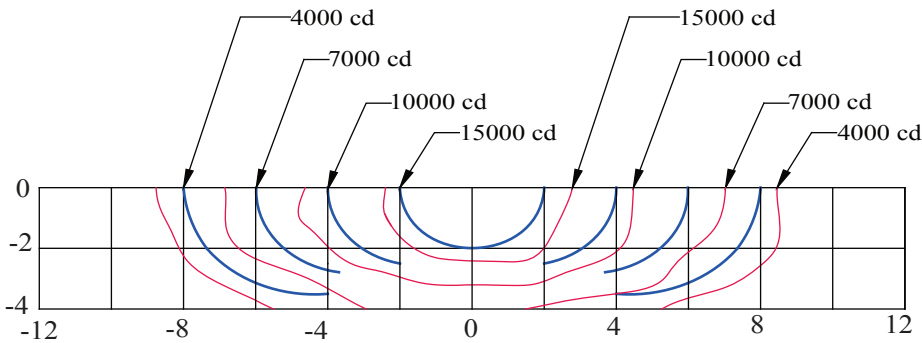
- Meet ICAO Annex 14 and FAA requirement on brightness and color coordinate; dual-lens structure to obtain a narrower and straight red to white transition region.
- Intelligent electrical control system force PAPI system turn off automatically when the failures of FAA and ICAO happen, and turn on the control system alarm due to the CCR under voltage.
- LED digital tube on each fixture, display the elevation angle in real-time, resolution of ± 0.01 (0.6 cent), the range of angle reach over 9.99 of vertical.
- One step operate unit control box and display usual information remind on the panel, simple operation and easy to understand.
- Compatible of operation mode and fly correction mode are more convenience to use.
- Self checking system ensures the reliable and safety of system.
- 3*105W reflective lamps reach the half energy saving than traditional PAPI.
- Set with communication module (purchase separately), easy to upload system data to the control system through PAPI conversion plate, PAPI gateway and CAN.
- Triple leg vertical adjustment reaches both rough and meticulous adjustments of height, convenience and accurate install and adjust in real-time.
- Unique system design of dual-lens structure and three individual light ways, accurately lamps and filters positioning device (optical and mechanical), no need to correct position again when change the lamps and filters.
- Aluminum alloy material for light body, special processing on surface, all fasteners use high quality stainless steel material; make fixture ethereal, strong and good anticorrosion property.
- Smaller volume for the light body, smaller wind-facing area and wind load reach 161km/h.
- Frangible coupling pass the precision machining and FAA standard, stable and reliable.

Ordering Information

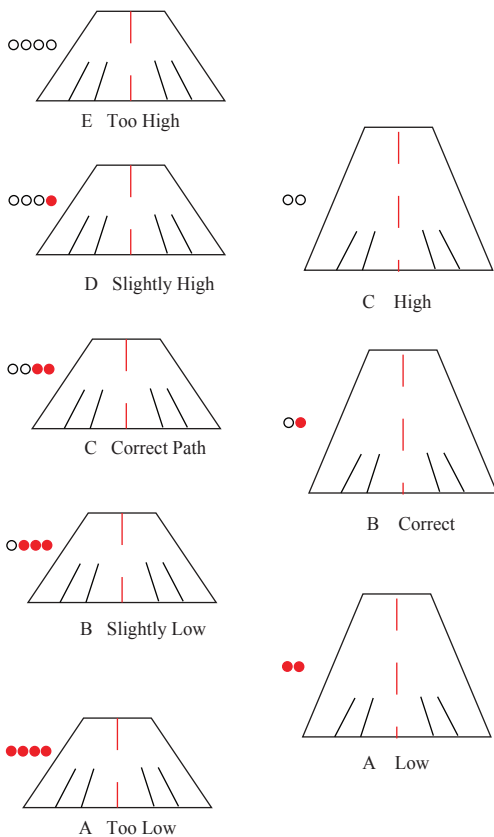
PAPI-300
PAPI=Precision Approach Path Indicator
Lamp power 300=3×105W

* Detail information should be provided if any special requirements.
Accessories should be ordered separately.

Photometric Data

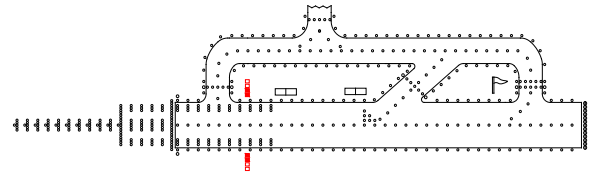


| Horizontal Angle | Vertical Angle | Main Beam Light Intensity | Red (cd) | Clear (cd) |
|------------------|----------------|---------------------------|----------|-------------------------------------|
| ± 2 | ± 2 | standard required | 15000 | 2 to 6.5 times of the red intensity |
| | | actual light intensity | > 18400 | > 90000 |

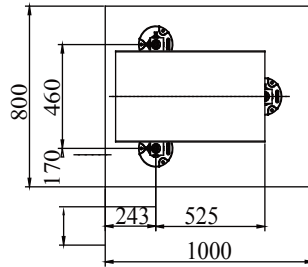
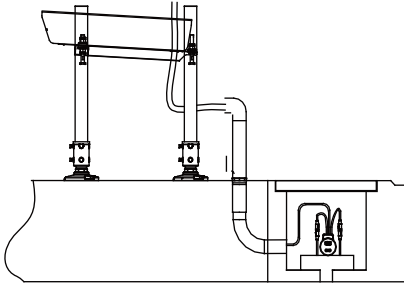


■ PAPI-300

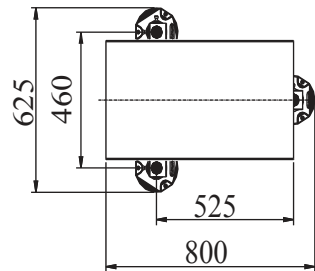
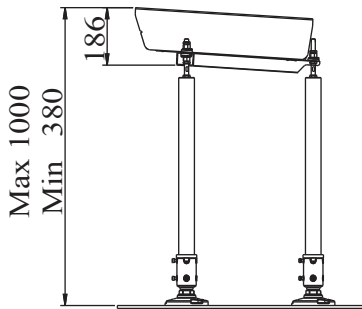
■ Precision Approach Path Indicator



Installation



Outlines



Electrical Supply

Lamp: Three 105W/6.6A reflector halogen lamp.

Power: each unit with 300W isolation transformer equipped under the light or in other separate places.

Packing Data

1 PAPI unit Dimensions: 860×570×290 mm³
Weight: 14.8 kg

■ PAPI-300

■ Precision Approach Path Indicator

Accessories

| No. | Description | Order number |
|-----|------------------------------|--------------|
| 1 | Upper cover panel | 61160 |
| 2 | Longitudinal level component | 61210 |
| 3 | Control board | 61199 |
| 4 | woollen felt seal | 61153 |
| 5 | Circuit breaker | 61198 |
| 6 | PAPI spirit level | ZJ4-481410C |
| 7 | Filter | 61175 |
| 8 | Lamp | L64339 |
| 9 | Front glass | 61122 |
| 10 | Front glass seal | 61167 |
| 11 | Mooring device | 61114 |
| 12 | Frangible coupling | 61116 |

PAPI-300

4

4