

PAPI

Precision Approach Path Indicator



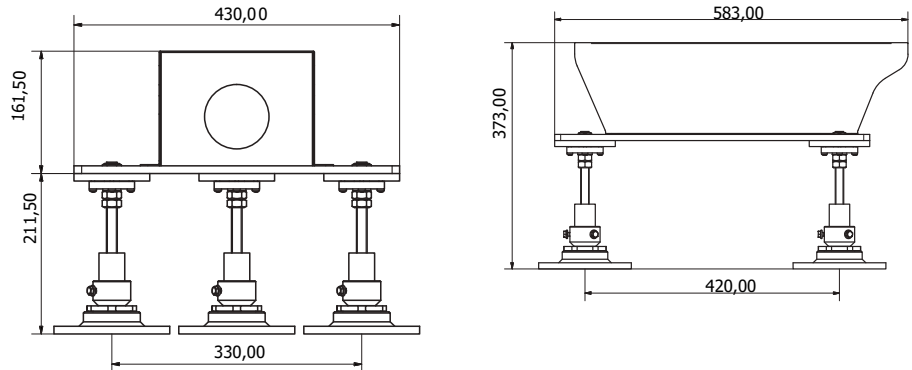
Compliance to standards	<p>ICAO: International Civil Aviation Organization, Aerodromes, Annex 14, Vol. 1 Photometric - (ICAO) Figure A2-23 Light intensity distribution of PAPI and APAPI Chromaticity - Section 5.3.5.30</p>								
Application	<p>The PAPI system provide the pilot precise visual information, enabling the approach procedure to be performed with accuracy and safety.</p>								
Features	<p>Designed and built with simplicity and ease of maintenance in mind. High power LED technology Lightweight, low-energy and environment friendly lighting fitting. Extensive use of aluminium alloys reduces fitting weight and eases handling in the field.</p>								
Product Code	<p>AL - 119 - 28 - WH-RE</p> <table> <tr> <td>Series Indicator (Airfield Lighting)</td><td>AL</td></tr> <tr> <td>Product Indicator</td><td>119</td></tr> <tr> <td>LEDs Number</td><td>28</td></tr> <tr> <td>LEDs Light Colour (white - red)</td><td>WH - RE</td></tr> </table>	Series Indicator (Airfield Lighting)	AL	Product Indicator	119	LEDs Number	28	LEDs Light Colour (white - red)	WH - RE
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<p>Description</p>	<div data-bbox="1390 322 1469 398" data-label="Image"> </div> <p>Housing - Powder coated aluminium RAL 1004 (aviation yellow) Fastening system powder - coated aluminium, RAL 1004 (aviation yellow) Anti glare visor powder - coated aluminium, RAL 9005 (gloss black) Dispenser -hardened front glass for sandblast protection Cable gland - nickel plated brass</p>
<p>Environment</p>	<p>Temperature range: - 40° to +55° Degree of protection: IP 65 Humidity: 0-100%</p>
<p>Mounting</p>	<p>PAPI unit may be aimed at any vertical angle up to 12°. The mounting system is equipped with frangible couples.</p> <div data-bbox="572 922 1406 1335" data-label="Image"> </div> <p>For a more accurate mounting inside the housing, there is a digital inclinometer with a factory-set 0 position. The inclinometer is equipped with a button and a display where you can see the coordinates and the brightness level.</p> <div data-bbox="1043 1451 1458 1648" data-label="Image"> </div> <p>By pressing, the button the correct position in the field is saved. After the field position has been saved, in case of any deviation higher than 0.5°, the alarm will be activated and the LEDs will turn off. If it's combine with the Controller V3 (AL-078-AX), the alarm will appear on Controller display.</p>

Mechanical Characteristics

Overall dimensions: 583 x 430 x 373 mm

Weight 19 kg

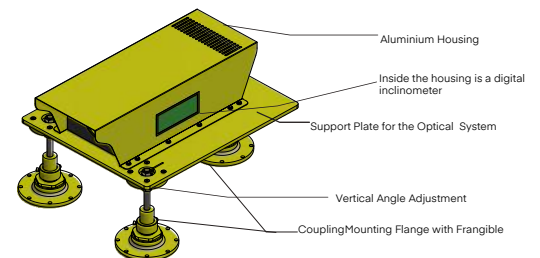


The PAPI is supplied in a ISPM

15 - compliant wooden crate.

Packaging:

650 x 500 x 1400 mm 26 kg



Electrical Characteristics

Power consumption: max 50W

Power supply:

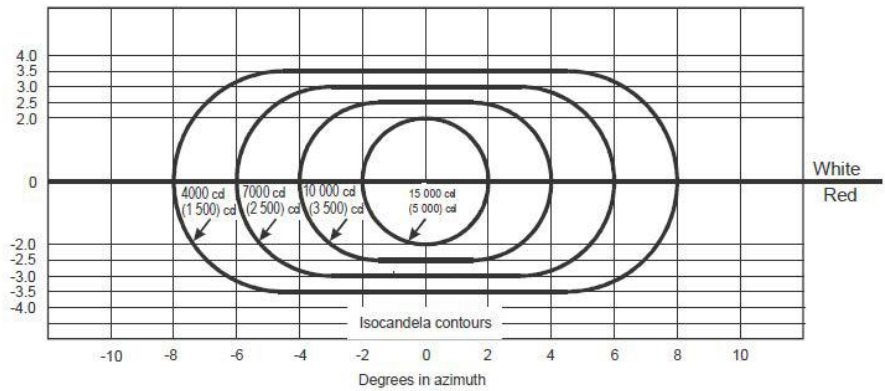
- 48V DC from controller - dimmable : 100% ,30%, 10%
- 110 - 230V, 50/60Hz - dimmable via contacts 100% ,30%, 10%
- 2.8 - 6.6A series from CCR - dimmable via current changes 100%, 30%, 10%

Type of power supply to be specified in order.

Types of power supply :

- 48V DC power supply from controller with 3 core cable
 - V+** (brown)
 - V-** (blue)
 - Dimming** (green/yellow)
- 230V AC directly from mains power supply
 - Live** (brown)
 - Neutral** (blue)
 - Ground** (green/yellow)
- 2.8-6.6A power supply by isolating transformer from constant current regulator power supply.

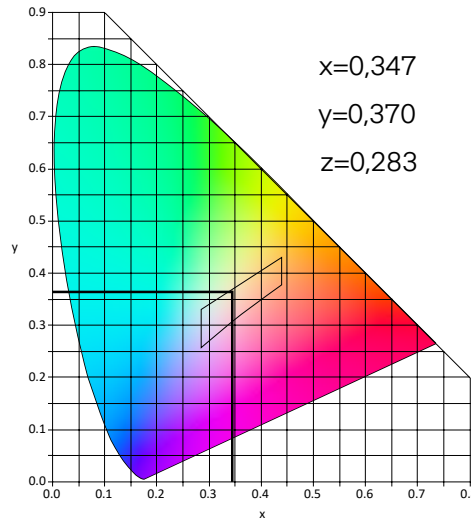
Light colour White light and red light



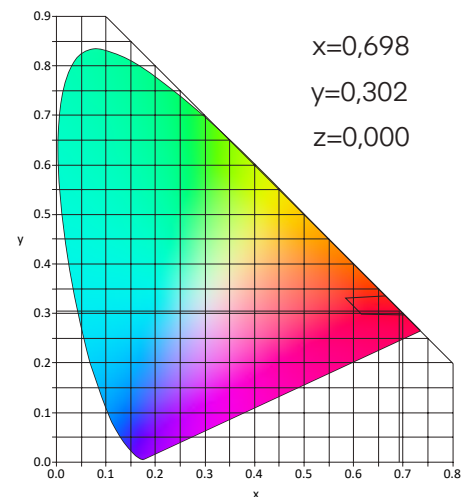
The brightness intensity values complies with:

ICAO requirements Annex 14 Vol.1 Figure A2-23

Photometric Characteristics



The white light colour emitted,
with the trichromatic coordinates



The red light colour emitted, with
the trichromatic coordinates

The measured trichromatic coordinates correspond to colour range requirements in

**ICAO Annex 14 - Aerodromes Vol.1, fig. A1-1b.
Colours for aeronautical ground lights (solid state lighting)**

Accessory

To order accessories please call our customer support.
For contact details please refer to our website - www.signalight.com



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