

L-880 & L-881 PAPI System

Precision Approach Path Indicator



COMPLIANCES

L-880 and L-881, Style B
 FAA AC 150/5345-28 (current edition)
 ETL Certified



Meets "Buy American" requirements.

PRODUCT APPLICATION

The PAPI system is used to provide visual approach path guidance to pilots of landing aircraft. The PAPI system consists of either four (L-880) or two (L-881) identical Lamp Housing Assemblies (LHAs) placed on the left of the runway aimed outward into the approach zone on a line parallel to the runway. The front face of each LHA is perpendicular to the runway centerline. The boxes are positioned and aimed to produce the signal guidance to the landing aircraft.

FEATURES

- Low Power Consumption - The PAPI is a low power consumption energy efficient system. Each Lamp Housing Assembly draws a nominal 300W.
- Tool-Less Maintenance - Most routine service components can be maintained without the use of hand tools.
- Designed to operate on all steps of a 3-step or 5-step CCR and on a 6.6A CCR using the same size isolation transformer.
- Includes digital tilt switch.

APPROACH LIGHTS & NAVIGATIONAL AIDS - 3.0

ORDERING INFORMATION

PAPI Order Number:

L-88X -X -X

L-880 = 4 LHAs (4-box)

L-881 = 2 LHAs (2-box)

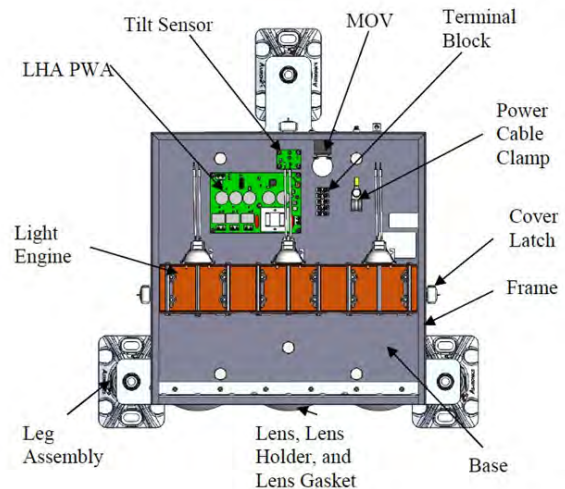
Style:

B = Current-driven system (Style B)

Lamp:

3 = 3 lamp

EXPLODED VIEW



WEIGHT & DIMENSIONS

- Weight: 20 kg
- Dimensions: 635mm (H) x 1,016mm (L) x 635mm (D)



TRANSFORMER REQUIREMENTS

Style B – Constant Current	# of Lamps Per LHA	Series Circuit	Max. VA Load	Required Transformer Per LHA	Transformer Part #
L-880 (4 LHAs)	3	6.6 A, 60 Hz	325	300W	L830-14
	3	6.6 A, 50 Hz	325	300W	L831-14
	3	20 A/6.6 A, 60 Hz	325	300W	L830-15
L-881 (2 LHAs)	3	6.6 A, 60 Hz	325	300W	L830-14
	3	6.6 A, 60 Hz	325	300W	L831-14
	3	20 A/6.6 A, 60 Hz	325	300W	L830-15

RENEWAL PARTS

Description	Part Number
Alignment Tool Kit (includes inclinometer & alignment tool)	K2-01-0088-001
Halogen Bulb, MR-16	A1-14-0091-001
Frangible Coupling	A1-17-1134-001
PWA	A3-07-1114-001
PWA Tilt Sensor	A3-07-1115-001

ACCESSORIES

Description	Part Number
L-867 Base Can, 24"	AC2124-2Q2-00301
L-823 Connector Kit (.32-.43)	11174-01
Heat Shrink Tubing Kit	A2-20-0089-001
L-867B Base Plate	AP1932
L-867B Cover Plate, 3/8"	AK100006
Gasket	10530287
Frangible Coupling, 2" Floor	A1-17-1134-001
Flange	A1-17-1076-001

