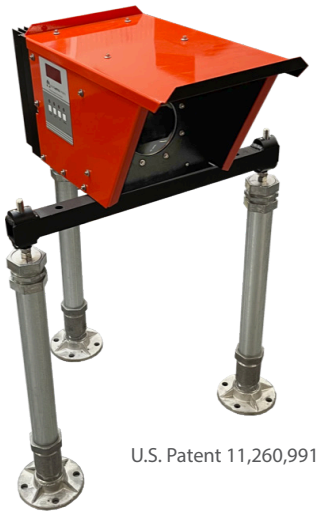
AirportLightingCompany
An ISO 9001:2015 Certified Company

L-880(L) /L-881(L) LED Precision Approach Path Indicator (PAPI)



U.S. Patent 11,260,991

Compliances

FAA: L-880(L) / L-881(L) AC 150/5345-28 (Current Edition) ETL Certified
ICAO: PAPI Annex 14, Volume 1 (Current Edition)
T/C: PAPI / APAPI Transport Canada TP 312 par. 5.3.16.12 and Appendix 5B, Figure B-19

Intertek

Application

This system enhances safety by providing visual approach slope guidance to assist the pilot of an aircraft in flying a stabilized approach

Key Features

- Estimated Life of LEDS > 150,000 hours at full intensity
- LED Display indicates angle and status without opening
- Redundant Digitally Controlled Lens Heaters
- 89 Max VA per light unit with heater active
- Compact and Light Weight (less than 40 lbs per LHA)
- Only one Liquid Tight conduit per light unit
- Optical Lens hardened against sandblast
- Optical Chamber Sealed against moisture and dust
- Streamlined mounting leg assemblies
- Retrofits directly on ALC incandescent installations
- External Junction Box (PDU) configurations available
- FAA Class 2: -55° C

General Catalog Numbers

88-□□□□□□

- □ (1st): 0 = 4 Box, 1 = 2 Box
- □ (2nd): A = Voltage, B = Current, C = Solar
- □ (3rd): 1 = Local Control (PEC), 2 = Remote Control (Relay), 3 = Runway Interlock (Current Sensing), 4 = PEC or Remote Control from PDU, 5 = Runway Interlock from PDU
- □ (4th): 0 = Tilt Sense Active, 1 = Tilt Sense Inactive
- □ (5th): 0 = No Baffles, 1 = Baffles
- □ (6th): 0 = Aluminum Covers, 1 = Stainless Steel Covers

Specifications

Replacement Parts

Part #	Description
88-00100	Control / Tilt Board
88-00200	LED Light Engine
88-00300	RS485 Communications Board
88-00400	Power Conditioning Board
88-00500	Photosensor Board
88-00600	Display Board
88-00700	Power Supply, Style A
88-00005	Heated Lens Assembly
44-00175	Power Supply, Style B
59-E	Frangible Coupling

Electrical Characteristics, Style A

Input Power 108-265VAC 50/60Hz	**Lens Heater Inactive**	**Lens Heaters Active**
L-880 (4 Box) Max	200 VA	260 VA
L-881 (2 Box) Max	100 VA	130 VA

Electrical Characteristics, Style B

Using a 200W Isolation Transformer	**Lens Heater Inactive**	**Lens Heaters Active**
L-880(L) (4 Box) Max	276 VA	356 VA
L-881(L) (2 Box) Max	138 VA	178 VA