AirportLightingCompany

Precision Approach Path Indicator (PAPI) LED

U.S. Patent 11,260,991

Compliances (Current Editions)

FAA: AC 150/5345-28 and Engineering Brief No. 67, ETL Certified

ICAO: PAPI Annex 14, Volume 1

Canada: PAPI / APAPI Transport Canada TP 312 par. 5.3.16.12 and Appendix 5B, Figure B-19

ETL VERIFIED 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

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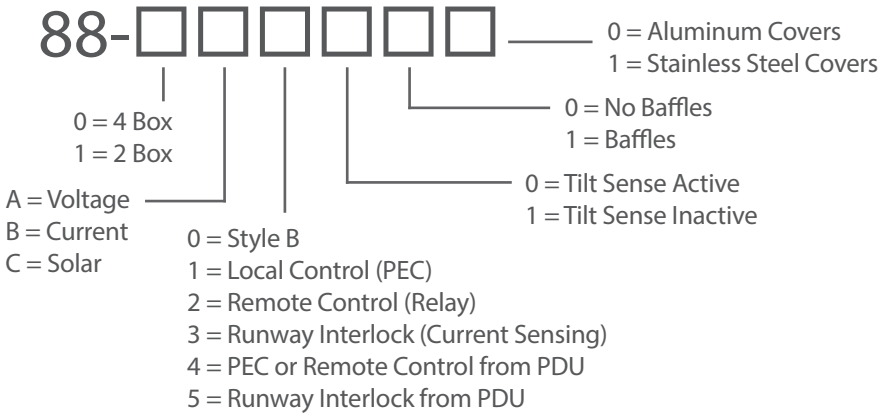
Specifications

General Catalog Numbers



Replacement Parts

Part #	Description
88-00100	Control / Tilt Board
88-00250	LED Light Engine Kit
88-00300	RS485 Communications Board
88-00400	Power Conditioning Board
88-04000	LED PAPI Top Assy with PEC
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
34-200666	L-830-6 200W 6.6A/6.6A Isolation Transformer

Electrical Characteristics, Style A

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

Electrical Characteristics, Style B

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