



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety
Farmingdale Certificate Management Section

7150 Republic Airport Suite 236
Farmingdale, NY 11735-3999

January 16, 2024

Mr. Nicholas Michelinakis
President
Aircraft Lighting International 195
Engineers Road
Hauppauge, NY 11788

Dear Mr. Michelinakis:

Your application dated July 7, 2023 for Parts Manufacturer Approval (PMA) was processed via the streamlined process defined in the Memorandum of Understanding between Aircraft Lighting International and the FAA, revision A dated November 5, 2019. In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products and Articles, subpart K, the FAA has found that the design data, based on test and computation, submitted with your letter dated July 7, 2023, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Aircraft Lighting International has established the quality system required by § 21.307 at 195 Engineers Road, Hauppauge, New York 11788. Accordingly, PMA is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 48.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated July 7, 2016, also apply to the enclosed PMA Listing-Supplement No. 48. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

STEPHEN M
KOWALSKI

Digitally signed by
STEPHEN M KOWALSKI
Date: 2024.01.16
11:26:49 -05'00'

Stephen M. Kowalski
Manager, Farmingdale Certificate Management Section
East Certificate Management Branch
System Oversight Division
Aircraft Certification Service

Enclosure
PMA Listing—Supplement No. 48

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International
 195 Engineers Road
 Hauppauge, NY 11788

PMA NO. PQ2043NE
 SUPPLEMENT NO. 48
 DATE 12/1/2023

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
28V LED Bulb	L3011X	3011	Test and Computations per 14 CFR § 21.303 DWG No: L3011X DO Rev: A Date: 03/01/2021 or later FAA-approved revisions	The Boeing Company	737-300 Series, 737-400 Series, 737-500 Series, 737-700 Series, 737-800 Series, 737-900 Series, 747-400 Series, 757-200 Series, 767-200 Series, 767-300 Series
28V LED Bulb	L3011X	3011	Test and Computations per 14 CFR § 21.303 DWG No: L3011XDO Rev: A Date: 03/01/2021 or later FAA-approved revisions	Airbus SAS	A319 Series, A320 Series, A321 Series
28V LED Bulb	L3011X	3011	Test and Computations per 14 CFR § 21.303 DWG No: L3011XDO Rev: A Date: 03/01/2021 or later FAA-approved revisions	Embraer S.A.	145 Series, 170 Series, 175 Series
28V LED Bulb	L3011X	3011	Test and Computations per 14 CFR § 21.303 DWG No: L3011XDO Rev: A Date: 03/01/2021 or later FAA-approved revisions	Dassault Aviation	Falcon 900EX

-----END OF DATA-----

GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International
195 Engineers Road
Hauppauge, NY 11788

PMA NO. PQ2043NE
SUPPLEMENT NO. 48
DATE 12/1/2023

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Approved	Make/TCH Eligibility	Model/Series Eligibility
---------------------	-----------------------	--	--	-----------------	-----------------------------	---------------------------------

KEN LIU Digitally signed by KEN LIU
Date: 2023.12.21 14:48:11 -05'00'

STEPHEN M KOWALSKI Digitally signed by STEPHEN M KOWALSKI
Date: 2024.01.16 06:54:46 -05'00'

for Christina M. Underwood
Manager, East Certification Branch
Compliance and Airworthiness
Division
Aircraft Certification Service

Stephen M. Kowalski
Manager, Farmingdale Certificate
Management Section
East Certificate Management Branch
System Oversight Division
Aircraft Certification Service