



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

Aviation Safety

Farmingdale/Saddle Brook  
MIDO Section  
7150 Republic Airport  
Suite 236  
Farmingdale, NY 11735

March 8, 2023

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

Dear Mr. Michelinakis:

Your application dated August 11, 2022 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 August 11, 2022, 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 11728. Accordingly, PMA is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 44.

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. 44. 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: 2023.03.09  
09:06:05 -05'00'

Stephen M. Kowalski  
Manager, Farmingdale/Saddle Brook MIDO Section  
East MIO Branch  
System Oversight Division  
Aircraft Certification Service

Enclosure  
PMA Listing—Supplement No. 44

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Aircraft Lighting International  
 195 Engineers Road  
 Hauppauge, NY 11788

PMA NO. PQ2043NE  
 SUPPLEMENT NO. 44  
 DATE March 8, 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 <u>DWG No:</u> L3011XDO <u>Rev:</u> A <u>Date:</u> 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 <u>DWG No:</u> L3011XDO <u>Rev:</u> A <u>Date:</u> 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 <u>DWG No:</u> L3011XDO <u>Rev:</u> A <u>Date:</u> 03/01/2021 or later FAA-approved revisions	Embraer S.A.	145 Series, 170 Series, 175 Series

-----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.

**KEN LIU** Digitally signed by KEN LIU  
 Date: 2023.03.08 12:18:34  
 -05'00'

for Timothy J. Hadsall  
 Manager, New York ACO Branch

**STEPHEN M KOWALSKI** Digitally signed by  
 STEPHEN M KOWALSKI  
 Date: 2023.03.09 09:07:07  
 -05'00'

Stephen M. Kowalski  
 Manager, Farmingdale / Saddle Brook  
 MIDO Section  
 East MIO Branch  
 System Oversight Division  
 Aircraft Certification Service