

## LED Cabin Lighting

# Lighting your Aircraft Since 1963



109 S. Knight, Wichita, KS 67213 • 316.942.2811 • [www.pwi-e.com](http://www.pwi-e.com)

### King Air 300

Our LED Upgrade Lighting System is a product of state of the art technology in LED Lighting and hands on engineering time in our Color Rendering Lab. The King Air LED Upgrade is dimensionally the same size as the current King Air Light and has a longer operating life span. Available in 2 color temperatures: Warm White (4100K) and Cool White (5100K).



### King Air 90/100/200

LED Upgrade for the King Air 200/100/90 Series are an innovation combined to reduce weight, reduce the current draw, increase the life span and reliability of the lighting system. A retro fit system that is "fit, form and function" to the present fluorescent system and maintains all it's characteristics.



### Reading Light

LED lighting has many advantages, especially when used in a reading environment. Overhead LEDs for reading can be directed to a specific location, achieving a higher application efficiency than conventional lighting. PMA Approval PQ4159CE



Toll Free: 1-888-523-3988  
AOG: 1-888-523-3988 ext 122  
Email: [parts@kadexaero.com](mailto:parts@kadexaero.com)



PETERBOROUGH LOCATION:  
925-211A Airport Road,  
Peterborough, Ontario, Canada K9J 0E7

CALGARY LOCATION:  
3650 19th Street. N.E. Unit #6,  
Calgary, Alberta, Canada T2E 6V2

# ADVANTAGES OF LED LIGHTING

The engineering resources at PWI supply existing and potential modification centers with engineering support to research and develop a custom LED lighting system, unique to make and model aircraft. PWI's LED Lights operate cooler and with less power than other LED lighting systems on the market.

## King Air 300 Series

- Uses existing dimmer & on/off switch
- Direct replacement of the CCFL power supply and lamps
- No impact to aircraft interior
- Eliminates high voltage required by CCFL lamps
- Lower EMI
- 55% in weight savings
- 40% lower system operating temperatures
- FAA STC - SA01633WI
- PMA Approved #PQ4159CE
- EASA 10047156
- ANAC 2015S05-04









[pwi-e.com/king-air-300](http://pwi-e.com/king-air-300)

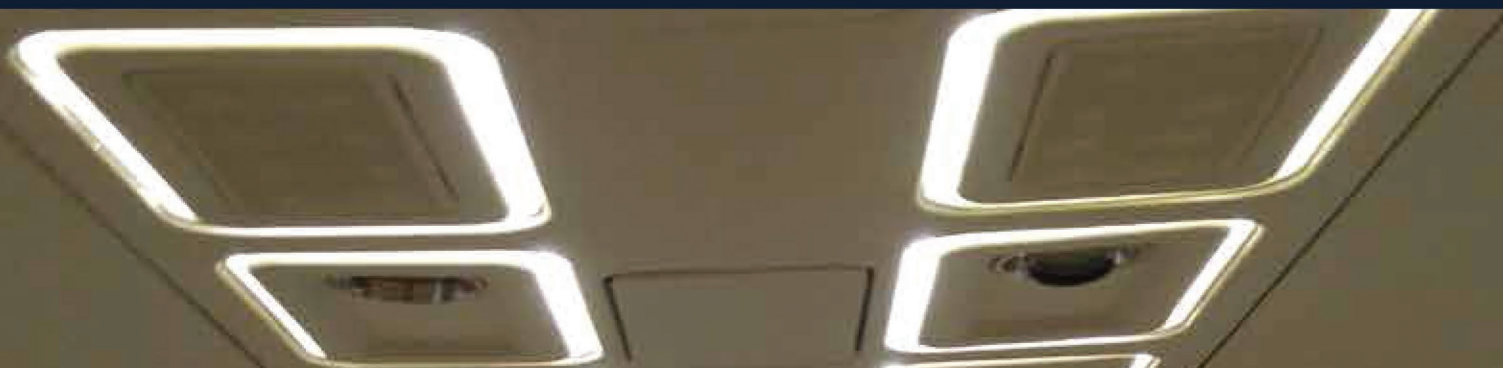
## King Air 90/100/200 Series

- Uses existing aircraft wire harness and dimming on/off switches
- Direct fit, form, and function replacement for the current fluorescent lighting fixtures (6900042-000 & 690080-000)
- 46% weight reduction per fixture
- 40% lower system operating temperatures
- 30% reduction in operating current
- FAA STC - SA01748WI
- PMA Approved #PQ4159CE
- EASA 10051015

[pwi-e.com/king-air-200](http://pwi-e.com/king-air-200)

PWI manufactures a complete line of LED Lighting products serving a wide range of lighting applications, as well as, custom designs. Here are a few more advantages of LEDs.

-  Long Life
-  Energy Efficient
-  Ecologically Friendly
-  Durable
-  Zero RF Emissions
-  Design Flexibility
-  Operational in Extreme Temperatures
-  Low Voltage



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