



Exterior PAR Lamps made by AMGLO KEMLITE Laboratories

AMGLO make a broad line of Quartz aircraft Landing, Taxi and Logo Lights. Their product design objective is to offer highly engineered and reliable exterior lamps for aircraft to drive down operator cost. As these lamps are subjected to a great amount of vibration on the aircraft, Amglo has instituted line processes to eliminate glass stress created during assembly, ensuring considerable better durability than the incandescent lamps that they are designed to replace.

All Amglo lamps are designed and certified in conformance with the ANSI (American National Standard Institute) specification and are also sold as FAA-PMA approved parts with 8130-3 certificates.

The following shows part numbers to order and a rated life comparison with incandescent lamps.

<u>ANSI P/N</u>	<u>AMGLO P/N</u>	<u>Volts</u>	<u>Watts</u>	<u>ANSI Life (hours)</u>	<u>AMGLO Life (hours)</u>
4509	Q4509*	13	100	25	100
4551	Q5551	28	250	25	500
4551	Q4551	28	250	25	250
4553	Q4553*	28	250	25	250
4554	Q4554	28	450	25	100
4554	Q5554	28	450	25	1000
4559	Q4559X*	28	600	25	100
4559	Q4559XX	28	600	25	200
4559	Q5559	28	600	100	500
4587	Q5587*	28	250	25	250
4591	Q4591*	28	100	25	250
4594	Q4594*	28	100	300	1000
4596	Q5596	28	250	25	250
4626	Q4626	28	100	300	1000
Q4681	Q4681*	28	450	50	50

*) We shall be stocking these lamps initially. As and when customer demand dictates ,we will add other part numbers to our inventory.



The graphs below illustrate the typical behaviors of a standard ANSI incandescent lamp and the corresponding AMGLO lamp. The incandescent lamp's illuminating power starts to decline from the very beginning and has lost 60% by the time it's life ends. The AMGLO lamp retains 95+ % of its illuminating power all through its life.

Lumen Maintenance Curve

