



Problem

JNDC were contracted by Airbus to source or develop a lighting system that can be installed in the A350 wing and left for the duration of the build. JNDC sourced a LED, high output, diffused, low temperature rope light. The new technology produces a similar light output to that of a standard fluorescent tube light.

Development

JNDC have since tested the light strips in a demo rib section of the A350 and found that it will meet the British Standards "BS EN 12464 – 1:2002" by using 2 strips in each bay. Clamps have been produced to grip the top stringer without damaging the surface and to hold the lighting in place. JNDC have now produced a final production version of the lighting system for Airbus to test in their new A350 wing.

Solution

Airbus now needs to trial the system in the new A350 wing. Adjustments may need to be made by Airbus and JNDC in order to put the system onto the final production line.

