

INSTRUCTIONS FOR WHITE LIGHT LAMP

Our standard EL kit includes the Phosphor, Silver, White and Pink Dielectric.

Check ITO Film to find out which side is conductive.

It is recommended that the Conductive side of the ITO is cleaned with IPA to remove any dirt or grease from the surface. Allow the ITO to dry before printing.

The Blue/Green & Blue Phosphor Paste (C2080211P2) is printed directly onto the conductive side of the ITO. This then needs to be cured @ 130°C for 3 minutes using a belt dryer or alternatively in a box oven for 10 minutes @ 130°C.

On top of the cured Phosphor (C2080211P2) print a single layer of White Dielectric (D2070209P6). This is then cured @ 130°C for 3 minutes using a belt dryer or alternatively in a box oven for 10 minutes @ 130°C.

The next step is to print the Pink Dielectric (D2090130P5) on top of the white layer. This is then cured @ 130°C for 3 minutes using a belt dryer or alternatively in a box oven for 10 minutes @ 130°C.

The conductive layer (Silver C2180423D2) is then printed on top of the Dielectric layers and cured in the same way as the Phosphor and Dielectric layers

It is recommended that the finished lamp be laminated using a self-adhesive heat-sealed film or a suitable encapsulation paste. This will help to maintain the longevity of the lamp.

