

# Product Overview



## Panel 2000

This innovative product was originally conceived by a Japanese company and the UK Patent filed in 1990. It is still made in Japan and also under licence in a few other countries including the UK where INTERNATIONAL COMPONENTS holds exclusive rights.

Panel 2000 is at the 'heart' of all the products in this brochure. It utilises a system whereby light, applied to the edge(s) of a specially prepared optical panel, is distributed evenly and efficiently over its entire surface. These panels (Panel 2000) are used as the source of illumination in the range of light boxes shown in this catalogue.

Light boxes employing Panel 2000 have many advantages when compared with the conventional 'back lit' variety.

- **SLIM PROFILE** - As the light source is at the edge of the panel, the profile can be kept to a minimum.
- **LOW POWER CONSUMPTION** - Panel 2000 light boxes only use a maximum of two fluorescent tubes whereas conventional units can use many times more depending on size.
- **EVEN LIGHT SPREAD** - 'Striping' associated with conventional back lit boxes is eliminated.
- **RUGGED CONSTRUCTION** - The lamp units are hidden in the frame of Edgelit light box thereby protecting them from impact or vandalism.
- **BETTER COLOUR TEMPERATURE** - This can be controlled not only by the light source used but also in the preparation of the optical panel by careful control of specific additives in the light spreading medium.
- **ELECTRONIC BALLAST** - The lamps are controlled by high frequency electronic ballasts giving optimum performance in light output and a significantly longer working life.



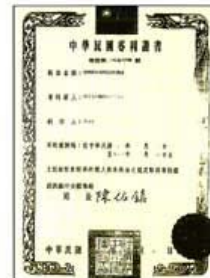
Japan



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