



Innovation Awards 2004 - Category 1 - Construction & Architecture Finalists
Flexible Optic Light System (Category Winner)
by Poly Optics Australia Pty Ltd



A flexible light transfer material designed to use various light sources including sunlight to distribute light along a length of optic fibre. A flexible optic light source based on DuPont FEP resin that can deliver sunlight or light from LCD's etc. Because of the low cost of the tubing it makes piping sunlight into buildings cost effective. To date others have not achieved this technology.

Unlike other systems this technology allows the light to leak uniformly from the pipe to give a uniform light along its length replacing multiple globes or LCD's. It can also be used for emergency lighting, strip lighting on stairs etc. It is highly energy efficient delivering more than 95% of the light inputted to the desired location.

For more information please contact Poly Optics Australia on +61 7 5520 2222