

PDLC office partition house protection film



PDLC stands for polymer-dispersed liquid crystals which can be engineered into end-products such as smart windows, office partition, smart glass displays and smart consumer electronics, giving privacy, security and energy efficiency.

How does PDLC smart glass work?

With no applied voltage, the liquid crystals are randomly oriented and scatter the light which enters. When an electrical signal is applied, the liquid crystals orient themselves parallel to each other, allowing light through.