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The diagram illustrates the operation of a liquid crystal display (LCD) cell in two states: **Power ON** and **Power OFF**.

Power ON: The LC molecules are arranged in a regular, parallel fashion, allowing light to pass through the cell. The voltage source (V) is connected, and the light rays pass straight through the LC layer.

Power OFF: The LC molecules are arranged in a disordered, irregular manner, which scatters and disperses the light. The voltage source (V) is disconnected, and the light rays are shown being deflected by the disordered molecules.

Labels in the diagram include: LC Molecules (transparent state), Conductive Coating, Polymer, PET Film, and a voltage source (V).

Power ON	Power OFF
LC molecules are arranged in a regular manner, allowing light to pass uninterrupted.	LC molecules are arranged in an irregular manner, dispersing light.



玻璃的透明性、强度、耐候性等性能，使其在建筑、交通、工业等领域得到广泛应用。玻璃的透明性使其成为建筑中不可或缺的材料，而玻璃的强度则使其成为工业领域中重要的材料。玻璃的耐候性使其能够在各种气候条件下长期使用。



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