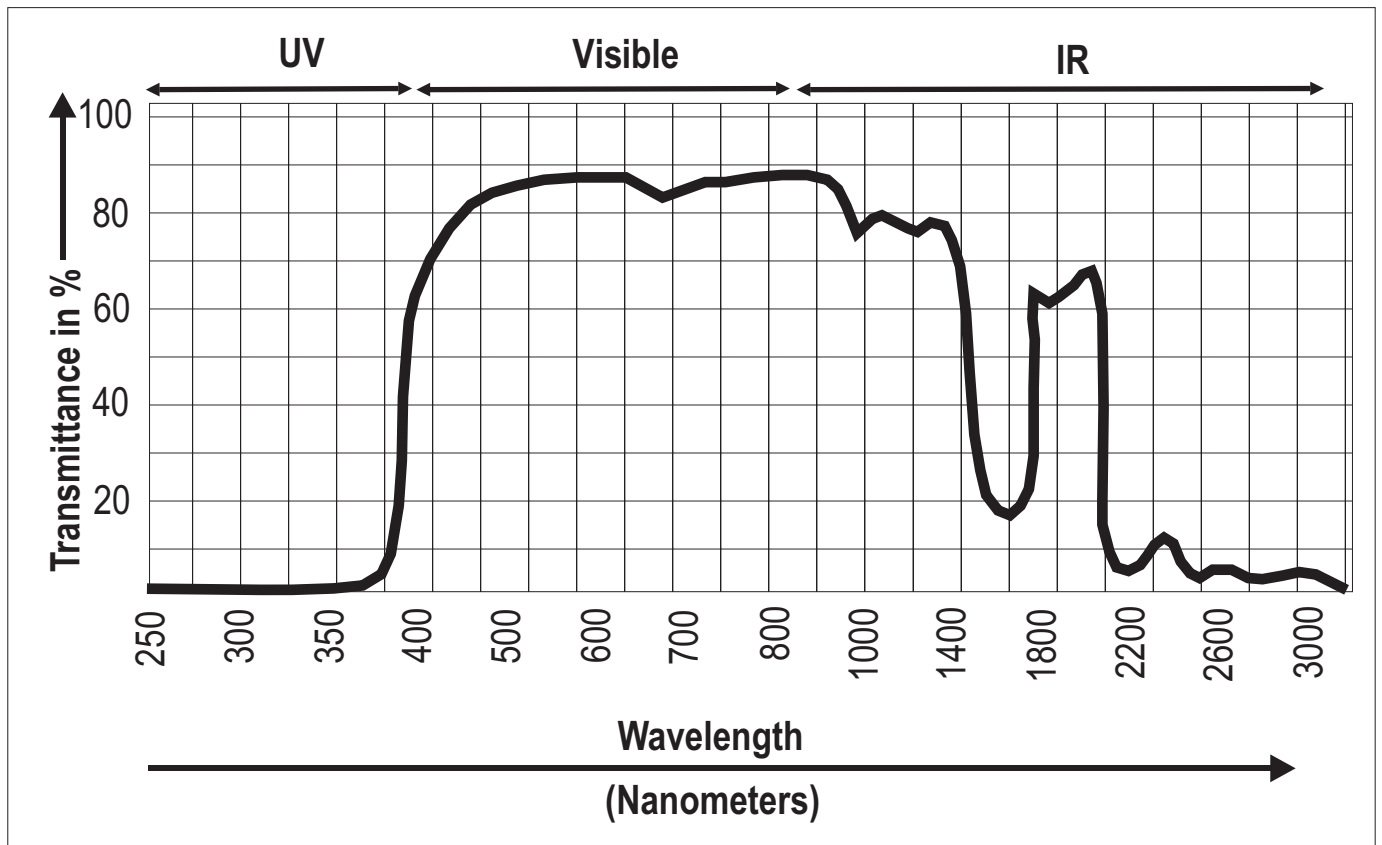


POLYCARBONATE GLAZING

Exposure to solar ultraviolet (UV) radiation is becoming a major health concern. The adverse affects were once thought to be associated with solar UV radiation in the 270 to 320nm (UV-B) range. However, in recent years, it has become apparent to much exposure to UV-A (320-400nm) is also detrimental. In addition to skin cancer, premature aging has been associated with exposure to UV-A. Regent skylights (glazed with PALSUN Polycarbonate) totally block out UV radiation in this portion of the spectrum. Almost all the UV-A radiation is also blocked out. (Extract from 'Plastral Fidene - Thermal and Optical Properties'). This almost total blockage of UV radiation can be observed in the figure below.

Protects against the Harmful Affects of UV Radiation

Ultraviolet Light Transmission



Extract from 'GE Plastics - Polycarbonate Sheet For Architectural Glazing'

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