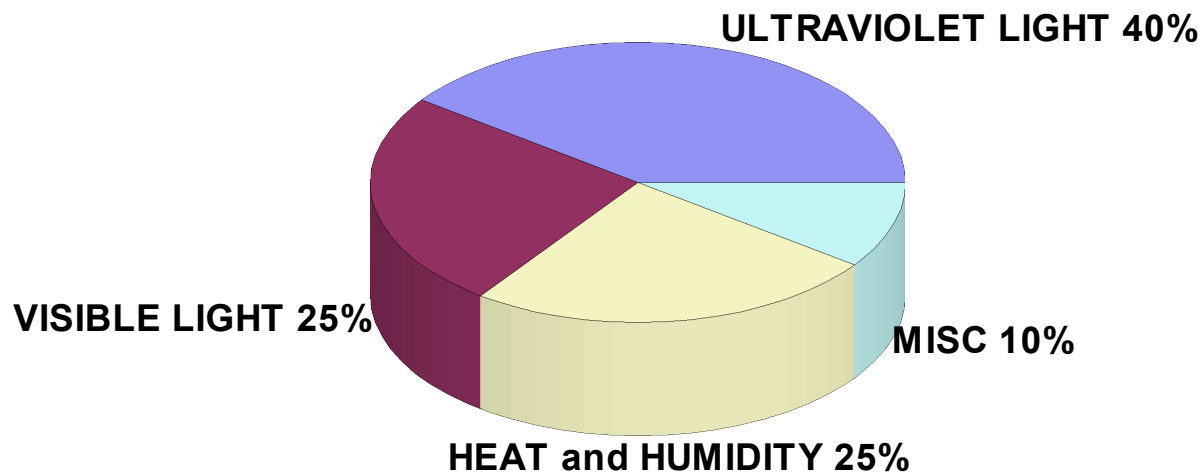


**FACTORS THAT CAUSE FADING OF MATERIALS
"As a Rule of Thumb"**



FACTORS AFFECTING FADING

1. ULTRAVIOLET LIGHT
2. VISIBLE LIGHT
3. HEAT AND HUMIDITY
4. MISCELLANEOUS FACTORS
 - *Chemical Vapors (including ozone)*
 - *Indoor Artificial Lighting*
 - *Age of Fabrics and Materials*
 - *Dye Fastness*

ULTRAVIOLET LIGHT SPECTRUM

- LIGHT WAVELENGTHS SMALLER THAN VISIBLE LIGHT
- COMPOSED OF UVA, UVB & UVC
 - UVC • SCREENED BY THE OZONE
 - UVB • SCREENED BY GLASS
 - UVA • SCREENED BY UV INHIBITORS
 - *Laminated Glass*
 - *Window Film*
 - *Polycarbonate or Acrylic Glazing Material*
- ULTRAVIOLET LIGHT CAN BE SCREENED EFFECTIVELY WITH LAMINATED GLASS, WINDOW FILMS, POLYCARBONATE OR ACRYLIC BUT CAN NEVER BE COMPLETELY ELIMINATED