

BENEFITS OF DayLighting Systems

- *Excellent lighting conditions for the interior spaces of buildings.....*
- *Reduced use of electrical lighting, saving energy and energy costs.....*
- *Helps satisfy the human need for contact with the outdoors, which promotes various health and performance benefits....*
- *Buildings that are Day or Naturally Lighted are more comfortable for human occupation. DayLighting provides some of the outdoor environment indoors! Natural daylight provides changes in lighting, color, texture and perception, all of which evoke pleasant responses in people and are not common with indoor electrical lighting. For these reasons and more, DayLighting is a desirable amenity that makes people feel good about their environment and improves performance and morale....*
- *DayLighting saves energy by providing illumination to buildings, thereby reducing the need for electric lighting. DayLighting Systems also add considerably less heat to a space than the equivalent amount of illumination provided by electric lights or typical skylights, which is **very important** with respect to commercial, industrial or institutional buildings. Reducing the amount of heat generated by electric lighting means reduced HVAC requirements, which equates to large savings in cooling costs.*
- *In a typical commercial, industrial or institutional building, electrical lighting represents 30% to 40% of the total electrical load. DayLighting offers the greatest single opportunity to effect savings, profitability and rate of return.*
- *DayLighting Systems will have a positive influence on operating income, resulting in increases in asset valuation. For example, efficient lighting in a 200,000 sq. ft. office building could reduce annual operating expenses by \$.75 per sq. ft., which equates to an operating expense **decrease** of \$150,000 annually! Assuming a standard capitalization rate of 10%, the building's value would increase an amazing \$1.5 million dollars. ($$.75 / 10\% = \7.50 per sq. ft. x 200,000 sq. ft.)*
- *DayLighting "payback" can be realized in a very short length of time. Also, with a 75% loan-to-value ratio, asset managers and building owners could apply the available funds in any manner deemed appropriate.*
- *In short, an introduction to DayLighting Systems will convince you of the benefits of harvesting daylight day... after day... after day.*