

*Example of
Excessive Light
and UV Damage*

CASE STUDY: University

Site:

University of Maryland
College Park, Maryland

Product:

RS10 Grey/Grey
Traditional

Location:

The Art Library at the
University of Maryland
in College Park,
Maryland.

Halcyon Shades are radiant
barrier solar shades that:

- Block 80% of the heat
- Reduce 97% of the glare
- Eliminate 99% of the UV
- While keeping 100% of the
view & natural daylight

Problem

Two sides of the library's rectangular space are comprised of large windows, originally designed to provide an open feeling. Vertical blinds were used in an effort to control the light source and protect the book collection from humidity and mold. Unfortunately, with a large number of windows facing south, the blinds had to be closed most afternoons to prevent glare and uncomfortable heat levels from the strong afternoon sun, which also obscured computer screens and glared in the faces of people visiting or working in the library office. The vertical blinds not only interfered with the architectural design of the building by becoming a "wall" of blinds, they eliminated the beautiful view.



Solution

Transparent Halcyon Shades, which are ASTM thermal Performance tested* for energy performance, solved the multiple problems. Library officials chose Halcyon Shades RS10 Grey/Grey Traditional, which eliminate the glare, the excessive light and reject heat and harmful UV rays that create potential harm to the library's valuable collections. In addition, this fully functional window treatment can be raised and lowered according to preference for light. Now, with a uniform appearance to both the interior and exterior, architectural integrity is maintained, the books are protected, energy use is more efficient, and visitors can enjoy the open feeling and spectacular view of the university campus

* Supported by ASTM Thermal Performance C1363-97 Testing