

Site

Dallas Parkway Hilton

Location

Dallas, Texas

Window Film

Sunrise V33 Bronze

Product Series

Dual-Reflective Series



SITUATION

The Dallas Parkway Hilton is a 14-floor high rise hotel with beautifully appointed guest rooms, an elegant restaurant, meeting rooms, and a fitness center located in the heart of north Dallas. The hotel recently underwent a total renovation.

SOLUTION

The renovation included the installation of Vista™ by LLumar® Sunrise Bronze solar control window film on all of the windows of the 310 guest rooms and suites. An installation of 30,000 square feet of film was required to complete the project.

Vista™ V33 Sunrise Bronze film was chosen by Hilton management for its aesthetic appeal and to provide a high degree of solar protection for the sun-drenched windows. Preserving light without glare produces cool comfortable interiors. With Vista Sunrise on the hotel windows, the glare is reduced by 57 percent and the solar heat by 60 percent.

Equally as important as the guest comfort and energy savings provided by Sunrise Bronze, is the protection given to the new guest room furnishings. The newly installed film blocks more than 99 percent of ultraviolet rays, helping protect against premature fading.* Ultraviolet rays have also been associated by the medical community with premature aging of skin as well as some skin cancers, including melanoma.

RESULT

The hotel guest rooms are now fully protected from the harmful effects of sunlight, excessive heat, and glare which speed up the fading of furnishings. That is as it should be, for Hilton Hotels take pride in providing outstanding accommodations and unsurpassed guest service.

Performance Data

| | % Total Solar Transmittance | % Total Solar Reflectance | % Total Solar Absorbance | % Visible Light Transmittance | % Visible Reflectance (exterior) | % Visible Reflectance (interior) | Winter U-value | Shading Coefficient | % Ultraviolet Ray Protection (wavelengths 280-380nm) | Emissivity | Solar Heat Gain Coefficient | % Total Solar Energy Reflected | Light-to-Solar Heat Gain Ratio (LSG) | % Summer Solar Heat Gain Reduction | % Winter Heat Loss Reduction | % Glare Reduction |
|-----------------------------|-----------------------------|---------------------------|--------------------------|-------------------------------|----------------------------------|----------------------------------|----------------|---------------------|------------------------------------------------------|------------|-----------------------------|--------------------------------|--------------------------------------|------------------------------------|------------------------------|-------------------|
| Clear Glass | 83 | 8 | 9 | 90 | 8 | 8 | 1.03 | 1.00 | 29 | 0.84 | 0.86 | 14 | 1.05 | - | - | - |
| Dual-Reflective Series | | | | | | | | | | | | | | | | |
| Sunrise Bronze V33BR SR CDF | 25 | 43 | 32 | 39 | 25 | 18 | 0.95 | 0.39 | >99 | 0.67 | 0.34 | 66 | 1.15 | 60 | 9 | 57 |

EASTMAN

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The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement as measured on single pane, 1/8 inch (3 mm), clear glass. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. *Films do not eliminate fading—they reduce it. UV rays and heat are contributing factors to fading but other factors exist. For further information see LLumar.com/download-library. © 2008, revised 2016 Eastman Chemical Company. VISTA™, the VISTA® logo, LLumar®, the LLumar® logo and Enerlogic® are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. As used herein, ® denotes registered trademark status in the U.S. only. (06/16) SP1078