

An old hotel goes office modern



SITUATION: A \$40 million renovation turned an old, 15-floor hotel into an ultra-modern, multi-use office complex. The building's ground floor houses retail shops. Two floors are residential "live and work" floors featuring double-spaced units—one space for living and one for working. Eight floors offer commercial office space. On the building's middle floor, the Celebrity Business Club offers office space, conference rooms, telecom support, and other guest business services.

SOLUTION: This impressive renovation called for the very best in solar control. Building management contacted a Llumar window film dealer, who conducted a construction survey and recommended the installation of Llumar R-20 SR CDF film on the entire building. The attributes of this reflective film were ideal for meeting the building's aesthetic and environmental specifications and would give it a clean, sharp, ultra-modern facade.

RESULTS: The Llumar window film blocks 84% of visible light from penetrating the glass, providing tenants with uniform comfort and glare-free living. In Atlanta, where summer temperatures can reach 100°F (38°C), air conditioning costs can soar—but with Llumar R-20 SR CDF installed, solar heat gain is reduced by 79%, substantially reducing energy use. Thanks to Llumar, every suite within the building now benefits from enhanced comfort and views.



Building
Celebrity Business Suites and Club
 Location
Atlanta, Georgia
 Film
R-20 SR CDF (Silver)
 Type
Solar Control Film

"An ideal fit for the building's aesthetic and environmental specifications."

Performance Data

Reflective Series

R-20 SR CDF (Silver)

% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorptance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter Merit U-Value	Shading Coefficient	% Ultraviolet Reflected	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Reflected	Light-to-Solar Heat Gain Ratio	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
12	54	34	16	62	62	0.94	0.25	99	0.71	0.21	79	0.76	75	9	82

Reflective films feature reflectance on both interiors and exteriors for superior reduction in summer cooling costs and heat retention in winter. Providing a high level of glare and heat control, they are scratch-resistant, shield 99% of UV rays, and are available in earthtones, skytones, silver, and gold to meet your aesthetic goals.