

McKevitt Volvo

San Leandro California

Lighting Design Photo Survey

September 1, 2004

Owner / US Auto Group Ltd.

Architect / Gensler

Lighting by: S.Graf, M. Navvab and D.Gauger at:

IlluminArt

The following reference photos were taken Sept. 1st by Stefan Graf during the aiming of the lighting at the new McKevitt Volvo dealership.

This presentation is provided to demonstrate how good lighting design and architecture may work together to provide a value added for the project owner.



Light is used to reveal architecture and generate a positive image to this new dealership. Washes of blue light onto the upper architecture attracts attention to passing motorists and creates a lasting impression.



Sales lot illumination is designed to provide better visibility from reduced glare, better color perception and good illuminance uniformity. This lighting uses half of the energy found at other dealerships in the area saving the owners over \$200,000 in initial costs and cost of operations over 10 years. Local residence benefit also from reduced sky glow and light trespass.



Inside, indirect lighting reveals the architecture while directional spotlights highlight product in fixed locations on the showroom floor.



Sales office lighting provides a warm, intimate environment free from glare to help increase customer comfort.



Directional spot lights are provided for future wall graphics



At the time these photos were taken, the Meco shades had not yet been installed. Shades on photo cell controls will eliminate glare from sunlight to provide a sophisticated, quite space for product viewing.



A recessed drywall cove with pendent lighting compliments the brand image a the customer service write up area.



Large diffuse skylights provide natural light to the service area during daylight hours. Energy is saved with electric lighting switched off and from low-e glass which controls thermal gain to reduce air conditioning costs.



After dark, efficient T-8 fluorescent lighting systems create glare free, shadowless illumination with high color rendering lamps for better visual performance. This system saved the owner a conservative \$17,000 in construction costs and \$20,000 per year in operations costs totaling over \$100,000 in savings over a 10 year period compared to standard metal halide systems. Improved performance by mechanics from better illumination is expected to improve efficiency and worker satisfaction with higher quality lighting.



Note: cost savings analysis / data is available upon request from Illuminart

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IlluminArt