

This project is meant to convey an exciting, energetic atmosphere complementary to the active subculture. Clarity of color, shape, and focus are paramount in the retail area, while the sports bar will have a more relaxed atmosphere that allows the social aspects of sport spectatorship to blossom.

Retail Area: 1.9 W/ft²

The retail area uses ceramic metal-halide sources almost exclusively because of their excellent color rendering and energy efficiency. Because the ceiling only has a reflectance of 10 percent, I suggest that the walls be finished with a reflectance of at least 50 percent for energy efficiency and to minimize shadows in the space.

A general light level of 27.8 footcandles is maintained by four large downlight pendants while merchandise is selectively illuminated by downlights with wall-washing optics around the periphery of the space, and by metal-halide spotlights in the central area. General merchandise is illuminated at 30-50 footcandles, while featured displays (including window displays) are illuminated at 80-120 footcandles. This selective illumination of merchandise will increase the focus of the customers and create an air of excitement as merchandise is discovered, one spot at a time. The same metal-halide spotlight used for the merchandise is used for task lighting at the sales counter to minimize the number of different fixtures in the project as well as to provide lighting for practical and security purposes.

The fitting rooms are illuminated by metal-halide downlights, to accentuate color rendering in this important point-of-sale venue. These downlights are augmented by long fluorescent sconces which provide a soft light at a flattering angle that will enhance the shape and appearance of the customer.

Lighting at the store's entrance is augmented by a decorative metal-halide sconce in a brushed aluminum style that fits with the active motifs of the project. I suggest that the entrance lighting, window displays, featured displays, and the counter task lighting be included in the after-hours lighting preset, so they are in separately controlled zones.

Sports Bar: 1.3 W/ft²

The same decorative sconce from the retail entrance is repeated at the entrance to the sports bar. The bar area will use compact fluorescent sources for most of its luminaires because of their dimming capability. It is important that light levels can be controlled, to create a relaxed atmosphere for patrons, but to also enable maintenance personnel to raise light levels for clean-up. Two different pendants are used in the space in addition to the metal-halide pendant at the entrance. The first

is a decorative pendant from the same product family as the entrance fixture. These pendants are centered over each table to illuminate food and patrons. Additionally, simple cylinders are located higher in the ceiling to augment the table pendants and to create a sense of unity in the space, so important to a social event, like sports spectatorship that has the ability to bring strangers together. The space will be capable of maintaining 28.1 footcandles from the combination of these two pendant types. Additionally, there is metal-halide task lighting located at the work counter. Wall-washing units and accent lights have been omitted from this project to enhance viewing of 4 plasma screen televisions. The pendant fixtures specified will keep light off of the screens.

Design Fee: \$2,300