

Style
M417 XL

Architect:

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Electrical Engineer:

Innovative Electrical Systems

Photography: Ed LaCasse

Recreation Pool

Dimensions: Approx. 68' wide x 96' long, with 15' to 26' high ceiling deck

Lighting: (5) wall-mounted M417-1000-2-02-B-VPO and (2) pendant mounted M417-1000-X-02-B-VPO on VPN0272SPO (72") hang-straight supports

Est. illuminance (uplights only): 28 fc avg, initial on water; 31 fc/ai, far deck; 13 fc/ai, near deck

Est. power density (uplights only): 1.16 W/sf

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State of the art recreation centers, like the 80,000 sf Trails Recreation Center outside Denver, are becoming essential amenities in rapidly growing suburbs and planned communities. These attractive, feature filled facilities serve as places where residents of all ages can meet, socialize and exercise and as assets to local development.

elliptipar's Xtra Large M417, available with a high output 1000W metal halide lamp in a pleasing 3000K color, is ideal for lighting natatoriums, gyms, field houses and other sporting venues. The broad asymmetric distribution of the M417's reflector is capable of lighting expansive ceilings from easily serviceable perimeter mounting locations. An integral encapsulated CWA ballast provides quiet operation, even in large spaces with hard acoustical surfaces.

For the corrosive nature of indoor pool environments, elliptipar's aluminum and stainless steel construction is especially important. The interior of the bright anodized reflector is protected by precured silicone gaskets and an extruded door frame. The exterior is finished with an electrostatically applied thermoset polyester powder coat that exceeds 1000 hour exposure (ASTM B117-90 Salt Spray [Fog] test).

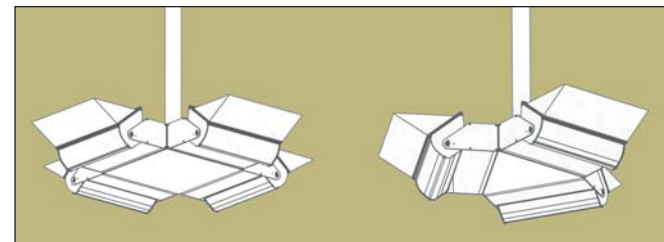
U. S. patent D468,473 and other U. S. and foreign patents pending



Wall mounted M417 uplights provide comfortable indirect illumination for backstroking in the center's lap pool.



The M417's cutoff visor (standard) shields lens and reflector brightness from normal viewing angles.



Three-way and four-way fixture clusters on modified pendant supports provide a broad wash of uplight, creating an upbeat workout area that balances comfortably with the large, north facing windows (at left).