



Style M417 XL on modified 20' pendants

Architect: Moody/Nolan Architects
Engineer: Scheeser Buckley Mayfield, LLC
Photography: Bill Schuemann

Recreational Pool

Dimensions: 33' to 101' wide x 106' to 123' long x 43' high
Lighting: (26) M417-1000-X-02-B-VP-0 uplights (18 along one side and 8 along one end) with modified VPP102240SQ0 pendants
Estimated illuminance: 180 fc avg. initial on ceiling; 59 fc/ai on pool and deck
Estimated power density: 3.5 W/sf

elliptipar Style M417 XL

At the heart of a dynamic regional economy, the University of Akron has over 28,000 students from 80 countries enrolled in more than 300 academic programs. Campus recreation and wellness services offer students a broad spectrum of programs from aquatics to outdoor adventure trips to club sports from cricket to kung fu.

The dimness of the existing lighting in the leisure pool prompted the University to upgrade it, even though the fixtures had only been in place for six years. The challenge of lighting this space, without mounting fixtures along the walls with glazing, calls for lighting the ceiling plane asymmetrically from two edges. The solution is to use **elliptipar's Style M417** Xtra large reflectors with 1000W metal halide lamps. The fixtures are mounted on modified 20 ft. pendants to assure that light is thrown sufficiently to spread uniformly over the entire ceiling.

Yielding a dramatic 100% increase in footcandles over the prior lighting scheme, the **Style M417 XL** luminaires also introduce a high level of visual comfort to the space. Because of the corrosive nature of indoor pool environments, **elliptipar's** aluminum and stainless steel construction is especially important to the life of the project.



Lighting the space asymmetrically succeeds in brightening what is a very busy ceiling. Lighting from only two perimeter edges also allows for easy maintenance and relamping from the pool deck. Pool pendants specified with the SQ option code accept surface conduit feeds while providing lockable, plumb suspension from a sloped roof deck.



The **Style M417 XL** features multiple reflector/sidearm positions for design flexibility and a locking set screw for aiming. The integral CWA ballast offers quieter operation. Option code VP is specified for natatorium spaces.