

Style
M454
(Dome
spotlights
by others)



Restoration Architect:

Clements & Associates Architecture

Engineer: Secretary of State, Mechanical and Electrical Division

Photography: Capitolshots

Building Exterior:

Lower façade: Front and rear elevations = 425' long x 57' tall (flood line to cornice); end elevations = 130' x 57'

Dome colonnade: 80' diameter x 27' tall

Lighting: (42) M454-0150-F or S-06-A-XX-0 with ED17 CMH lamp for lower façade, located at 10' to 30' setbacks and 30' o.c. spacing;
(2) M454-0400-S-06-A-XX-0 with CMH lamp flanking entry;
(24) pre-existing M454-0175-S-02-A-00-0 for dome colonnade, located at 4' setback and 10' o.c. spacing

Estimated illuminance: 3 fc avg. initial (lower façade)

Estimated power density: 0.13 W/sf (lower façade)

elliptipar Style M454

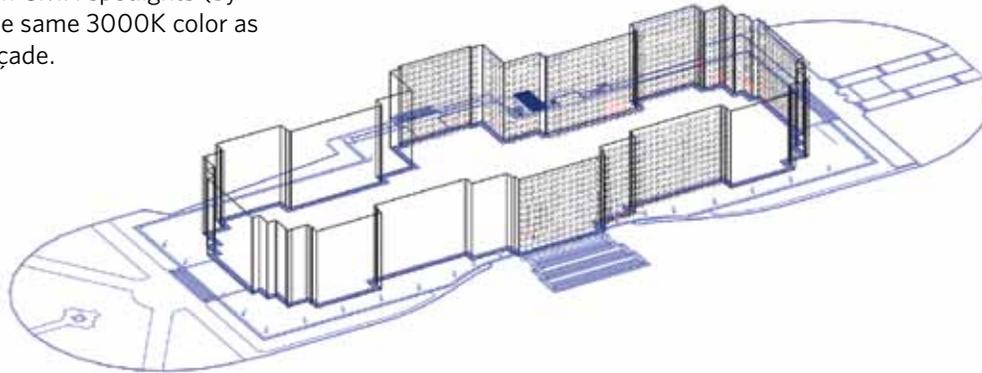
The Arkansas State Capitol was built as a replica of the U.S. Capitol and has been used as a stand-in for it in many movies. This design choice stems from the idealism of the populist Progressive Era. The Capitol was built between 1899 and 1915 of Arkansas limestone and features bronze entrance doors designed by Tiffany & Company and a cupola covered in 24 karat gold leaf.

Uniformity was achieved to dramatic effect in lighting the expansive façade. **elliptipar Style M454s** with 3000K, 150 watt ceramic metal halide lamps are mounted at 30 feet o.c. along the balustrade wall formed by the basement's roof. A pair of 400W CMH units flank the main entry.

175W **M454s** from an earlier project remain to light the dome barrel colonnade. The dome above the colonnade is illuminated by narrow-beam CMH spotlights (by others) in the same 3000K color as the lower façade.



4000K CMH units were introduced at the main entry, where the grand stair interrupts the typical fixture spacing.



175W **M454s** from an earlier project were retained at the dome colonnade, providing a cooler (4000K) contrast.



Surface mounted **M454s** with external "feet" were used at building setbacks. Units on slipfitters (not shown) were used at limited lawn mounting locations.

The **M454** is Cradle to Cradle Certified™ designating environmental safety and reusability in component materials.



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