



Style
F308

Executive Architect:
Tod Williams and Billie Tsien
Associate Architect: Ballinger
Lighting Design: Fisher Marantz Stone
Landscape Architect: Olin
Engineer: Altieri Sebor and Wieber, LLC
Photography: Michael Moran
(except where indicated)

Translucent Façade Cavity Wall:
Overall dimensions: 42' wide x 275' long x 32' high
Cavity depth: 36", with backdrop wall sloping to meet exterior glazing at the top (see photo, next page)
Outer glazing: 2-3/16" thick, multi-layer, color-free low-iron with translucent PVB interlayer by Pilkington;
panels fabricated by JEB Berkowitz and installed by LF Driscoll
Lighting: (74) F308-T228-S-00-T-OW-0 (8'), (4) F308-T221-S-00-T-OW-0 (6')
and (2) F308-T128-S-00-T-OW (4') concealed fluorescents with
0-10V dimming ballasts
Estimated power density: 0.25W/sf of façade (one of dual F308 reflectors
in operation)

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Dr. Albert C. Barnes collected art between 1912 and 1951, amassing 181 Renoirs, 69 Cézannes, 59 Matisses, 46 Picassos and the works of many other notable artists. The collection consists of over 800 paintings plus sculptures, numerous decorative pieces and artifacts, all arranged in groupings he called "ensembles." Barnes was interested in educational theory and practice and set up a foundation in Merion, PA for the study of art and horticulture. He stipulated that the collection "ensembles" remain static and never be loaned or toured.

After long-standing access and financial issues, a new site was sought for the original 23-gallery facility. The new center-city location in Philadelphia faithfully reproduces the dimensions and the placement of the art of the original galleries in Merion. The new setting incorporates a mix of natural and artificial light sources for diffuse, even light on the masterworks, and additional space surrounding the galleries allows greater amenities, educational space and a gallery for temporary exhibitions.

The Barnes Foundation's exterior consists of two minimalist forms, one clad in large limestone blocks and one in glass. **elliptipar Style F308** fluorescent cove lights, in the space between outer and interior walls of the glass box, dramatically announce the collection's new place in the public sphere.



Final focusing revealed that the **Style F308's** larger rear reflector acting alone provided sufficient coverage over the height of the façade cavity as well as adequate brightness for the backlit glazing.

The selected aiming (see photo at right) drives maximum candlepower toward the top of the backdrop surface while also grazing light up the rear surface of the translucent glass.

Style F308 is Cradle to Cradle Certified^{CM}, designating environmental safety and reusability in component materials.

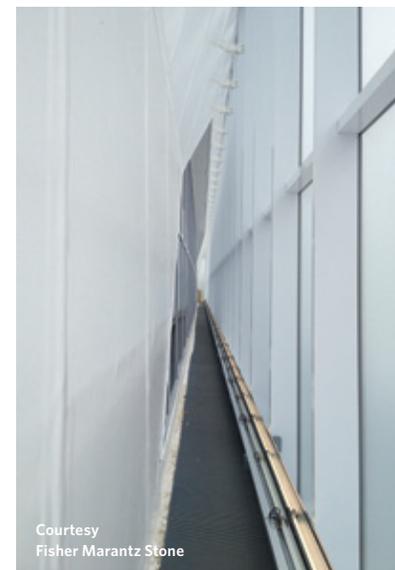


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Each reflector in the **Style F308** can be joined, aimed and locked independently.

U.S. Patents D468,457; 5,550,725



The upper back-drop of the 36" deep façade cavity slopes outward to meet the exterior glazing, presenting a complementary target surface that enhances the sense of uniformity over the 32' height.

Courtesy
Fisher Marantz Stone