

Modified
Style F306

Modified
Style F308



Architect: Steven Holl Architects with BNIM
Lighting Design: Renfro Design Group, Inc.
Photography: Roland Halbe Fotografie

Translucent Façade Cavity Wall

Outer glazing: Color free, low iron double plank LINIT channel glass in 16" widths x 5'-6" to 22'-6" heights. Diffusion provided by pebbled texture (surface 1) and light sandblasting (surface 2) plus 3" of Okalux insulation (between surfaces 2 and 3).

Interior glazing: Diffusing, acid-etched, two-ply laminated with PVB UV interlayer.

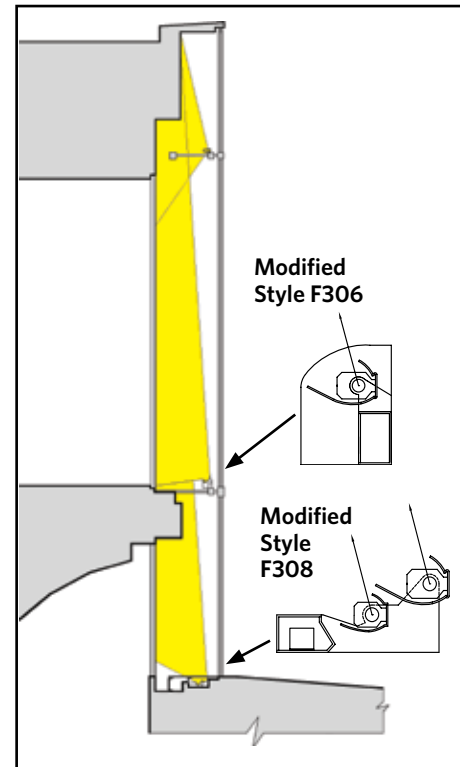
Lighting: Modified Styles F306 (single), F308 (dual-reflector) with 3500K T5HO lamps.

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The 5 “lenses” of Nelson-Atkins’ Bloch Building addition combine a unique cavity wall design with a three-layer shade system to carefully admit daylight onto interior reflecting surfaces. Those curved T-trusses, in turn, direct natural light into galleries and public spaces.

At night, the glazed structures become glowing forms rising through the landscape. Concealed runs of single- and dual-reflector T5HO luminaires on catwalks within the 28 in. cavity wall wash light up interior planes of translucent glass. Reflected light from those surfaces is then further diffused by the exterior channel glass, which incorporates translucent insulation as well as sandblasted and pebbled textures.

Light emanating from the Bloch Building creates an iconic presence on the sloped site, providing soft illumination for the surrounding walkways and artwork of the Kansas City Sculpture Park.



Each reflector row can be adjusted and locked independently, tailoring the light distribution to each target surface. Focusing is facilitated by a detail that joins units end-to-end in continuous runs, allowing synchronized aiming of rows up to 40'.

Diagram courtesy of Renfro Design Group, Inc.