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# Architectural PRODUCTS

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OF CHOICE**

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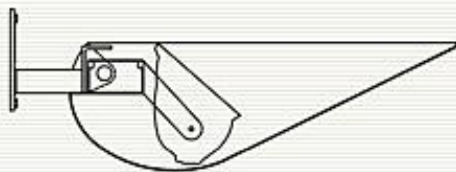


When planners at the University of Tampa began thinking about a spirituality center, a no-little-plans approach soon developed. The resulting Sykes Chapel manages to be both understated and awe-inspiring, thanks to a unique exterior design and the interior's reverence for wood.





*Mounting bracket arms were customized to accommodate the radius of the wall and shipped in predetermined installation modules.*



**RIGHT LIGHT:** Great care was taken in detailing the design and installation of the shrouds.

## Turning on the Terminal Lights

**CHALLENGE:** Outfit the Jet Blue Terminal in New York City's JFK Airport with a state-of-the-art lighting design.

**INFLUENCES:** Connected to Eero Saarinen's iconic symbol of flight known as TWA, the new JetBlue Terminal—Terminal 5—is scaled to meet the demands of 21st century air travel. The 26-gate facility has 40 ticket counters, 65 e-ticket kiosks and a 20-lane security checkpoint. Its architect, Gensler, needed a lighting solutions consultant to provide the lighting design in the terminal's public areas—approximately 400,000 sq. ft. organized over two floors—as well as provide exterior lighting design on both the public and tarmac areas.

**CRITERIA:** The lighting design needed to respond to the architecture of the terminal, support Jet Blue's branding and culture, be highly maintainable, and create an exciting and welcoming atmosphere for the customers. The terminal also needed to feature light fixtures with excellent performance that were constructed with quality materials and able to integrate well into the architecture.

**SOLUTION:** Gensler commissioned The Lighting Quotient to design, fabricate and install the terminal's illumination. The marquee element is the lighting of the departure hall. Using the company's Style F139 luminaires, which were modified to hold three T5HO lamps per reflector, light is projected across the sloped ceiling. For aesthetic purposes, the luminaires are installed in custom shrouds in nominal 12-ft. runs. To compensate for the cut off caused by the shrouds and because of the massive scale of the ceiling, additional light is projected from a cove on the opposing wall using Style F308 luminaires. Each unit consists of two nominal 8-ft. reflectors with four T5HO lamps, assuring a bright, uniform wash of light across the entire ceiling plane.

According to Joseph "Zach" Zaharewicz, vice president, design, elliptipar, **The Lighting Quotient**, it was the manufacturer's ability to provide custom/modified fixture solutions that balanced attention to detail and ease of installation with lighting performance and aesthetic requirements that ultimately sold Gensler on their ability to do the job. Great care, in fact, was taken by the company's customs department in detailing the design, fabrication and installation sequence of the shrouds. Mounting bracket arms, for example, were customized to accommodate the radius of the wall and shipped in predetermined installation modules. Additionally, the contractor was given a drawing for a mounting jig to maintain spacing while pre-drilling the mounting holes. To further simplify the installation, the shrouds were designed to be mounted after the Style F139 fixtures were in place. Black PVC foam board reveals were provided to maintain the unified appearance of the 12-ft. shroud assemblies, which are comprised of three 4-ft. modules.

Furthermore, the Large Style F139 Ovalinear was modified with a rectangular through-wired ballast box, capable of receiving special support arms and a custom shroud. The standard 2-ft. reflector length normally used with long twin-tube CFL lamps was extended to 4-ft., allowing each module to contain three 54-watt T5HO lamps. Integrally ballasted, dual T5HO Style F308s offer versatile cove lighting for large spaces. The large upper reflector maximizes asymmetric performance and can be aimed lower for longer throws. Each row of reflectors can be aimed together and secured with locking setscrews. The end result generates a high level of visual comfort that makes Terminal 5 an inviting place to begin a journey. Visit [www.thelightingquotient.com](http://www.thelightingquotient.com) or Circle 441.