



Style F307
concealed
T5HO
fluorescent

Architect: Robert A. M. Stern Architects
with Rolland, Del Valle & Bradley
Lighting Design: Fisher Marantz Stone
Engineer: Tilden Lobnitz Cooper
Photography: Rob Pepple

Grand Stair, Vaulted Ceiling

Plan: 40' wide x 84' long
Heights: 14' a.f.f. to cove; 21' a.f.f. to vault spring line; 28' a.f.f. to vault apex
Lighting: (42) F307-T155-S-00-1-00-0 (nominal 4' dual-reflector Xtra
Small T5HO, 21 units end-to-end, both sides)
Estimated illuminance on coffered ceiling: 66 fc avg. initial
Estimated contribution to stairs: 20 fc ai on upper landing; 18 fc ai on lower landing
Estimated power density: 1.5 W/sf of projected vault footprint

elliptipar Style F307

The 320,00 square foot main library building was planned to be both a civic destination for the people of Jacksonville and a repository for the library's collections. Designed as a modern interpretation of the city's more traditional civic buildings surrounding it, the library incorporates intimate reading spaces, a 400 seat auditorium, a 5,000 square foot multi-purpose room, conference rooms, an elevated garden courtyard, a cafe and a 10,000 square foot Grand Reading Room with a vaulted ceiling 46 feet in the air.

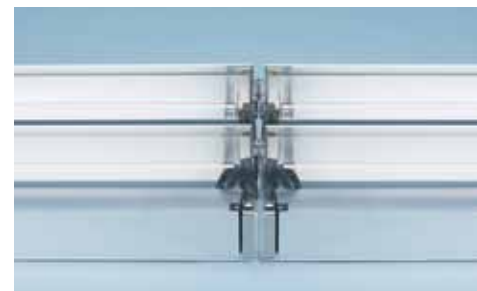
The library's generously proportioned main entrance hall features a grand staircase that connects the many departments and collections as it rises through the building. **Style F307** fixtures are concealed in the coves at the top of the stairs. The dual reflectors on the **F307s** are aimed to uplift the vertical planes of the vault and to throw an even wash of light across the coffered ceiling. The overall effect draws patrons to the Grand Reading Room located at the top of the stairs.



The **F307's** upper reflector is aimed slightly forward, while the lower reflector is rocked slightly backward. This configuration minimizes socket shadows while avoiding a discernible shadow line at the base of the vertical surface.



The two independently aimed reflectors of the **Style 307** coupled with T5HO lamps offer great flexibility, precise optical control and energy efficiency.



Reflectors in a row can be joined and aimed together and locked in place. Each luminaire features an integral electronic ballast and thru wiring for easy installation.