



Style F307
in coves

Architect: Lord Aeck Sargent Architects
Engineer: Newcomb & Boyd
Photography: Jonathan Hillyer

Exhibit Hall

Plan: 28' wide at floor; 37' wide at clerestory ledges; 112' in length
Heights: 13' to coves/ledges; 18' to clerestory ceiling; 23' to ridge line
Lighting: (36) F307-T155-S-00-T-00-0 with Lutron dimming ballasts
(18 units along each side, spaced 6' o.c. between beams)
Estimated illuminance: 27 fcai on wood ceiling; 6 fcai on floor
Estimated power density: 1.5 W/sf of main floor area (cove lights only)

elliptipar Style F307

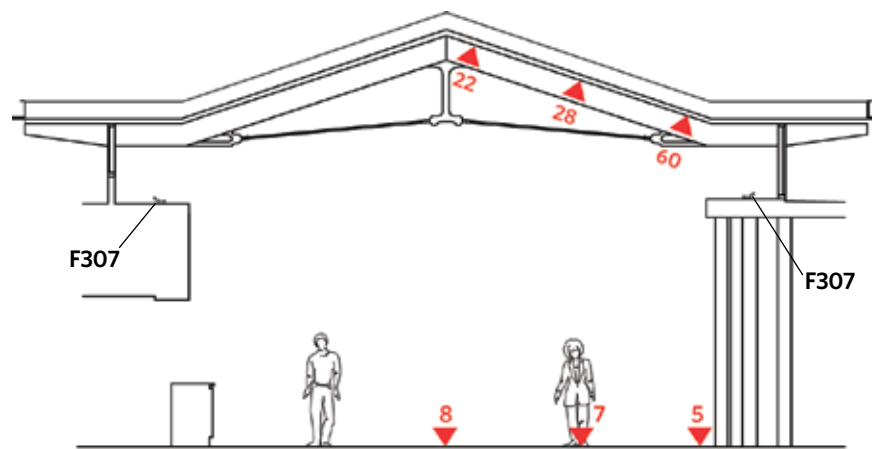
In anticipation of the 75th anniversary of the Blue Ridge Parkway (2010), the National Park Service commissioned a new tourist center to orient visitors to the Parkway and the heritage and traditions of the mountains it traverses.

In keeping with the Park Service's sustainable design initiative, the Center incorporates active/passive heating and cooling, radiant floor heating, a "green" roof and other sustainable design strategies. This **LEED Gold certified** project scored a perfect 10 points and received an Innovation & Design credit for Exemplary Energy Optimization.

The Center is equipped with energy efficient luminaires and daylight and occupancy sensors to take maximum advantage of available natural light and minimize energy consumption. **elliptipar's Style F307** extra small, concealed fixtures have two independently aimed reflectors that project light asymmetrically across the ceiling of the main exhibit hall from the perimeter coves. This leaves the ceiling free of clutter and open for signage and vertical displays. The 3000K T5 lamps in the **F307s** enhance the warmth of the wood and provide a welcoming glow in the space. Integral electronic dimming ballasts allow light levels to be adjusted based on available daylight.



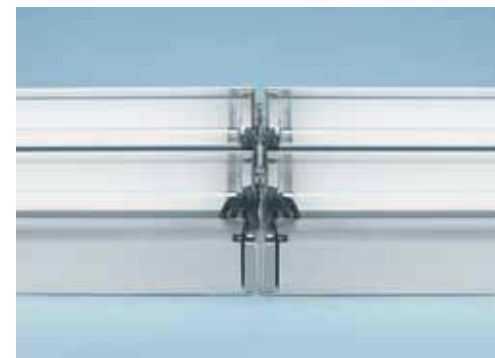
Dimming ballasts allow the concealed uplights to respond to available daylight.



Estimated initial footcandles, concealed **F307** uplights, 30/30/20 reflectances.



The low profile **Style F307s** feature integral electronic ballasts and through wiring for easy installation.



Each row of reflectors on the **Style F307** can be joined and aimed together when used in continuous runs. Rotation locking screws secure the aiming positions.

U.S. Patent nos. D468,457; 5,550,725 and foreign.