

Continuous runs of 4X® Style 302 concealed fluorescent cove lighting



### Atrium Space

Plan: 50' x 50', w/ 9' angled corners  
Heights: 44' to cove, 72' to dome apex  
Lighting: (44) F302-X440-S-00-T-000  
w/4x40W long twin-tube lamps  
and remote dimming ballasts  
Est. dome illuminance: 80 fc avg. initial  
Est. floor illuminance: 14 fc avg. initial  
Est. LPD: 1.0 W/sf per floor (3 levels)  
LPD allowance: 1.3 W/sf per floor  
(3 levels)

**Architect:** EYP Architects and Engineers  
**Lighting Design:** Steve Rosen and Kathy Abernathy, Available Light  
**Photography:** Edward Jacoby

MIT's Main Group buildings were designed by William Welles Bosworth and completed between 1912 and 1938.

The new lighting design for Building 7 received IALD's 2003 Radiance Award.

## elliptipar 4X® Style F302

**4X** features a patented arrangement of opposing long twin tube fluorescent lampholders that clusters all four tubes tightly around a single focal point. This allows **elliptipar's** unique asymmetric reflector to deliver the superior punch and control that sets it apart from other products with the same number of lamps.

With 4 times the lumens per foot of a single T8 or T5, and more than twice that of a single T5HO, **4X** provides high lumen performance for grand spaces. Automatic dimming balances the contrast between the dome uplighting and natural (day) and artificial (night) backlighting of the ocular skylight (by others).

U.S. Patent Nos. 5,434,762; RE37, 310E and Foreign.



Continuous **4X** runs with 40W, 3000K long twin tube fluorescents and remote adjacent dimming ballasts replaced intermittent mercury vapor uplights, improving both color and uniformity.



**4X Style F302** concealed units utilize 39W, 40W, 50W and 55W long twin tube fluorescents (12,000 to 20,000 hour life).