

Based on the photometric test data, the sample luminaire (Figure 110) has the following zonal lumen distribution:

- **Back-light Rating:**  
Determine the lowest rating where the lumens for all of the secondary solid angles do not exceed the threshold lumens from Table 19 (A-1). In this example the backlight rating would be B2 based on the BL lumen limit.
- **Up-light Rating:**  
Determine the lowest rating where the lumens for all of the secondary solid angles do not exceed the threshold lumens from Table 20 (A-2). In this example the uplight rating would be U1 based on the FVH and BVH lumen limits.
- **Glare Rating:**  
Determine the lowest rating where the lumens for all of the secondary solid angles do not exceed the threshold lumens from Table 21 (A-3) for a Type IV distribution. In this example, the glare rating would be G2 based on the FH lumen limit.

Therefore, the BUG rating for this sample luminaire type IV would be: B2 U1 G2

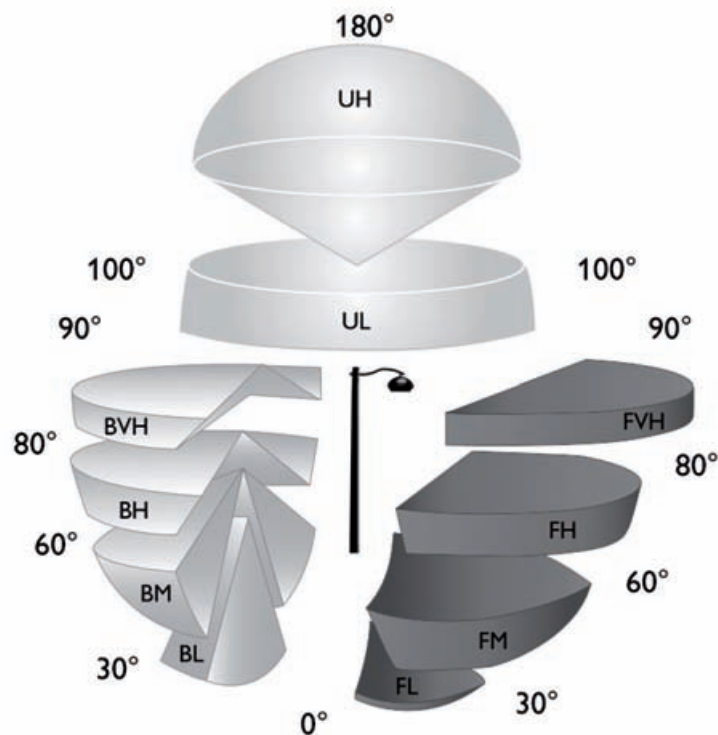


Figure 114  
Light distribution sections of a type IV light for BUG rating process.