

LIGHTING



ASTM E283 Air Leakage Testing for Recessed Lighting Products

New energy conservation regulations require recessed luminaires to be sealed to limit air leakage when used in residential applications within the building thermal envelope.

UL offers complete testing and certification for recessed luminaires

UL offers air leakage testing to demonstrate compliance with the requirements of the International Energy Conservation Code (IECC) and the California Energy Commission's Building Energy Efficiency Standards (Title 24, Part 6) for recessed luminaires installed in the building thermal envelope of residential buildings. These codes and regulations require type IC-rated recessed luminaires intended for installation in residential buildings to have an air leakage rate not more than 2.0 cfm when tested in accordance with ASTM E283 at a 1.57 psf pressure differential.

Enhanced UL Certification Mark for Safety + Performance

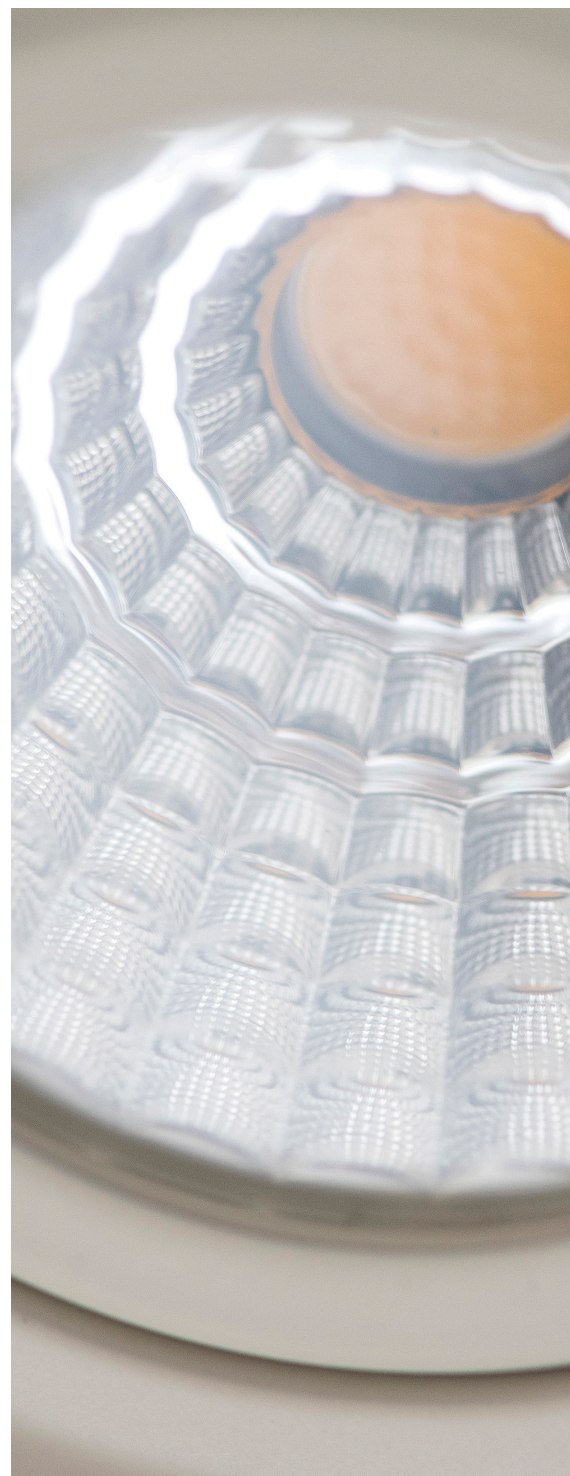
For recessed luminaires, UL offers both a safety evaluation to UL1598 and performance testing to ASTM E283 to demonstrate compliance with the air leakage requirements found in the IECC and in Title 24, Part 6.

Products tested by UL and found to comply with both sets of requirements will have a new enhanced mark as shown.

A UL Safety Mark plus an additional separate marking indicating 'air tight' does not indicate that UL certified the ASTM E283 performance. The combination mark as shown above is a positive indication that UL performed the air leakage testing.



ALSO CERTIFIED
TO ASTM E283



For more information contact UL at LightingInfo@UL.com.