

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
AIR AND RADIATION

April 12, 2023

Dear ENERGY STAR® Residential Window, Door, and Skylight Partner or Other Interested Stakeholder,

With this letter the Environmental Protection Agency (EPA) is now pleased to announce the final ENERGY STAR Most Efficient recognition criteria for 2023 for Residential Skylights and Tubular Daylighting Devices (TDDs) detailed in the following table and on [this webpage](#). These criteria will recognize the best performing lines from multiple skylight manufacturers as well as an elite set of TDD products, enable American taxpayers to take advantage of the tax credit allowances, and align with the current criteria established in Canada.

Energy Efficiency Requirements for Most Efficient Skylights		
Climate Zone	U-Factor ¹	SHGC ²
Northern	≤ 0.40	Any
North-Central	≤ 0.43	≤ 0.23
South-Central		
Southern		

¹ Btu/h ft²·°F

² Solar Heat Gain Coefficient

EPA thanks stakeholders who submitted comments on the proposed criteria. One manufacturer submitted comments highlighting that new product components are available on the market that could help meet or exceed these criteria. Two commenters proposed slightly less stringent U-factor criteria for all climate zones based on concerns about ongoing stress within component supply chains, the possible need to require triple-pane products, and the resulting increased cost of high-performance products (before the tax credit).

EPA appreciates the commenters' concerns. ENERGY STAR Most Efficient recognizes products that deliver cutting edge energy efficiency along with the latest in technological innovation. As stated above, multiple, including larger production partners, have products today that can meet these criteria. Further, numerous double pane products certified by NFRC meet these criteria. Aligning the Most Efficient skylight and Canadian skylight criteria will expand the market for these high-performance products. While analysis of skylights savings potential is difficult due to energy modeling complexity, EPA estimates that skylights that meet the ENERGY STAR Most Efficient criteria will have a more than 20% improvement in U-factor over conventional models across all climate zones.

If you have any questions about the specification, please contact windows@energystar.gov or me at anderson.doug@epa.gov.

Thank you for your continued support of the ENERGY STAR program.

Sincerely,

A handwritten signature in black ink that reads "Douglas W. Anderson".

Douglas W. Anderson
Product Manager for Windows, Doors, and Skylights
ENERGY STAR Labeled Products

Enclosures:

ENERGY STAR Most Efficient Recognition Criteria for Residential Skylights and Tubular Daylighting Devices

<https://www.energystar.gov/sites/default/files/asset/document/Residential%20Skylights%20and%20Tubular%20Daylighting%20Devices.pdf>