PHYSICAL EXCELLENCE

1. Polish
2. External Symmetry
3. Proportions

LIGHT PERFORMANCE EXCELLENCE

4. Optical Brilliance
5. Fire
6. Scintillation

OPTICAL EXCELLENCE

7. Optical Symmetry
8. Shape Aesthetics or Heart & Arrows



CERTIFIED CONFIDENCE.
Every GCAL 8X certified diamond is accompanied by a grading guarantee and full light performance imaging —so what you see is what you get. It's beauty, scientifically measured and verified. When only the best will do, choose 8X.

PREMIUM CUT | ACCURATELY GRADED | SUPPORTED BY SCIENCE | GUARANTEED BY GCAL

GCAL 8X®

Ultimate Diamond Cut Grade

THE ULTIMATE DIAMOND CUT GRADE

GUARANTEED CERTIFICATE

Learn more at GCALUSA.com



Only the Best Earn

8X®



Why 8X?

In a sea of “Excellent” cut grades, the 8X® Ultimate Cut Grade was created to identify the top-performing diamonds - the true elite. It’s more than a grade; it’s a guarantee of breathtaking beauty and precision.



What Sets 8X Apart?

8X certification doesn’t just look at polish, symmetry, and proportions. It goes deeper, with eight rigorous assessments that capture a diamond’s brilliance, fire, scintillation, and craftsmanship. It’s a standard trusted by elite retailers and discerning buyers who want certainty they are getting the best cut.



There are three primary ways the diamond industry evaluates cut quality: traditional cut grading, light performance, and optical precision. The 8X Ultimate Cut Grade combines all three — delivering a complete and uncompromising standard of excellence.





Physical Excellence

Evaluates polish, symmetry, and proportions—the traditional foundation of cut grading. It measures the precision of the cut, the angles, and the exactness of each facet.



Light Performance Excellence

Assesses how the diamond handles light to create brilliance, fire, and scintillation. These are the dynamic visual effects that bring a diamond to life with sparkle visible from across a room.



Optical Excellence

Examines the visual symmetry and craftsmanship of a diamond's cut, including the precise facet alignment that creates the Hearts and Arrows pattern in round brilliants. For fancy shapes, Optical Excellence assesses shape appeal, facet harmony, and other aesthetic features unique to each shape.