

Round Brilliant Diamond Visual Tendencies*



Descriptions are general. Read usage notes.

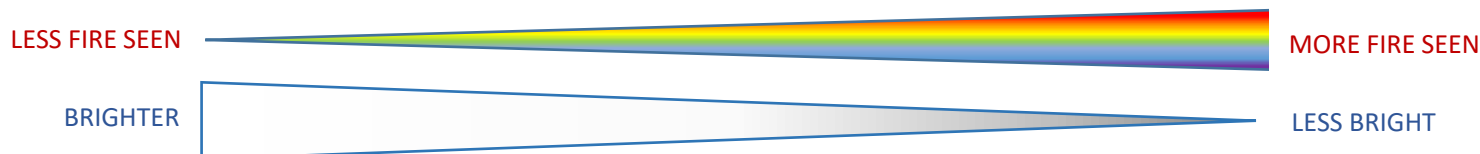
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Visual Type:	Less Fire, Bright	More Brightness	Bright Balanced	All Around (Near Tolkowsky)	Firey Balanced	More Fire
Crown Angle:	31-32°	32-33°	33-34°	34-35°	35-36°	36-36.5°
Pavilion Angle:	41.5°	41.2°	41.0°	40.8°	40.6°	40.5°
Lower Halves:	80%+	78%+	77-84	74-82	77-80	78%+

Risk of chipping <<< Table size range by carat weight below >>> Small for weight

Under 0.50 ct	55-61%	55-61%	55-60%
0.50-0.99 ct	58-60%	55-60%	55-60%
1.00-1.99 ct	57-60%	54-59%	54-59%
2.00 ct +	56-59%	55-58%	54-58%
Best for:	Earrings/Pendants	Bigger spread < - - - Engagement Rings - - - >	Smaller spread



USAGE NOTES: Be sure to use crown angle ° and pavilion angle ° data - not percentages (%).
 Combinations on this chart range from predicted AGS 0 (Ideal) Light Performance to AGS 2 (Very Good).
[Use the Holloway Cut Advisor \(HCA\) to verify predicted light return. The best HCA score is Excellent.](#)

Warning: This chart does not account for factors like undisclosed haze, clouds, etc. which may impact performance.

Limitation: Proportions data cannot be used to predict 3D optical precision, aka Hearts & Arrows.

***Confirmation:** Proof trumps numbers. Request an Ideal Scope or ASET image of the diamond to verify performance.

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