

**SARINE** GIA FACETWARE™ CUT ESTIMATOR

Stone Name: 8416 Date: 08.06.11

Parameter	Measured Value	GIA Values
Shape	ROUND	ROUND
Estimated Weight (cts.)	0.634	
	(5.50 - 5.54)	5.52
Diameter (mm)		57
Table Size (%)	56.9	34.5
Crown Angle (°)	34.46	40.8
Pavilion Angle (°)	40.84	55
Star Length (%)	57.2	75
Lower Halves (%)	77.4	3.5
Girdle Thickness (%)	3.53	MED
Girdle Minimum (%)	1.70	STK
Girdle Maximum (%)	2.48	
Culet Size (%)*	0.72	None / Very Small
Crown Height (%)	14.80	15.0
Pavilion Depth (%)	42.92	43.0
Total Depth (%)	61.26	61.3
GIA Cut Grade (estimated)**		<b>Excellent</b>

\*Conversion of percentage (%) values to verbal description is approximate. \*\* Limitations..

Additional requirements for the presented Estimated GIA Cut Grade

	EXCELLENT	VERY GOOD	GOOD	FAIR
Symmetry / Polish	EX or VG	EX, VG, or G	EX, VG, G, or F	ough Poor
Girdle Min - Max	THN - STK	VTN - THK	ETN - VT	TK
Culet size	NON-VSM-SML	MED or smaller	L	

3D Model Dimensions:  
 Table: 6.52mm  
 Table Width: 3.142mm 57%  
 Crown Angle: 34.5°  
 Crown Height: 0.195mm 3.5%  
 Pavilion Angle: 40.8°  
 Pavilion Depth: 2.369mm 43.0%  
 Total Depth: 3.381mm 61.3%  
 Girdle Thickness: 0.040mm 0.72%

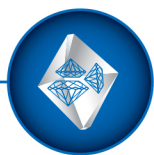
## GIA Facetware™



Grading



Recut

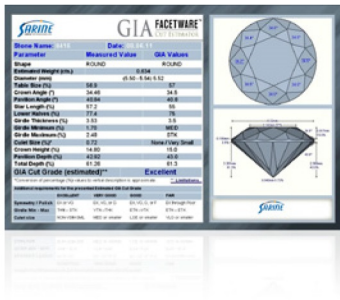


Planning

GIA® Facetware™ official software add-on is fully compatible with Sarine's products. Users benefit from detailed Cut and Symmetry grading information, as defined by GIA, including grades and system warnings on borderline stones. Sarine's asymmetrical algorithm enables planners to optimize value in real time throughout the planning and manufacturing process, and facilitates diamond recutting optimization by achieving Cut grade goals.

- Displays GIA estimated Cut grades
- Enables rough planning optimization according to GIA standards
- Maximizes recut efficiency
- Compatible with Sarine's Instructor™ and Advisor™ software packages

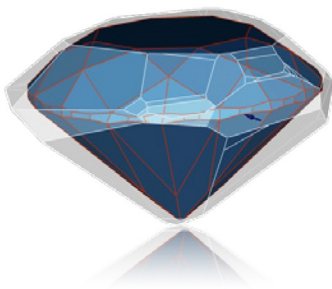
## Grading



Measure	Value	GIA Value
Shape	ROUND	ROUND
Measured Weight (ct)	0.84	0.84
Carat Weight (ct)	0.84	0.84
Table (%)	56.8	57
Depth (%)	61.4	61
Width (%)	65.4	65
Length (%)	65.4	65
Min. Depth (%)	57.4	58
Max. Depth (%)	65.4	66
Min. Width (%)	57.4	58
Max. Width (%)	65.4	66
Min. Length (%)	57.4	58
Max. Length (%)	65.4	66
Min. Table (%)	56.8	57
Max. Table (%)	56.8	57
Min. Depth (%)	57.4	58
Max. Depth (%)	65.4	66
Min. Width (%)	57.4	58
Max. Width (%)	65.4	66
Min. Length (%)	57.4	58
Max. Length (%)	65.4	66

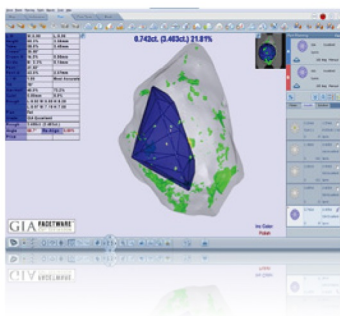
- Official GIA grading applied to Sarine's Instructor™ and Advisor™ software
- Grades polished diamonds to obtain estimated GIA Cut grades
- Provides borderline grade warnings

## Recut



- Enables virtual recut maximizing GIA diamond Cut grading
- Selects the optimal solution out of thousands of GIA Cut combinations
- Increases your polishers' confidence

## Planning



- Rough diamond planning for optimal yield and Cut grade
- Helps avoid unanticipated downgrading and re-certifications
- Real time assessment throughout polishing stages

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LEOBLU LTD. 213/3 Soi Sainamthip2, Sukhumvit22, Klong-Toei, Bangkok 10110 Thailand.  
Tel : +66-81-902-4877 (WhatsApp only), Email : blubkk@loxinfo.co.th

## Sarine™ Industry Presence

