



INTERNATIONAL
GEMOLOGICAL
INSTITUTE

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LABORATORY GROWN DIAMOND REPORT

September 29, 2026

IGI Report Number

LG840644271

Description

LABORATORY GROWN DIAMOND

Shape and Cutting Style

ROUND BRILLIANT

Measurements

7.44 - 7.47 X 4.62 MM

GRADING RESULTS

Carat Weight

1.58 CARAT

Color Grade

E

Clarity Grade

VS 1

Cut Grade

IDEAL

ADDITIONAL GRADING INFORMATION

Polish

EXCELLENT

Symmetry

EXCELLENT

Fluorescence

NONE

Inscription(s)

 LG840644271

Comments: This Laboratory Grown Diamond was created by Chemical Vapor Deposition (CVD) growth process.
Type IIa

PROPORTIONS

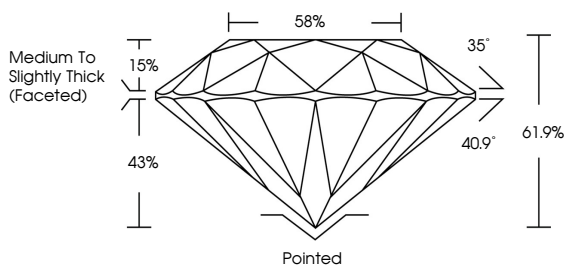


Diagram showing the proportions of a Round Brilliant diamond. Key measurements include: Table 58%, Crown Angle 35°, Pavilion Angle 40.9°, Total Depth 61.9%, Girdle Thickness 15%, and Facet Depth 43%. The diagram is labeled "Medium To Slightly Thick (Faceted)" and "Pointed".

Sample Image Used

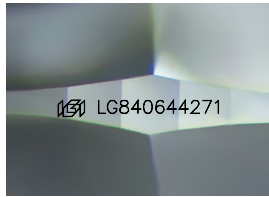


Image showing the diamond sample with the inscription "LG840644271" visible on the girdle.

COLOR

D	E	F	G	H	I	J	Faint	Very Light	Light
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CLARITY

FL	IF	VS ¹⁻²	VS ¹⁻²	SI ¹⁻²	I ¹⁻³
Flawless	Internally Flawless	Very Very Slightly Included	Very Slightly Included	Slightly Included	Included

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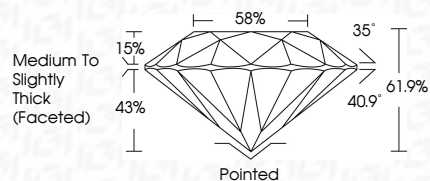


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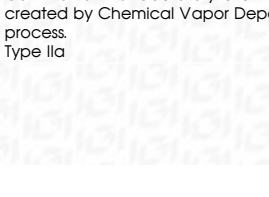


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ROUND BRILLIANT

7.44 - 7.47 X 4.62 MM

1.58 CARAT

E

VS 1

IDEAL

61.9%

88%

Medium To Slightly Thick (Faceted)

Pointed

EXCELLENT

EXCELLENT

NONE

 LG840644271

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Type IIa

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