



INTERNATIONAL
GEMOLOGICAL
INSTITUTE

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LABORATORY GROWN DIAMOND REPORT

September 1, 2026

IGI Report Number

Description

Shape and Cutting Style

Measurements

LG833649486

LABORATORY GROWN DIAMOND

ROUND BRILLIANT

7.35 - 7.40 x 4.43 mm

GRADING RESULTS

Carat Weight

Color Grade

Clarity Grade

Cut Grade

1.45 CARAT

D

FLAWLESS

IDEAL

ADDITIONAL GRADING INFORMATION

Polish

Symmetry

Fluorescence

EXCELLENT

EXCELLENT

NONE

Inscription(s)

Comments: As Grown - No indication of post-growth treatment.

This Laboratory Grown Diamond was created by High Pressure High Temperature (HPHT) growth process.

Type II

 LG833649486

LG833649486

Report verification at [igi.org](https://www.igi.org)

PROPORTIONS

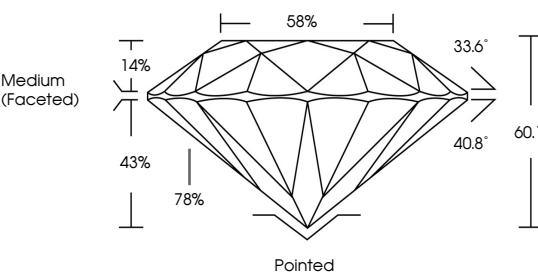
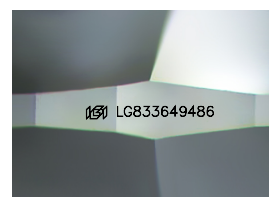


Diagram showing the proportions of a Round Brilliant diamond. Key measurements include: Table 58%, Crown Angle 33.6°, Pavilion Angle 40.8°, Depth 60.1%, and Girdle thickness 14% to 43% (Medium (Faceted)). The diagram is labeled "Pointed".



Sample Image Used

LIGHT PERFORMANCE REPORT

Light Performance Grade: Exceptional

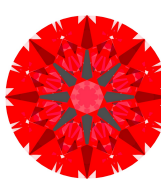


Diagram showing the light performance of the diamond, illustrating the structured light environment representation.

Structured Light Environment Representation

ModerateHighSuperiorExceptional

Light Performance

Brightness

Fire

Contrast

COLOR

D E F G H I J FaintVery LightLight

CLARITY

FL IF VS¹⁻² VS¹⁻² SI¹⁻² I¹⁻³

FlawlessInternally FlawlessVery Very Slightly IncludedVery Slightly IncludedSlightly IncludedIncluded



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Depth

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Girdle

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www.igi.org

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