

**DIARY Report** #DD1751212275349

Jun 29th 2025

Dynamic  
Version



## GIA SUMMARY

### Carat Weight

0.50 carat

### Clarity Grade

VS1

### Fluorescence

Faint

### Color Grade

Fancy Intense Yel...

### Measurements

4.50 x 4.17 x 2.78 mm

### GIA No.

5416457883

### Shape & Cutting

Radiant

### Origin

Not Specified



## THE CAUSE OF COLOR IN YOUR YELLOW DIAMOND

The **Yellow** color of your natural 0.50 carat, Fancy Intense Yellow is attributed to a significant concentration of nitrogen atoms within its structure. These atoms absorb blue light, giving the diamond its distinct yellow hue. The intensity of the yellow color increases with the concentration of nitrogen in the diamond. Therefore, a higher concentration of nitrogen results in a more vibrant yellow appearance.



## A WORD ABOUT THE SATURATION OF YOUR DIAMOND

The grade **"Intense"** is the Third strongest saturation on the scale and represents **18%** of all Yellow diamonds. Those graded as "Intense" Yellow exhibit powerful saturation and convey a strong color sensation.

There are Four available saturation levels in Yellow color diamonds, Fancy Intense being the Third most saturated.



Fancy Light yellow

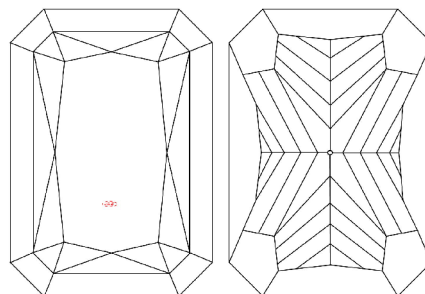
Fancy yellow

Fancy Intense yellow

Fancy Vivid yellow

## THE FUNDAMENTALS OF THIS DIAMOND'S SHAPE

The **Radiant** cut is a square or rectangular diamond with clipped corners, usually polished with a minimum of 59 facets. The Radiant is polished with a Starburst style pavilion, inspired by a round brilliant cut diamond, hence the name of this shape. **53%** from all Yellow fancy color diamonds are polished as Cushion / Radiant.



## TRUE FACE-UP

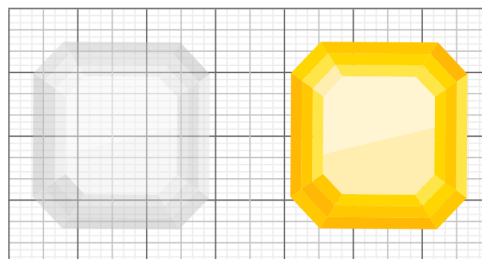
The carat weight and physical size of a diamond are important factors in determining its value. However, when it comes to fancy colored diamonds, there is a tendency to prioritize other visual elements over their size, and as a result, the surface area of the face-up view is not always given high priority. Diamonds that appear slightly smaller are considered to be within the norm. However, diamonds that appear larger in relation to their weight will receive a premium.

\* The data in this section pertains to the relationship between your diamond's face-up dimensions and the average face-up dimensions for relevant weight categories.

The Diamond's face-up view appears true to its carat weight.

Average face-up for  
this weight

Your diamond 4.5mm  
x 4.17mm



## LEARN HOW UNIQUE IS THE WEIGHT OF A 0.50 CARAT IN YELLOW DIAMONDS

**14.3%** Of all Fancy Intense Yellow diamonds  
are smaller than yours



This 0.50 ct

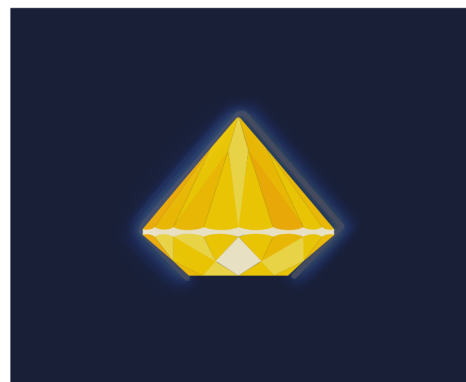
## THE VS1 CLARITY IN THIS FANCY INTENSE YELLOW DIAMOND

The **VS** clarity in your Fancy Intense Yellow with Radiant shape cut represents only 52% of all Fancy Intense Yellow diamonds in the 0.50 - 0.69 carat weight category.

|                                                  |                                              |                                        |                                 |                                 |                                |
|--------------------------------------------------|----------------------------------------------|----------------------------------------|---------------------------------|---------------------------------|--------------------------------|
| <b>F/IF</b><br>Flawless /<br>Internally flawless | <b>VVS</b><br>Very Very Slightly<br>Included | <b>VS</b><br>Very Slightly<br>Included | <b>S11</b><br>Slightly Included | <b>S12</b><br>Slightly Included | <b>I</b><br>Inclusion or Pique |
|--------------------------------------------------|----------------------------------------------|----------------------------------------|---------------------------------|---------------------------------|--------------------------------|

## THE FAINT BLUE FLUORESCENT IN THIS DIAMOND

Fluorescence refers to the emission of visible light when a diamond is exposed to UV light. The fluorescence in this diamond is caused by the presence of trace elements within the lattice of the diamond. When a diamond is exposed to UV light, these elements absorb the energy from the UV light. They become excited, and as a result, release energy in the form of a Blue glow. The **Faint Blue** fluorescence in this 0.5 carat has no impact on its quality. It is impossible to spot a glow of this **Faint Blue** Fluorescence in the diamond without a special UV light device.



## HOW RARE IS THIS 0.50 CARAT?

- Only **1 in ~ 4,000** diamonds will have similar characteristics
- A mere **460 to 580** similar diamonds enter the market yearly

RARITY GRADE  
**OUTSTANDING**



The data on the Fancy Color Diamond Diary© may change from time to time and is not a guarantee or a reflection of the diamond's value. The origin of the diamond is provided solely according to the input of the person for whom the report was produced. The gemological description of the diamond is obtained from the GIA website. To maintain the accuracy and currency of the information, it is advised to periodically update the diary, especially prior to each use. For additional information about the data and other limitations, please contact us at [customers@fcresearch.org](mailto:customers@fcresearch.org).

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