### 2020.02.06 - DiamCalc 3.4.21

Here you can find information about what is new in DiamCalc version 3.4.21.

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#### Remove quality mark for Av. metrics

On the Cut Quality panel, for the Av.brightness and Av.energy metrics, the quality marks have been removed. Non-estimated metrics will be displayed as follows:

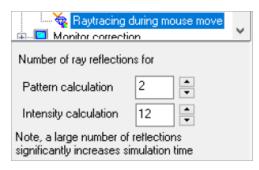
```
→ Symmetry: not computed

→ Start Av. brightness: 0.55 [...]

→ Start Av. energy: 0.37 [...]
```

### Number of Ray Reflections Settings

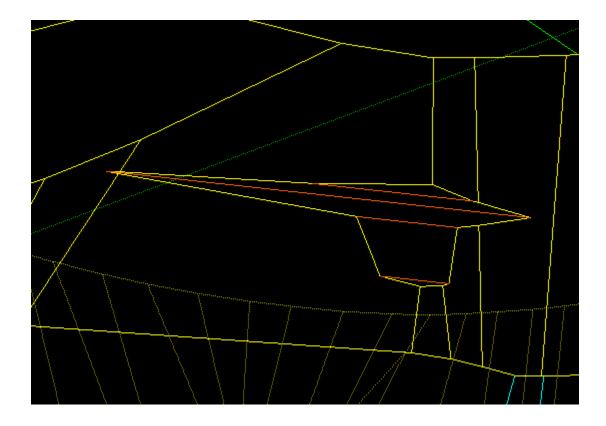
The default value for the number of ray reflections for the **Intencity calculation** is set to 12.



At the same time, the Pattern calculation parameter influence on the OPTICS is adjusted.

## Visualize Model Concavity

Model concavity is now visualized with contrast colors (orange on the picture below):



# Fixed Problems and Improvements

The following fixes for the known problems and improvements have been implemented:

- The problem with button File/Report (Export to Word) not opening the report has been solved.
  Some other minor fixes and improvements have been made.