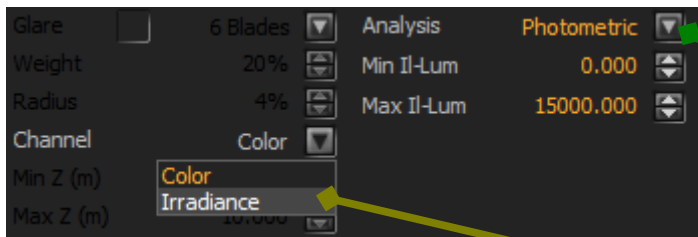
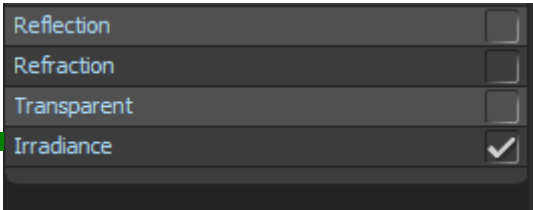


Step 1 (Optional)
If you are using Adaptive BSD method, it is important to uncheck the "Clamp Radiance" in the Biased RT Render settings. This value is normally switched on to improve antialiasing.

Step 2 (Optional)
If illuminance analysis is needed besides luminance, then you will need to check Irradiance channel in the General Render settings. Note, that currently this can be only computed by Adaptive BSD engine.

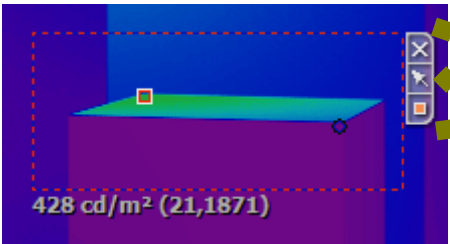
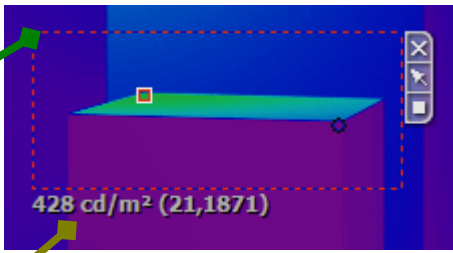


Step 3
Select photometric analysis after or during render (edit the limits if needed).

Photometric analysis switches from luminance to illuminance when Irradiance channel is selected

Step 4
Click and drag with the right mouse button to select a region of interest.

The average value is shown. The extreme values are also shown in parenthesis (their locations are shown with circle and rectangle).



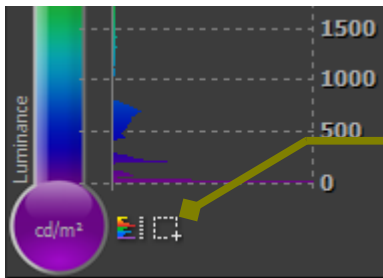
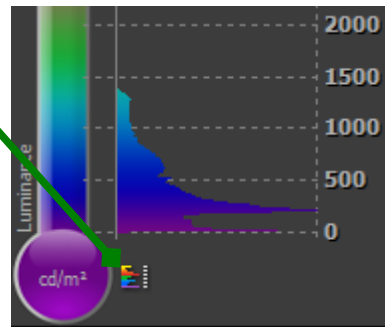
Click on the x button to remove the region.

Click on the arrow button and drag the region.

Click on the toggle button to make it active.

Step 5

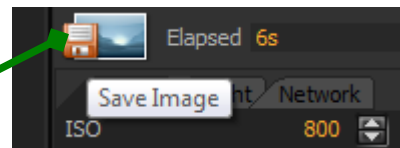
You can click on the histogram button to show the distribution of luminance or illuminance values within the given range.



Note that when a region is active, then the histogram is computed for that region. If you want to deactivate the region and compute the distribution for the whole image, you will need to click on this button.

Step 6

Click on the Save Image button to save your report. Select "Thea Photometric Reports" from the dropdown filter in the Save Image dialog.



Your report is ready (html file) and you can view it with any internet browser (or subsequently edit it with appropriate web tools).

Luminance Analysis

Author: Ioannis Pantazopoulos

Notes: Distributions are presented in % of most frequent value found within user range. Min and max values are shown with circle and rectangle correspondingly in the false color image.

THEA RENDER v1.0.10 RV504

Whole Image: Avg/Min/Max: 969/4/99834 cd/m²

Region 1: Avg/Min/Max: 428/21/1871 cd/m²