



Ray Files of Bridgelux RGBW D13 BXRV-D13RGBW3000-A3 Products

FTP links to ray files for Bridgelux RGBW D13 BXRV-D13RGBW3000-A3 products can be found in this document. In order to download the ray files, please click on the link.

Note:

- The files are based on testing of a single array BXRV-D13RGBW3000-A3 at a 50°C case temperature
- Customers designing on other color SKUs or at other drive or thermal conditions can use these ray files and adjust the LOP level accordingly in their design software.
- All the ray files are generated with 1M rays (IES and EUL format have 10M rays).
- All the rays are generated on a plane at $z=0$, which is at the center of the top surface of light emitting area. For details about where $z=0$ is aligned, please refer to the two photos at the end of this file, or read radiant source model in ProSource (under alignment tab).
- Please refer to the 3D CAD files of RGBW D13 BXRV-D13RGBW3000-A3 products from Bridgelux website for mechanical details of the product.

Radiant Source Model with color information

[BXRV-D13RGBW3000-A3_3000K\(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_5000K\(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_6500K \(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_R \(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_G \(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_B \(Radiant Imaging Source\)](#)
[BXRV-D13RGBW3000-A3_W \(Radiant Imaging Source\)](#)

Tris-Color:

[BXRV-D13RGBW3000-A3_3000K\(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3_3000K\(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3_3000K\(LightTools Binary Format\)](#)

[BXRV-D13RGBW3000-A3_5000K\(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3_5000K\(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3_5000K\(LightTools Binary Format\)](#)

[BXRV-D13RGBW3000-A3_6500K \(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3_6500K \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3_6500K \(LightTools Binary Format\)](#)

[BXRV-D13RGBW3000-A3_R \(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3_R \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3_R \(LightTools Binary Format\)](#)



[BXRV-D13RGBW3000-A3 G \(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 G \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 G \(LightTools Binary Format\)](#)

[BXRV-D13RGBW3000-A3 B \(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 B \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 B \(LightTools Binary Format\)](#)

[BXRV-D13RGBW3000-A3 W \(Generic ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 W \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 W \(LightTools Binary Format\)](#)

Photopic:

[BXRV-D13RGBW3000-A3 3000K\(ASAP Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(FRED Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(LightTools Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(LucidShape Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(OptiCAD Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(Optics Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(Photopia Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(SIMULUX Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(SPECTER Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(TracePro Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(Zemax Format\)](#)

[BXRV-D13RGBW3000-A3 5000K\(ASAP Format\)](#)
[BXRV-D13RGBW3000-A3 5000K\(ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 5000K\(FRED Format\)](#)
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[BXRV-D13RGBW3000-A3 5000K\(Zemax Format\)](#)

[BXRV-D13RGBW3000-A3 6500K \(ASAP Format\)](#)
[BXRV-D13RGBW3000-A3 6500K \(ASCII Format\)](#)
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[BXRV-D13RGBW3000-A3 6500K \(Generic Binary Format\)](#)



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[BXRV-D13RGBW3000-A3 6500K \(SPECTER Format\)](#)
[BXRV-D13RGBW3000-A3 6500K \(TracePro Format\)](#)
[BXRV-D13RGBW3000-A3 6500K \(Zemax Format\)](#)

[BXRV-D13RGBW3000-A3 R \(ASAP Format\)](#)
[BXRV-D13RGBW3000-A3 R \(ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 R \(FRED Format\)](#)
[BXRV-D13RGBW3000-A3 R \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 R \(LightTools Format\)](#)
[BXRV-D13RGBW3000-A3 R \(LucidShape Format\)](#)
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[BXRV-D13RGBW3000-A3 R \(Photopia Format\)](#)
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[BXRV-D13RGBW3000-A3 R \(TracePro Format\)](#)
[BXRV-D13RGBW3000-A3 R \(Zemax Format\)](#)

[BXRV-D13RGBW3000-A3 G \(ASAP Format\)](#)
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[BXRV-D13RGBW3000-A3 G \(Optics Format\)](#)
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[BXRV-D13RGBW3000-A3 G \(SPECTER Format\)](#)
[BXRV-D13RGBW3000-A3 G \(TracePro Format\)](#)
[BXRV-D13RGBW3000-A3 G \(Zemax Format\)](#)

[BXRV-D13RGBW3000-A3 B \(ASAP Format\)](#)
[BXRV-D13RGBW3000-A3 B \(ASCII Format\)](#)
[BXRV-D13RGBW3000-A3 B \(FRED Format\)](#)
[BXRV-D13RGBW3000-A3 B \(Generic Binary Format\)](#)
[BXRV-D13RGBW3000-A3 B \(LightTools Format\)](#)
[BXRV-D13RGBW3000-A3 B \(LucidShape Format\)](#)
[BXRV-D13RGBW3000-A3 B \(OptiCAD Format\)](#)



[BXR-V-D13RGBW3000-A3 B \(Optics Format\)](#)
[BXR-V-D13RGBW3000-A3 B \(Photopia Format\)](#)
[BXR-V-D13RGBW3000-A3 B \(SIMULUX Format\)](#)
[BXR-V-D13RGBW3000-A3 B \(SPECTER Format\)](#)
[BXR-V-D13RGBW3000-A3 B \(TracePro Format\)](#)
[BXR-V-D13RGBW3000-A3 B \(Zemax Format\)](#)

[BXR-V-D13RGBW3000-A3 W \(ASAP Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(ASCII Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(FRED Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(Generic Binary Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(LightTools Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(LucidShape Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(OptiCAD Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(Optics Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(Photopia Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(SIMULUX Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(SPECTER Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(TracePro Format\)](#)
[BXR-V-D13RGBW3000-A3 W \(Zemax Format\)](#)

Spectral (spectrum adjusted viewing angle):

[BXR-V-D13RGBW3000-A3 3000K\(Generic ASCII\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(FRED Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(Generic Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(LightTools Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(OptiCAD\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(Optis Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(Photopia Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(TracePro Binary\)](#)
[BXR-V-D13RGBW3000-A3 3000K\(Zemax Binary\)](#)

[BXR-V-D13RGBW3000-A3 5000K\(Generic ASCII\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(FRED Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(Generic Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(LightTools Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(OptiCAD\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(Optis Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(Photopia Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(TracePro Binary\)](#)
[BXR-V-D13RGBW3000-A3 5000K\(Zemax Binary\)](#)

[BXR-V-D13RGBW3000-A3 6500K \(Generic ASCII\)](#)
[BXR-V-D13RGBW3000-A3 6500K \(FRED Binary\)](#)



[BXRV-D13RGBW3000-A3 6500K \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 6500K \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 6500K \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 6500K \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 6500K \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 6500K \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 6500K \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 R \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 R \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 R \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 G \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 G \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 G \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 B \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 B \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 B \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 W \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 W \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 W \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(Photopia Binary\)](#)



[BXRV-D13RGBW3000-A3 W \(TracePro Binary\)](#)

[BXRV-D13RGBW3000-A3 W \(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location):

[BXRV-D13RGBW3000-A3 3000K\(Generic ASCII\)](#)

[BXRV-D13RGBW3000-A3 3000K\(FRED Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(Generic Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(LightTools Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(OptiCAD\)](#)

[BXRV-D13RGBW3000-A3 3000K\(Optis Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(Photopia Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(TracePro Binary\)](#)

[BXRV-D13RGBW3000-A3 3000K\(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(Generic ASCII\)](#)

[BXRV-D13RGBW3000-A3 5000K\(FRED Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(Generic Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(LightTools Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(OptiCAD\)](#)

[BXRV-D13RGBW3000-A3 5000K\(Optis Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(Photopia Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(TracePro Binary\)](#)

[BXRV-D13RGBW3000-A3 5000K\(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(Generic ASCII\)](#)

[BXRV-D13RGBW3000-A3 6500K \(FRED Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(Generic Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(LightTools Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(OptiCAD\)](#)

[BXRV-D13RGBW3000-A3 6500K \(Optis Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(Photopia Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(TracePro Binary\)](#)

[BXRV-D13RGBW3000-A3 6500K \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(Generic ASCII\)](#)

[BXRV-D13RGBW3000-A3 R \(FRED Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(Generic Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(LightTools Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(OptiCAD\)](#)

[BXRV-D13RGBW3000-A3 R \(Optis Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(Photopia Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(TracePro Binary\)](#)

[BXRV-D13RGBW3000-A3 R \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 G \(Generic ASCII\)](#)



[BXRV-D13RGBW3000-A3 G \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(OptiCAD\)](#)
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[BXRV-D13RGBW3000-A3 G \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 G \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 B \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 B \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(LightTools Binary\)](#)
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[BXRV-D13RGBW3000-A3 B \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 B \(Zemax Binary\)](#)

[BXRV-D13RGBW3000-A3 W \(Generic ASCII\)](#)
[BXRV-D13RGBW3000-A3 W \(FRED Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(Generic Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(LightTools Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(OptiCAD\)](#)
[BXRV-D13RGBW3000-A3 W \(Optis Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(Photopia Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(TracePro Binary\)](#)
[BXRV-D13RGBW3000-A3 W \(Zemax Binary\)](#)

EUL and IES files:

[BXRV-D13RGBW3000-A3 3000K\(EULUMDAT Format\)](#)
[BXRV-D13RGBW3000-A3 3000K\(IES Format\)](#)

[BXRV-D13RGBW3000-A3 5000K\(EULUMDAT Format\)](#)
[BXRV-D13RGBW3000-A3 5000K\(IES Format\)](#)

[BXRV-D13RGBW3000-A3 6500K \(EULUMDAT Format\)](#)
[BXRV-D13RGBW3000-A3 6500K \(IES Format\)](#)

[BXRV-D13RGBW3000-A3 R \(EULUMDAT Format\)](#)
[BXRV-D13RGBW3000-A3 R \(IES Format\)](#)

[BXRV-D13RGBW3000-A3 G \(EULUMDAT Format\)](#)
[BXRV-D13RGBW3000-A3 G \(IES Format\)](#)

[BXRV-D13RGBW3000-A3 B \(EULUMDAT Format\)](#)



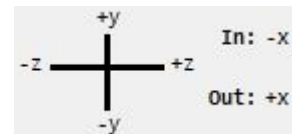
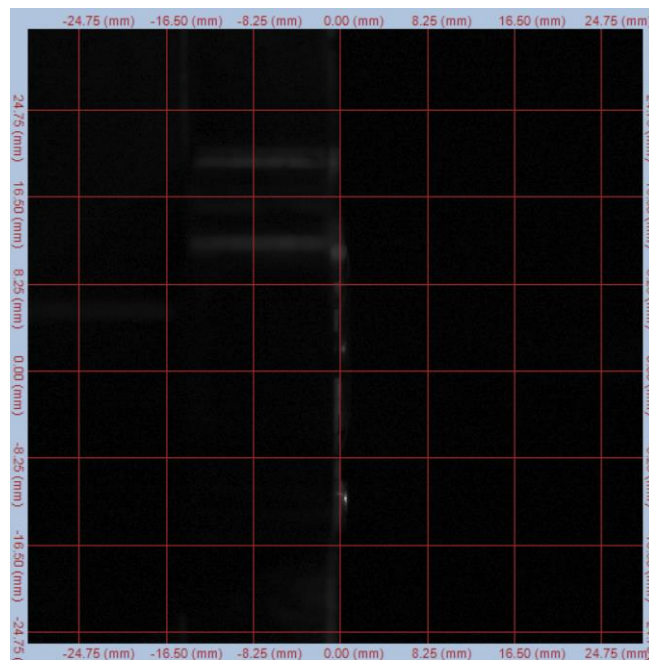
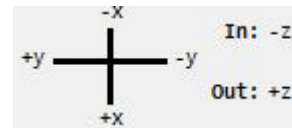
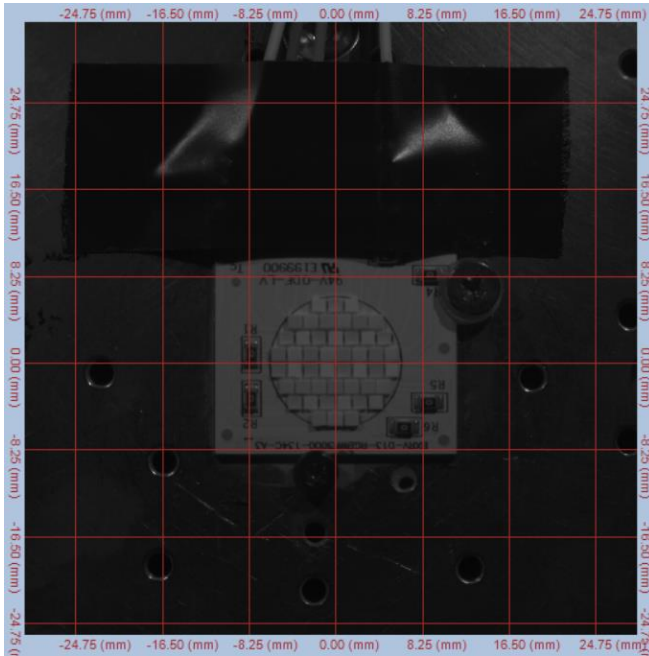
[BXRV-D13RGBW3000-A3_B \(IES Format\)](#)

[BXRV-D13RGBW3000-A3_W \(EULUMDAT Format\)](#)

[BXRV-D13RGBW3000-A3_W \(IES Format\)](#)

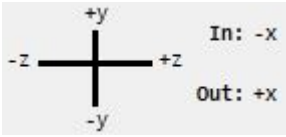
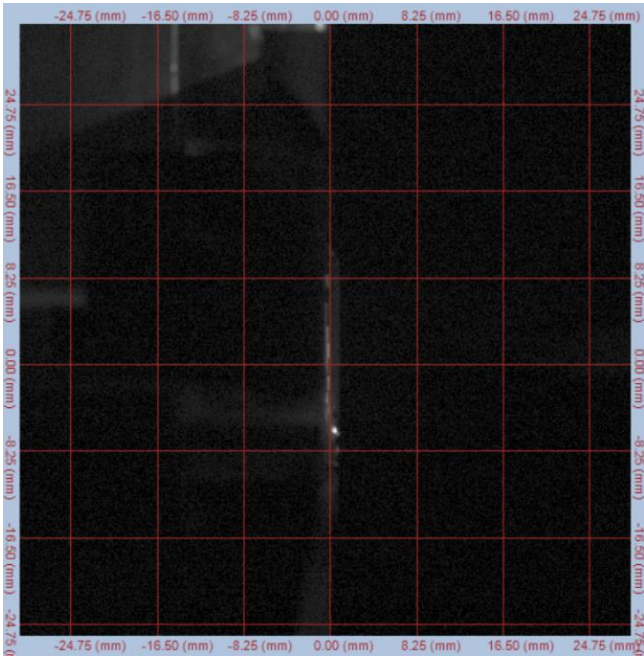
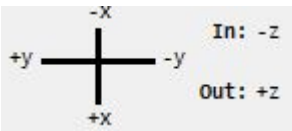
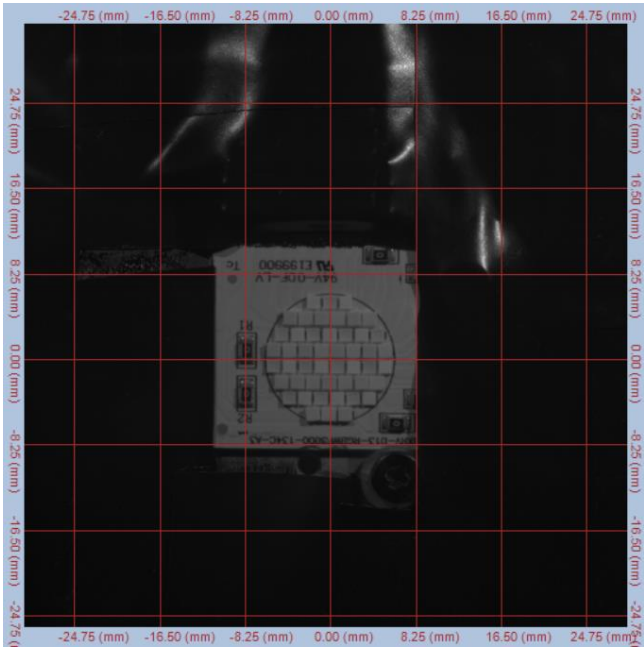
Alignment during radiant source model and ray file generation:

3000K



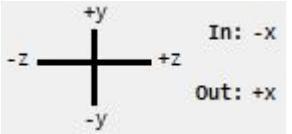
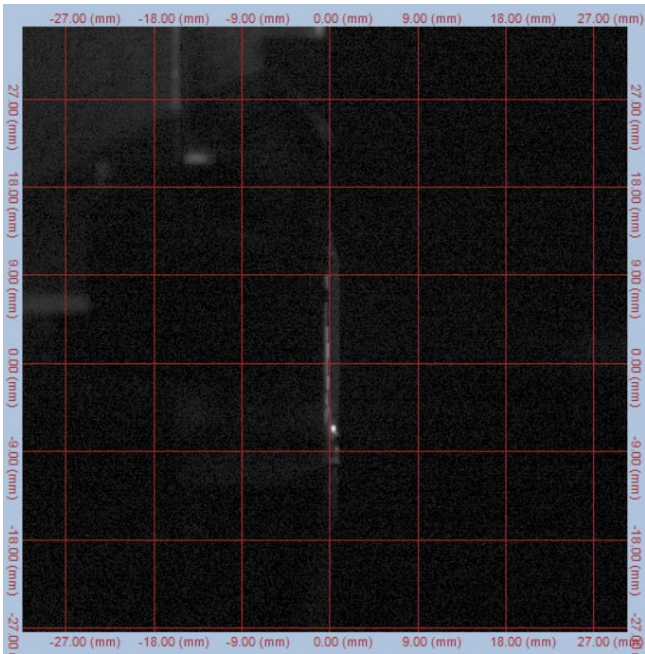
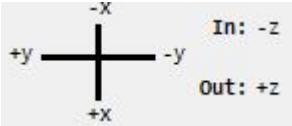
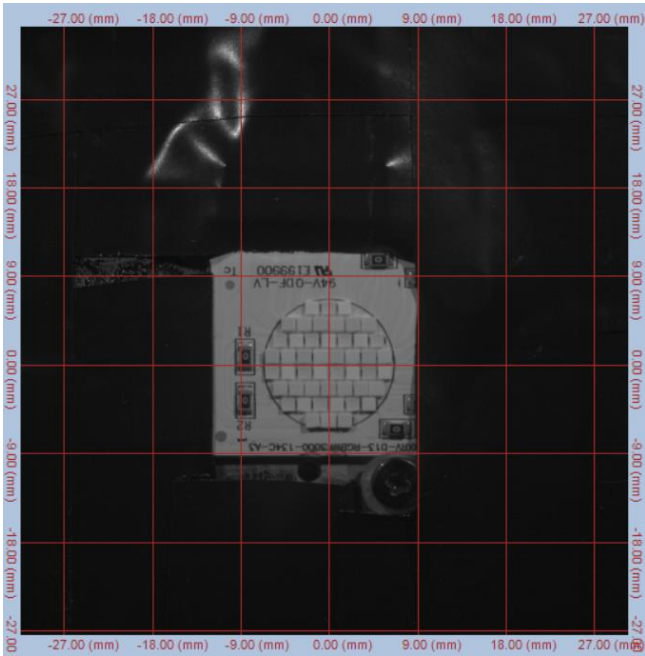


5000K:

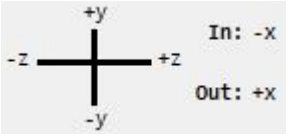
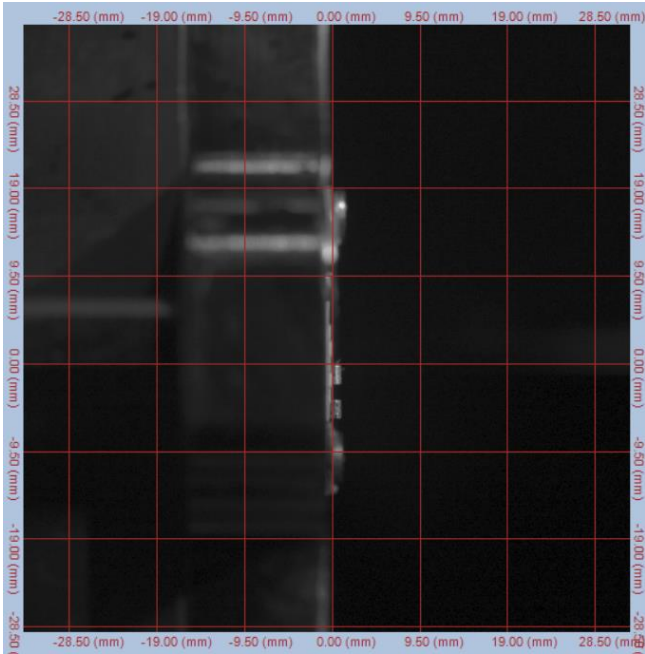
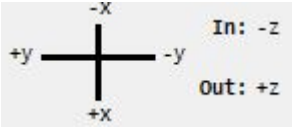
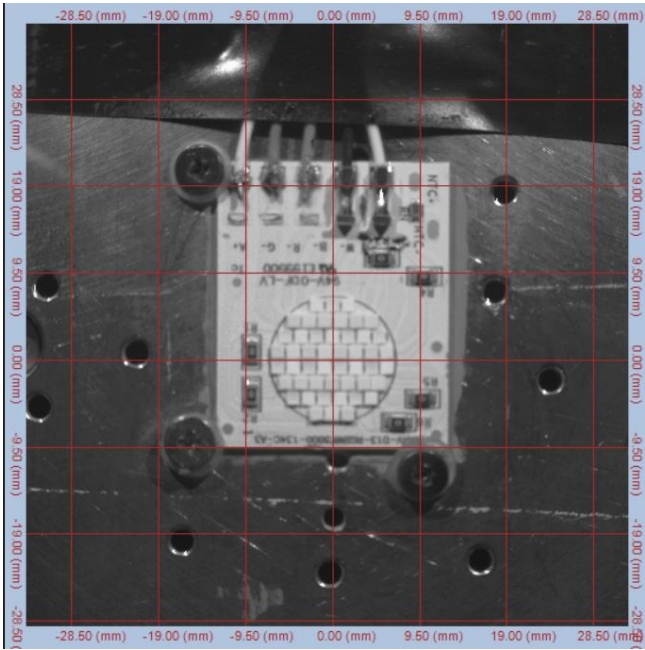




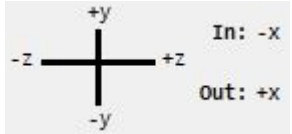
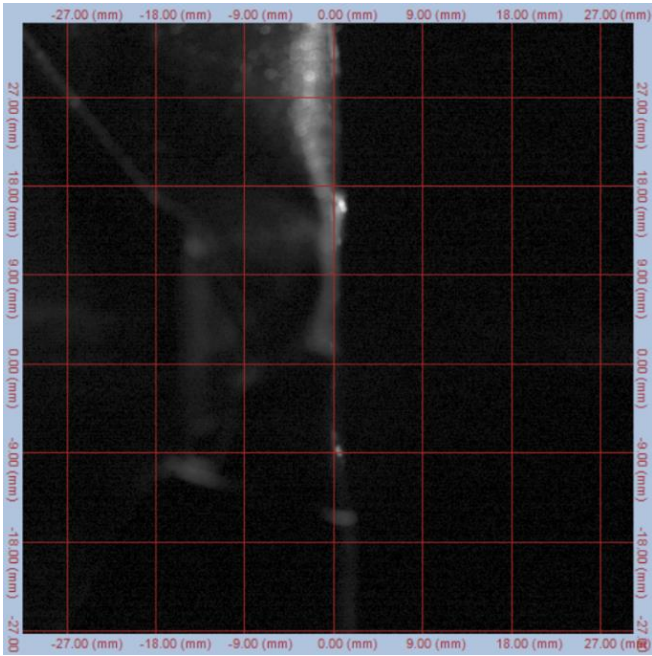
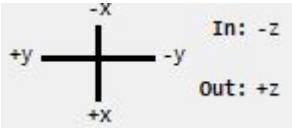
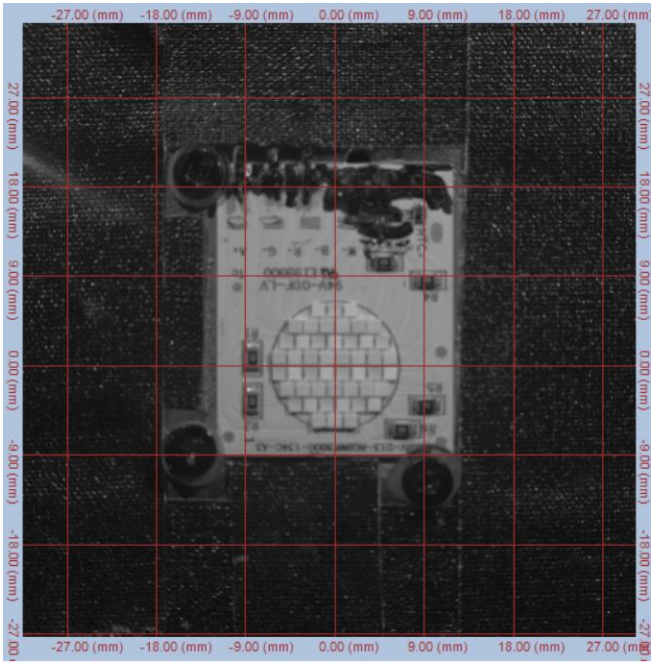
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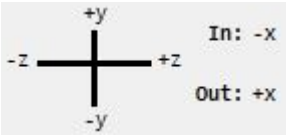
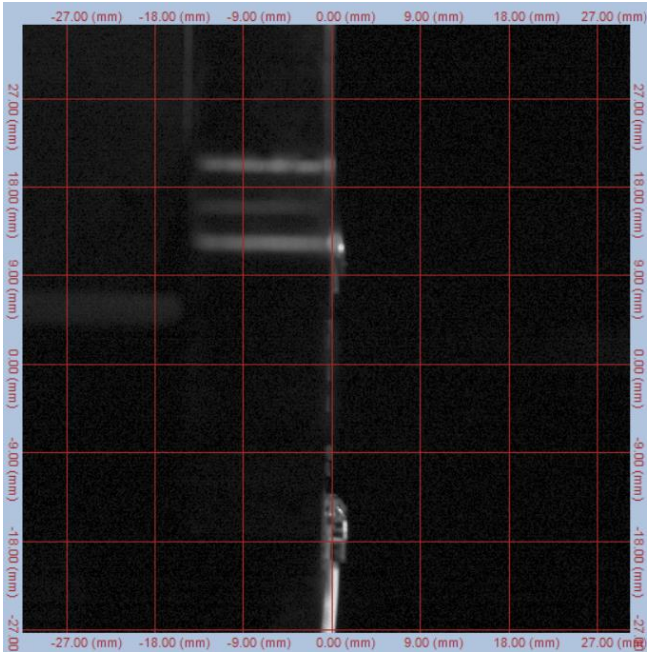
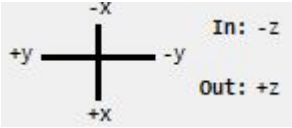
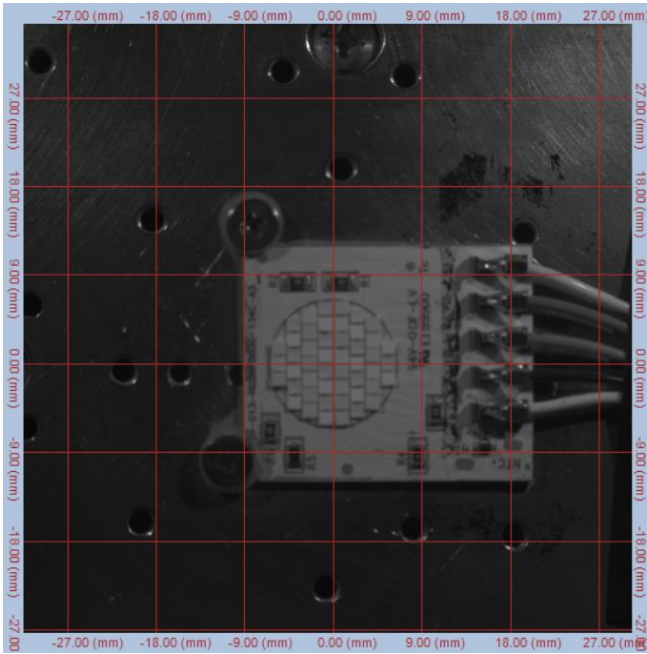
R:



G:



B:



W:

