



## Ray Files of Bridgelux Vesta 13mm Tunable BXRV-TR-2750G-2000-A-1X Products

FTP links to ray files for Bridgelux Vesta 13mm Tunable BXRV-TR-2750G-2000-A-15 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 at a 50°C case temperature and at the following test currents :
  - WW(Warm White)0mA and CW(Cool White)700mA
  - WW(Warm White)350mA and CW(Cool White)350mA
  - WW(Warm White)700mA and CW(Cool White) 0mA
- 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).
- For mechanical details of the Vesta Tunable White Arrays please refer to the product's 3D CAD files, whose links can be found on the Bridgelux website.

### Radiant Source Model with color information

[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Radiant Imaging Source\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Radiant Imaging Source\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Radiant Imaging Source\)](#)

### Tris-Color:

[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic ASCII Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic Binary Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(LightTools Binary Format\)](#)

[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Generic ASCII Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Generic Binary Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(LightTools Binary Format\)](#)

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### Photopic:

[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(ASAP Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(ASCII Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(FRED Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic Binary Format\)](#)



[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(LighTools Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(LucidShape Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(OptiCAD Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Optis Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Photopia Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(SIMULUX Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(SPECTER Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(TracePro \)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Zemax Format\)](#)

[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(ASAP Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(ASCII Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(FRED Format\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Photopia Format\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(SPECTER Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(TracePro \)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Zemax Format\)](#)

[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(ASAP Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(ASCII Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(FRED Format\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(LucidShape Format\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(TracePro \)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Zemax Format\)](#)

**Spectral (spectrum adjusted by view angle):**

[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic ASCII\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(FRED Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic Binary\)](#)



[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(LightTools Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(OptiCAD\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Optis Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Photopia Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(TracePro Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Zemax Binary\)](#)

[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Generic ASCII\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(FRED Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Generic Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(LightTools Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(OptiCAD\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Optis Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Photopia Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(TracePro Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Zemax Binary\)](#)

[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Generic ASCII\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(FRED Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Generic Binary\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(TracePro Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Zemax Binary\)](#)

**Spectral (spectrum adjusted by emission location):**

[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic ASCII\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(FRED Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Generic Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(LightTools Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(OptiCAD\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Optis Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(Photopia Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(TracePro Binary\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(Generic ASCII\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(FRED Binary\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(OptiCAD\)](#)  
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[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(TracePro Binary\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(Zemax Binary\)](#)

**EUL and IES files:**

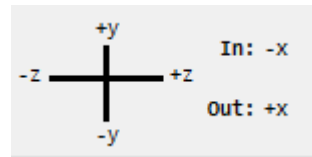
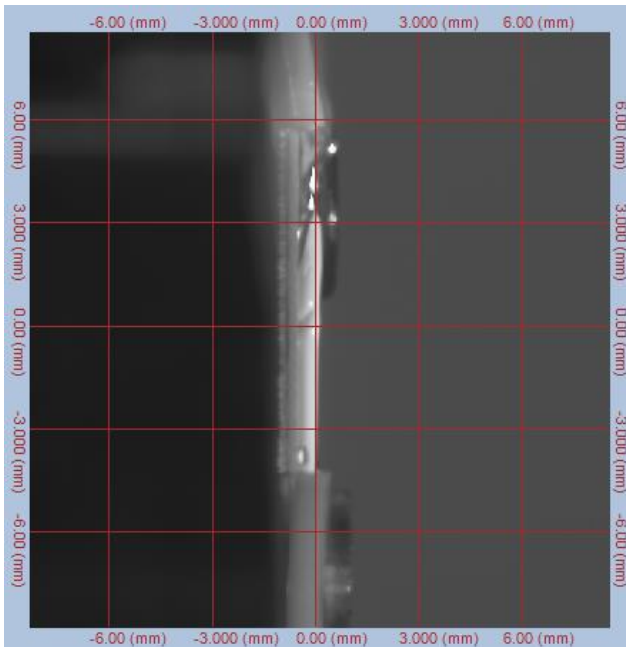
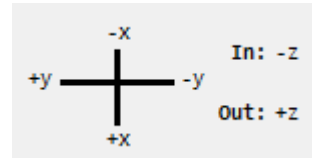
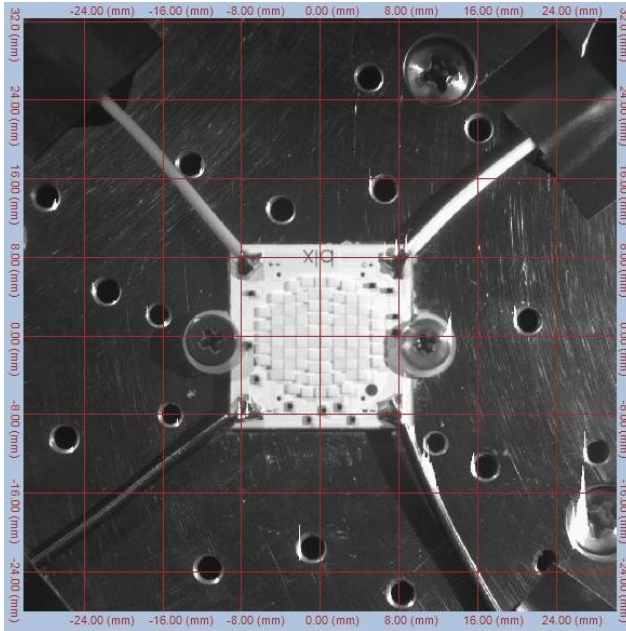
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(EULUMDAT Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 0mA CW 700mA\(IES Format\)](#)

[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(EULUMDAT Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 350mA CW 350mA\(IES Format\)](#)

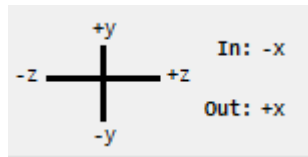
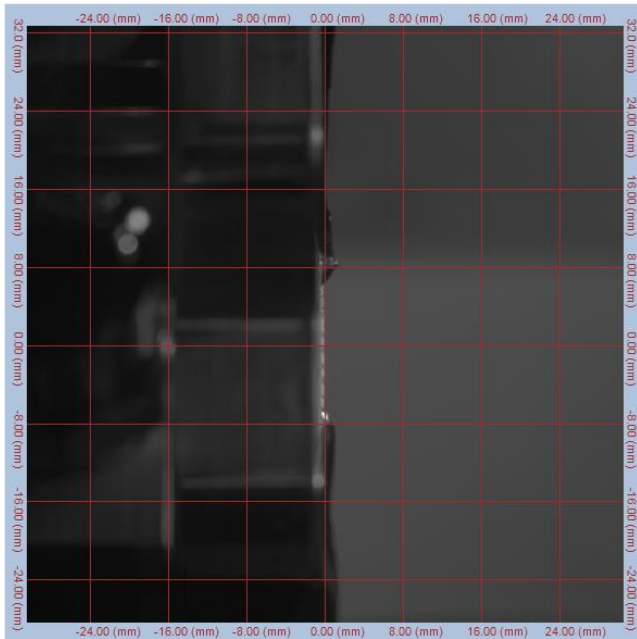
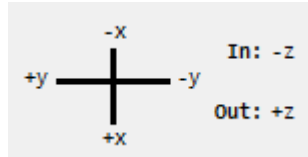
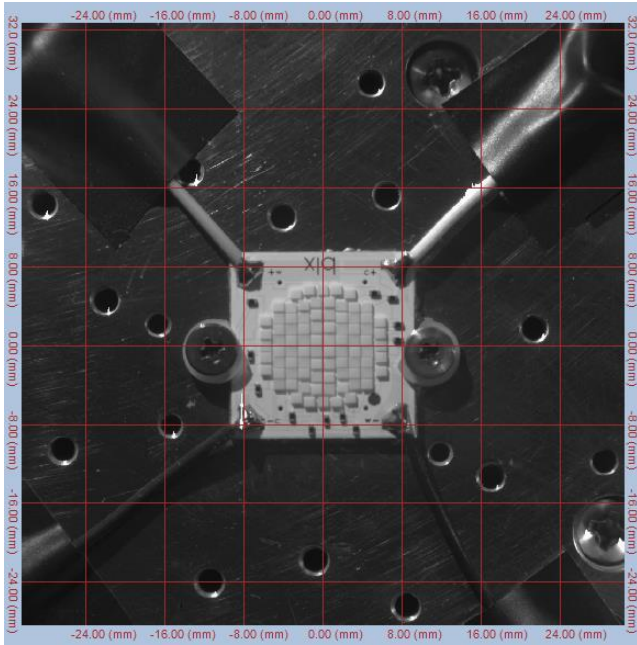
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(EULUMDAT Format\)](#)  
[BXRV-TR-2750G-2000-A-15 WW 700mA CW 0mA\(IES Format\)](#)

**Alignment during radiant source model and ray file generation:**

**WW 0mA CW 700mA:**



**WW 350mA CW 350mA:**



**WW 700mA CW 0mA:**

