



Ray Files of Bridgelux Vesta Tunable White 9mm BXRV-TR-XXXXX-1000-B-3X Products

FTP links to ray files for Bridgelux Vesta Tunable White 9mm BXRV-TR-XXXXX-1000-B-3X 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-TR-XXXXX-1000-B-3X at a 50°C case temperature and at the following test currents:
 - WW(Warm White)250mA and CW(Cool White)0mA
 - WW(Warm White)125mA and CW(Cool White)125mA
 - WW(Warm White)0mA and CW(Cool White)250mA
- 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 Vesta Tunable White 9mm BXRV-TR-XXXXX-1000-B-3X products from Bridgelux website for mechanical details of the product.

Radiant Source Model with color information

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Radiant Imaging Source\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(Radiant Imaging Source\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Radiant Imaging Source\)](#)

Tris-Color:

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic ASCII Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic Binary Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(LightTools Binary Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(Generic ASCII Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(Generic Binary Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(LightTools Binary Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Generic ASCII Format\)](#)

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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(LightTools Binary Format\)](#)



Photopic:

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(ASAP Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(ASCII Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(FRED Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic Binary Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(LightTools Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(LucidShape Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(OptiCAD Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Optis Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Photopia Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(SIMULUX Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(SPECTER Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(TracePro Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Zemax Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(ASAP Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(ASCII Format\)](#)
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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(ASAP Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(ASCII Format\)](#)
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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(TracePro Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic ASCII\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(FRED Binary\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic Binary\)](#)
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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Generic ASCII\)](#)
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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Zemax Binary\)](#)



Spectral (spectrum adjusted by emission location)

[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(Generic ASCII\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(FRED Binary\)](#)
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[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(Zemax Binary\)](#)

EUL and IES files:

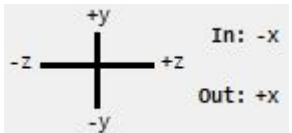
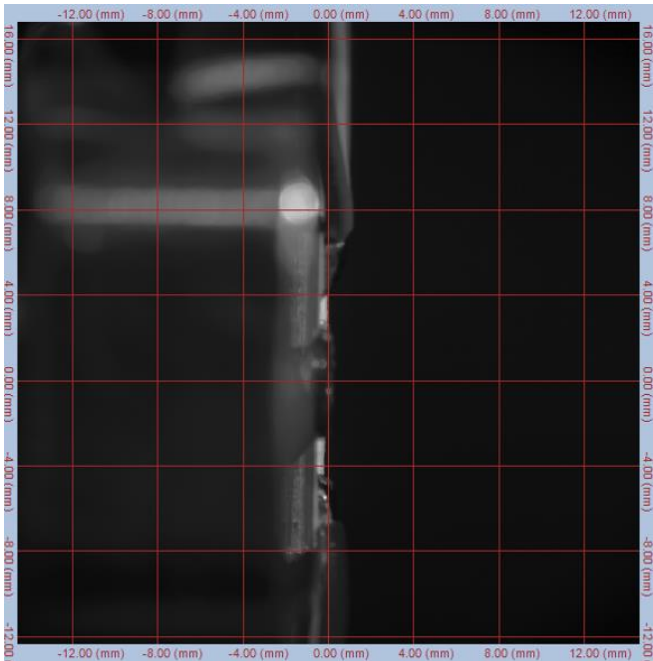
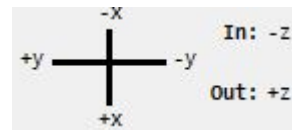
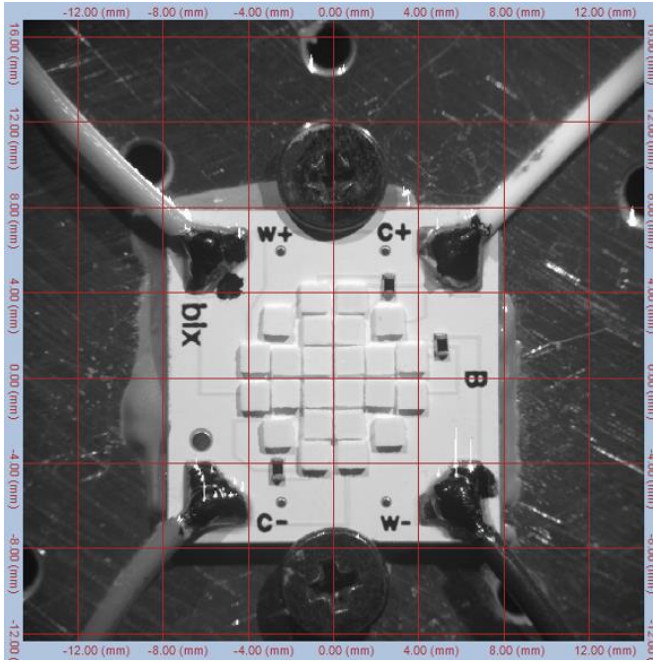
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(EULUMDAT Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 250mA CW 0mA\(IES Format\)](#)

[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(EULUMDAT Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 125mA CW 125mA\(IES Format\)](#)

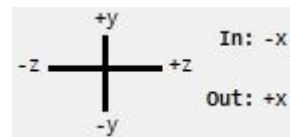
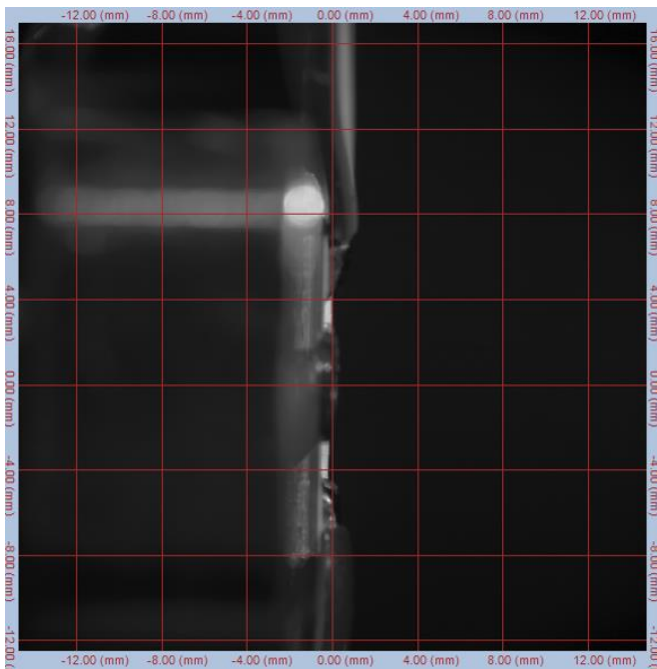
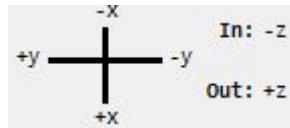
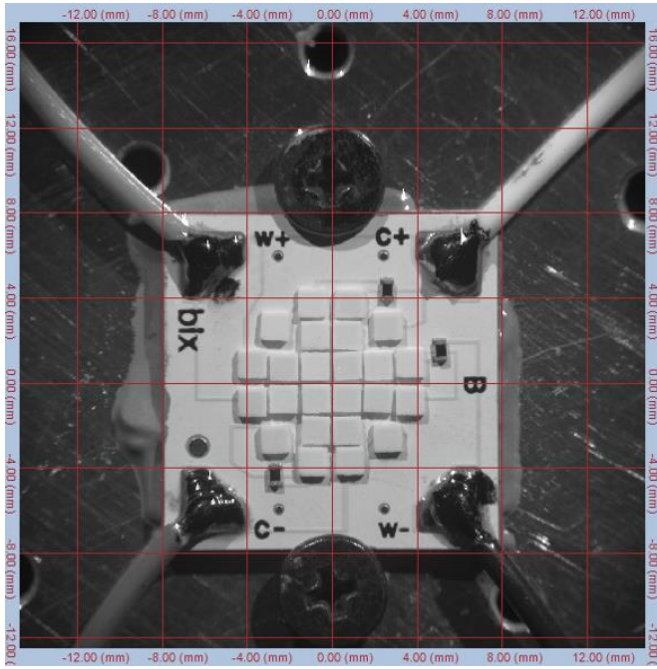
[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(EULUMDAT Format\)](#)
[BXRV-TR-XXXXX-1000-B-3X WW 0mA CW 250mA\(IES Format\)](#)

Alignment during radiant source model and ray file generation

WW 250mA CW 0mA



WW 125mA CW 125mA:



WW 0mA CW 250mA:

