



Ray Files of Bridgelux Vesta 9mm Tunable BXRV-TR-2750G-1000-A-1X Products

FTP links to ray files for Bridgelux Vesta 9mm Tunable BXRV-TR-2750G-1000-A-15 Products Array 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 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-1000-A-15 WW 0mA CW 700mA\(Radiant Imaging Source\)](#)
[BXRV-TR-2750G-1000-A-15 WW 350mA CW 350mA\(Radiant Imaging Source\)](#)
[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(Radiant Imaging Source\)](#)

Tris-Color:

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic ASCII Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic Binary Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(LightTools Binary Format\)](#)

[BXRV-TR-2750G-1000-A-15 WW 350mA CW 350mA\(Generic ASCII Format\)](#)
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Photopic:

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(ASAP Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(ASCII Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(FRED Format\)](#)
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[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(LighTools Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(LucidShape Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(OptiCAD Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Optis Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Photopia Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(SIMULUX Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(SPECTER Format\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(TracePro \)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Zemax Format\)](#)

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[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(ASAP Format\)](#)
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[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(TracePro \)](#)



[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(Zemax Format\)](#)

Spectral (spectrum adjusted by view angle):

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic ASCII\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(FRED Binary\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic Binary\)](#)
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[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location):

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic ASCII\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(FRED Binary\)](#)
[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(Generic Binary\)](#)
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[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(Generic ASCII\)](#)

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[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(Zemax Binary\)](#)

EUL and IES files:

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(EULUMDAT Format\)](#)

[BXRV-TR-2750G-1000-A-15 WW 0mA CW 700mA\(IES Format\)](#)

[BXRV-TR-2750G-1000-A-15 WW 350mA CW 350mA\(EULUMDAT Format\)](#)

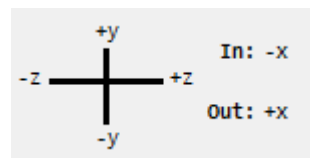
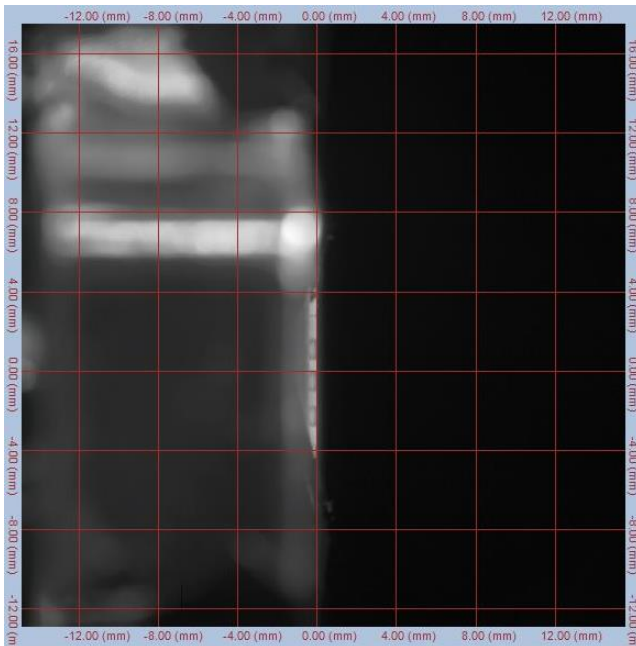
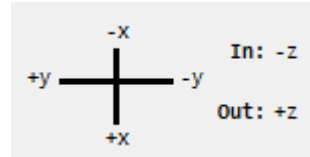
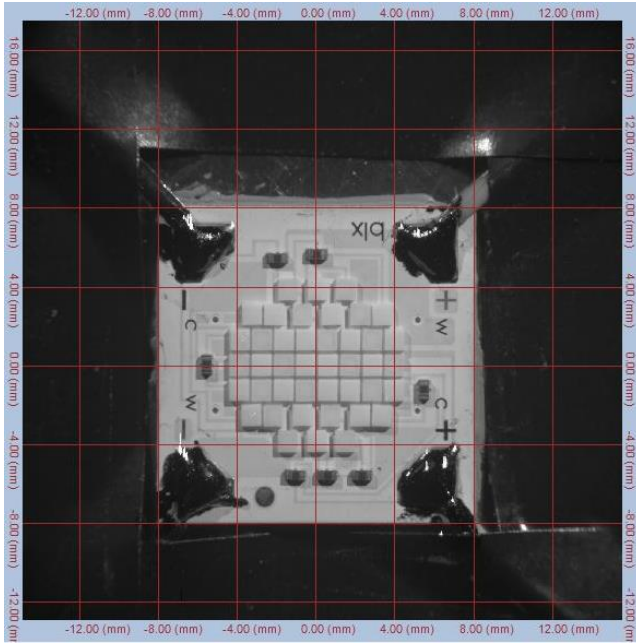
[BXRV-TR-2750G-1000-A-15 WW 350mA CW 350mA\(IES Format\)](#)

[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(EULUMDAT Format\)](#)

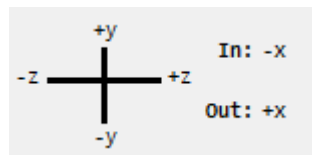
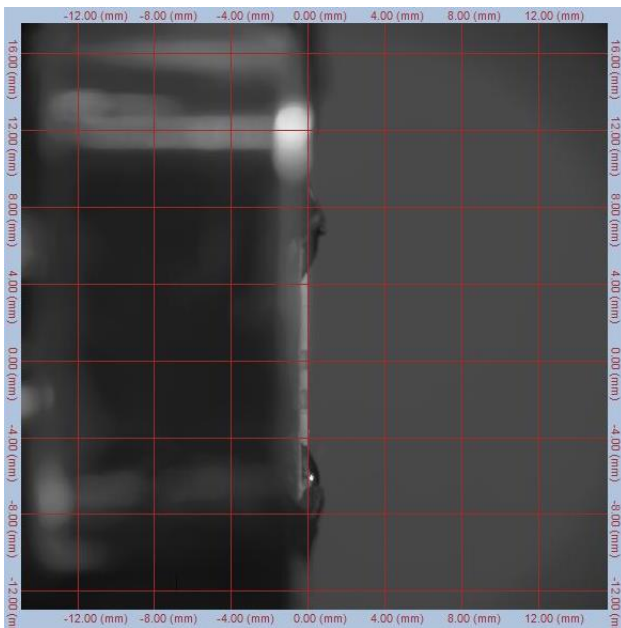
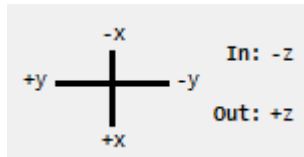
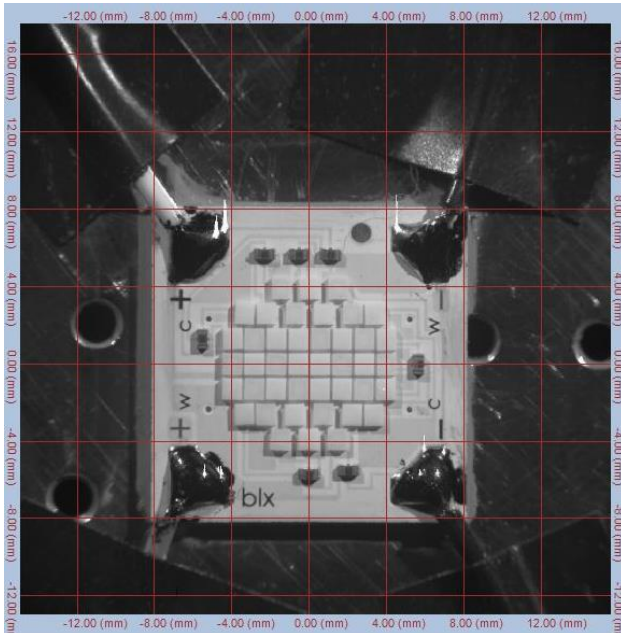
[BXRV-TR-2750G-1000-A-15 WW 700mA CW 0mA\(IES Format\)](#)

Alignment during radiant source model and ray file generation

WW 0mA CC 700mA:



WW 350mA CC 350mA:



WW 700mA CC 0mA:

