



Ray Files of Bridgelux Vesta Dim to Warm 6mm BXRV-DR-1830G-0600-A-1x Products

FTP links to ray files for Bridgelux Vesta Dim to Warm 6mm BXRV-DR-1830G-0600-A-1x 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 two different currents: 14mA and 350mA.
- 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 Dim to Warm 6mm BXRV-DR-1830G-0600-A-1x from Bridgelux website for mechanical details of the product.

Radiant Source Model with color information

[BXRV-DR-1830G-0600-A-1x at 14mA\(Radiant Imaging Source\)](#)

[BXRV-DR-1830G-0600-A-1x at 350mA\(Radiant Imaging Source\)](#)

Tris-Color:

[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic ASCII Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic Binary Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(LightTools Binary Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic ASCII Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic Binary Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 350mA\(LightTools Binary Format\)](#)

Photopic:

[BXRV-DR-1830G-0600-A-1x at 14mA\(ASAP Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(ASCII Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(FRED Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic Binary Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(LighTools Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(LucidShape Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(OptiCAD Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(Optis Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(Photopia Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(SIMULUX Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(SPECTER Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(TracePro Format\)](#)

[BXRV-DR-1830G-0600-A-1x at 14mA\(Zemax Format\)](#)



[BXRV-DR-1830G-0600-A-1x at 350mA\(ASAP Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(ASCII Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(FRED Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic Binary Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(LighTools Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(LucidShape Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(OptiCAD Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Optis Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Photopia Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(SIMULUX Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(SPECTER Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(TracePro Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Zemax Format\)](#)

Spectral (spectrum adjusted by view angle):

[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic ASCII\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(FRED Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(LightTools Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(OptiCAD\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Optis Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Photopia Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(TracePro Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Zemax Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic ASCII\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(FRED Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(LightTools Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(OptiCAD\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Optis Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Photopia Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(TracePro Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location):

[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic ASCII\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(FRED Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Generic Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(LightTools Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(OptiCAD\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Optis Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Photopia Binary\)](#)



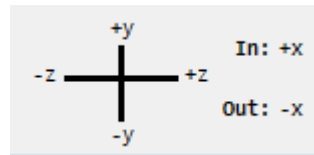
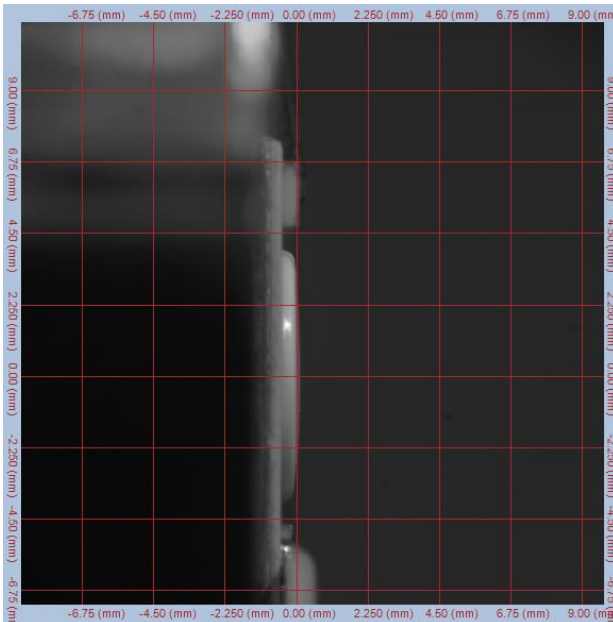
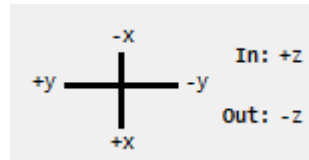
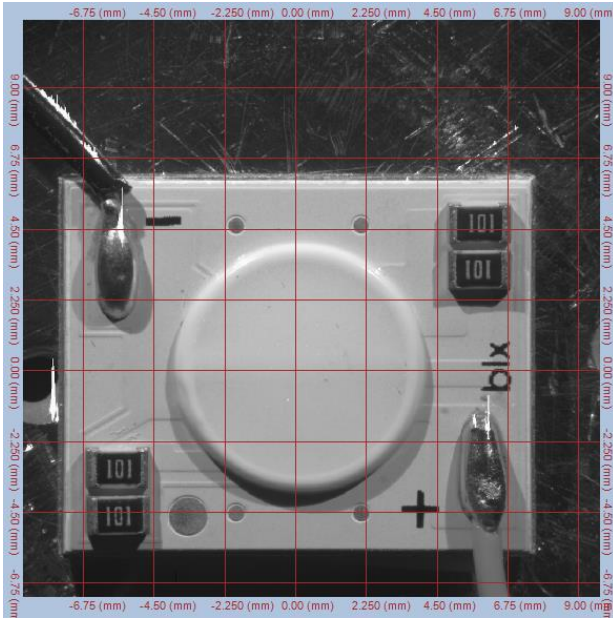
[BXRV-DR-1830G-0600-A-1x at 14mA\(TracePro Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(Zemax Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic ASCII\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(FRED Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Generic Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(LightTools Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(OptiCAD\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Optis Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Photopia Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(TracePro Binary\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(Zemax Binary\)](#)

EUL and IES files:

[BXRV-DR-1830G-0600-A-1x at 14mA\(EULUMDAT Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 14mA\(IES Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(EULUMDAT Format\)](#)
[BXRV-DR-1830G-0600-A-1x at 350mA\(IES Format\)](#)

Alignment during radiant source model and ray file generation

14mA:



70mA:

