



## Ray Files of Bridgelux Gen8 Vero 18B BXRC-XXX4000-B-8X Products

FTP links to ray files for Bridgelux Gen8 Vero 18B BXRC-XXX4000-B-8X 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 test of a 3000K 80CRI part at nominal drive current 700mA at 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 Gen8 Vero 18B BXRC-XXX4000-B-8X from Bridgelux website for mechanical details of the product.

### Radiant Source Model with color information

[BXRC-XXX4000-B-8X\(Radiant Imaging Source\)](#)

### Tris-Color:

[BXRC-XXX4000-B-8X\(Generic ASCII Format\)](#)  
[BXRC-XXX4000-B-8X\(Generic Binary Format\)](#)  
[BXRC-XXX4000-B-8X\(LightTools Binary Format\)](#)

### Photopic:

[BXRC-XXX4000-B-8X\(ASAP Format\)](#)  
[BXRC-XXX4000-B-8X\(ASCII Format\)](#)  
[BXRC-XXX4000-B-8X\(FRED Format\)](#)  
[BXRC-XXX4000-B-8X\(Generic Binary Format\)](#)  
[BXRC-XXX4000-B-8X\(LightTools Format\)](#)  
[BXRC-XXX4000-B-8X\(LucidShape Format\)](#)  
[BXRC-XXX4000-B-8X\(OptiCAD Format\)](#)  
[BXRC-XXX4000-B-8X\(Optics Format\)](#)  
[BXRC-XXX4000-B-8X\(Photopia Format\)](#)  
[BXRC-XXX4000-B-8X\(SIMULUX Format\)](#)  
[BXRC-XXX4000-B-8X\(SPECTER Format\)](#)  
[BXRC-XXX4000-B-8X\(TracePro Format\)](#)  
[BXRC-XXX4000-B-8X\(Zemax Format\)](#)



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

[BXRC-XXX4000-B-8X\(Generic ASCII\)](#)  
[BXRC-XXX4000-B-8X\(FRED Binary\)](#)  
[BXRC-XXX4000-B-8X\(Generic Binary\)](#)  
[BXRC-XXX4000-B-8X\(LightTools Binary\)](#)  
[BXRC-XXX4000-B-8X\(OptiCAD\)](#)  
[BXRC-XXX4000-B-8X\(Optis Binary\)](#)  
[BXRC-XXX4000-B-8X\(Photopia Binary\)](#)  
[BXRC-XXX4000-B-8X\(TracePro Binary\)](#)  
[BXRC-XXX4000-B-8X\(Zemax Binary\)](#)

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

[BXRC-XXX4000-B-8X\(Generic ASCII\)](#)  
[BXRC-XXX4000-B-8X\(FRED Binary\)](#)  
[BXRC-XXX4000-B-8X\(Generic Binary\)](#)  
[BXRC-XXX4000-B-8X\(LightTools Binary\)](#)  
[BXRC-XXX4000-B-8X\(OptiCAD\)](#)  
[BXRC-XXX4000-B-8X\(Optis Binary\)](#)  
[BXRC-XXX4000-B-8X\(Photopia Binary\)](#)  
[BXRC-XXX4000-B-8X\(TracePro Binary\)](#)  
[BXRC-XXX4000-B-8X\(Zemax Binary\)](#)

**EUL and IES files:**

[BXRC-XXX4000-B-8X\(EULUMDAT Format\)](#)  
[BXRC-XXX4000-B-8X\(IES Format\)](#)

## Alignment during radiant source model and ray file generation

