



## Ray Files of Bridgelux Vero SE 18B BXRC-XXX400X-B-7X-SE Products

FTP links to ray files for Bridgelux Vero SE 18B BXRC-XXX400X-B-7X-SE 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 90CRI part at nominal drive current 900mA 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 Vero SE 18B BXRC-XXX400X-B-7X-SE from Bridgelux website for mechanical details of the product.

### Radiant Source Model with color information

[BXRC-XXX400X-B-7X-SE\(Radiant Imaging Source\)](#)

### Tris-Color:

[BXRC-XXX400X-B-7X-SE\(Generic ASCII Format\)](#)

[BXRC-XXX400X-B-7X-SE\(Generic Binary Format\)](#)

[BXRC-XXX400X-B-7X-SE\(LightTools Binary Format\)](#)

### Photopic:

[BXRC-XXX400X-B-7X-SE\(ASAP Format\)](#)

[BXRC-XXX400X-B-7X-SE\(ASCII Format\)](#)

[BXRC-XXX400X-B-7X-SE\(FRED Format\)](#)

[BXRC-XXX400X-B-7X-SE\(Generic Binary Format\)](#)

[BXRC-XXX400X-B-7X-SE\(LighTools Format\)](#)

[BXRC-XXX400X-B-7X-SE\(LucidShape Format\)](#)

[BXRC-XXX400X-B-7X-SE\(OptiCAD Format\)](#)

[BXRC-XXX400X-B-7X-SE\(Optis Format\)](#)

[BXRC-XXX400X-B-7X-SE\(Photopia Format\)](#)

[BXRC-XXX400X-B-7X-SE\(SIMULUX Format\)](#)

[BXRC-XXX400X-B-7X-SE\(SPECTER Format\)](#)

[BXRC-XXX400X-B-7X-SE\(TracePro \)](#)

[BXRC-XXX400X-B-7X-SE\(Zemax Format\)](#)



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

[BXRC-XXX400X-B-7X-SE\(Generic ASCII\)](#)  
[BXRC-XXX400X-B-7X-SE\(FRED Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Generic Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(LightTools Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(OptiCAD\)](#)  
[BXRC-XXX400X-B-7X-SE\(Optis Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Photopia Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(TracePro Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Zemax Binary\)](#)

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

[BXRC-XXX400X-B-7X-SE\(Generic ASCII\)](#)  
[BXRC-XXX400X-B-7X-SE\(FRED Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Generic Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(LightTools Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(OptiCAD\)](#)  
[BXRC-XXX400X-B-7X-SE\(Optis Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Photopia Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(TracePro Binary\)](#)  
[BXRC-XXX400X-B-7X-SE\(Zemax Binary\)](#)

**EUL and IES files:**

[BXRC-XXX400X-B-7X-SE\(EULUMDAT Format\)](#)  
[BXRC-XXX400X-B-7X-SE\(IES Format\)](#)

### Alignment during radiant source model and ray file generation

