



## Ray Files of Bridgelux Vero18 BXRC-XXX4000-F-2X Products

FTP links to ray files for Bridgelux Vero18 BXRC-XXX4000-F-2X LED Array products can be found in this document. In order to download the ray files, please Ctrl + click on the link.

### Note:

- The ray files in this file are fit for Vero18 BXRC-XXX4000-F-2X (for Vero18 BXRC-XXX4000-F-0X products, please refer to a different file on Bridgelux website).
- Customers designing on other color SKUs can use the ray files of 30E and adjust the LOP level in their design software.
- All the ray files are generated with 1M rays (IES and EUL format have 10M rays).
- Both Spectral and TrisColor ray files have color information.
- All the rays are generated on a plane at z=0. In terms of where z=0 is aligned, please refer to the two photos at the end of this file, or find more details in reading radiant source model in ProSource (under alignment tab).
- 3D CAD files of Vero18 BXRC-XXX4000-F-2X also provided.

### Radiant Source Model with color and spectra information

[BXRC-XXX4000-F-2X\(Radiant Imaging Source\)](#)

### Spectral (spectrum adjusted by view angle):

[BXRC-XXX4000-F-2X\(Generic ASCII\)](#)  
[BXRC-XXX4000-F-2X\(FRED Binary\)](#)  
[BXRC-XXX4000-F-2X\(Generic Binary\)](#)  
[BXRC-XXX4000-F-2X\(LightTools Binary\)](#)  
[BXRC-XXX4000-F-2X\(OptiCAD\)](#)  
[BXRC-XXX4000-F-2X\(Optis Binary\)](#)  
[BXRC-XXX4000-F-2X\(Photopia Binary\)](#)  
[BXRC-XXX4000-F-2X\(Zemax Binary\)](#)

### Spectral (spectrum adjusted by emission location, Delta uv tolerance: 0.003):

[BXRC-XXX4000-F-2X\(Generic ASCII\)](#)  
[BXRC-XXX4000-F-2X\(FRED Binary\)](#)  
[BXRC-XXX4000-F-2X\(Generic Binary\)](#)  
[BXRC-XXX4000-F-2X\(LightTools Binary\)](#)  
[BXRC-XXX4000-F-2X\(OptiCAD\)](#)  
[BXRC-XXX4000-F-2X\(Optis Binary\)](#)  
[BXRC-XXX4000-F-2X\(Photopia Binary\)](#)  
[BXRC-XXX4000-F-2X\(Zemax Binary\)](#)



**Tris-Color:**

- [BXRC-XXX4000-F-2X\(Generic ASCII Format\)](#)
- [BXRC-XXX4000-F-2X\(Generic Binary Format\)](#)
- [BXRC-XXX4000-F-2X\(LightTools Binary Format\)](#)
- [BXRC-XXX4000-F-2X\(Zemax Format\)](#)

**Photopic:**

- [BXRC-XXX4000-F-2X\(ASAP Format\)](#)
- [BXRC-XXX4000-F-2X\(ASCII Format\)](#)
- [BXRC-XXX4000-F-2X\(FRED Format\)](#)
- [BXRC-XXX4000-F-2X\(Generic Binary Format\)](#)
- [BXRC-XXX4000-F-2X\(LighTools Format\)](#)
- [BXRC-XXX4000-F-2X\(LucidShape Format\)](#)
- [BXRC-XXX4000-F-2X\(OptiCAD Format\)](#)
- [BXRC-XXX4000-F-2X\(Optis Format\)](#)
- [BXRC-XXX4000-F-2X\(Photopia Format\)](#)
- [BXRC-XXX4000-F-2X\(SIMULUX Format\)](#)
- [BXRC-XXX4000-F-2X\(SPECTER Format\)](#)
- [BXRC-XXX4000-F-2X\(TracePro Format\)](#)
- [BXRC-XXX4000-F-2X\(Zemax Format\)](#)

**EUL and IES files:**

- [BXRC-XXX4000-F-2X\(EULUMDAT Format\)](#)
- [BXRC-XXX4000-F-2X\(IES Format\)](#)

**3D CAD File:**

- [BXRC-XXX4000-F-2X\(3D CAD Files\)](#)

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

