



## Ray Files of Bridgelux Gen8 V3 HD BXRH-XXX030X-B-8X Products

FTP links to ray files for Bridgelux Gen8 V3 HD BXRH-XXX030X-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 90CRI part at nominal drive current 160mA 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 Gen8V3 HD BXRH-XXX030X-B-8X from Bridgelux website for mechanical details of the product.

### Radiant Source Model with color information

[BXRH-XXX030X-B-8X\(Radiant Imaging Source\)](#)

### Tris-Color:

[BXRH-XXX030X-B-8X\(Generic ASCII Format\)](#)

[BXRH-XXX030X-B-8X\(Generic Binary Format\)](#)

[BXRH-XXX030X-B-8X\(LightTools Binary Format\)](#)

### Photopic:

[BXRH-XXX030X-B-8X\(ASAP Format\)](#)

[BXRH-XXX030X-B-8X\(ASCII Format\)](#)

[BXRH-XXX030X-B-8X\(FRED Format\)](#)

[BXRH-XXX030X-B-8X\(Generic Binary Format\)](#)

[BXRH-XXX030X-B-8X\(LightTools Format\)](#)

[BXRH-XXX030X-B-8X\(LucidShape Format\)](#)

[BXRH-XXX030X-B-8X\(OptiCAD Format\)](#)

[BXRH-XXX030X-B-8X\(Optics Format\)](#)

[BXRH-XXX030X-B-8X\(Photopia Format\)](#)

[BXRH-XXX030X-B-8X\(SIMULUX Format\)](#)

[BXRH-XXX030X-B-8X\(SPECTER Format\)](#)

[BXRH-XXX030X-B-8X\(TracePro Format\)](#)

[BXRH-XXX030X-B-8X\(Zemax Format\)](#)



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

[BXRH-XXX030X-B-8X\(Generic ASCII\)](#)  
[BXRH-XXX030X-B-8X\(FRED Binary\)](#)  
[BXRH-XXX030X-B-8X\(Generic Binary\)](#)  
[BXRH-XXX030X-B-8X\(LightTools Binary\)](#)  
[BXRH-XXX030X-B-8X\(OptiCAD\)](#)  
[BXRH-XXX030X-B-8X\(Optis Binary\)](#)  
[BXRH-XXX030X-B-8X\(Photopia Binary\)](#)  
[BXRH-XXX030X-B-8X\(TracePro Binary\)](#)  
[BXRH-XXX030X-B-8X\(Zemax Binary\)](#)

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

[BXRH-XXX030X-B-8X\(Generic ASCII\)](#)  
[BXRH-XXX030X-B-8X\(FRED Binary\)](#)  
[BXRH-XXX030X-B-8X\(Generic Binary\)](#)  
[BXRH-XXX030X-B-8X\(LightTools Binary\)](#)  
[BXRH-XXX030X-B-8X\(OptiCAD\)](#)  
[BXRH-XXX030X-B-8X\(Optis Binary\)](#)  
[BXRH-XXX030X-B-8X\(Photopia Binary\)](#)  
[BXRH-XXX030X-B-8X\(TracePro Binary\)](#)  
[BXRH-XXX030X-B-8X\(Zemax Binary\)](#)

**EUL and IES files:**

[BXRH-XXX030X-B-8X\(EULUMDAT Format\)](#)  
[BXRH-XXX030X-B-8X\(IES Format\)](#)

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

