



Ray Files of Bridgelux Gen9 V18C BXRE-XXE40FX-C-9X Products

FTP links to ray files for Bridgelux Gen9 V18C BXRE-XXE40FX-C-9X 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 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 Gen9 V18C BXRE-XXE40FX-C-9X from Bridgelux website for mechanical details of the product.

Radiant Source Model with color information

[BXRE-XXE40F0-C-9X\(Radiant Imaging Source\)](#)

Tris-Color:

[BXRE-XXE40F0-C-9X\(Generic ASCII Format\)](#)

[BXRE-XXE40F0-C-9X\(Generic Binary Format\)](#)

[BXRE-XXE40F0-C-9X\(LightTools Binary Format\)](#)

Photopic:

[BXRE-XXE40F0-C-9X\(ASAP Format\)](#)

[BXRE-XXE40F0-C-9X\(ASCII Format\)](#)

[BXRE-XXE40F0-C-9X\(FRED Format\)](#)

[BXRE-XXE40F0-C-9X\(Generic Binary Format\)](#)

[BXRE-XXE40F0-C-9X\(LightTools Format\)](#)

[BXRE-XXE40F0-C-9X\(LucidShape Format\)](#)

[BXRE-XXE40F0-C-9X\(OptiCAD Format\)](#)

[BXRE-XXE40F0-C-9X\(Optis Format\)](#)

[BXRE-XXE40F0-C-9X\(Photopia Format\)](#)

[BXRE-XXE40F0-C-9X\(SIMULUX Format\)](#)

[BXRE-XXE40F0-C-9X\(SPECTER Format\)](#)

[BXRE-XXE40F0-C-9X\(TracePro Format\)](#)

[BXRE-XXE40F0-C-9X\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

- [BXRE-XXE40F0-C-9X\(Generic ASCII\)](#)
- [BXRE-XXE40F0-C-9X\(FRED Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Generic Binary\)](#)
- [BXRE-XXE40F0-C-9X\(LightTools Binary\)](#)
- [BXRE-XXE40F0-C-9X\(OptiCAD\)](#)
- [BXRE-XXE40F0-C-9X\(Optis Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Photopia Binary\)](#)
- [BXRE-XXE40F0-C-9X\(TracePro Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

- [BXRE-XXE40F0-C-9X\(Generic ASCII\)](#)
- [BXRE-XXE40F0-C-9X\(FRED Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Generic Binary\)](#)
- [BXRE-XXE40F0-C-9X\(LightTools Binary\)](#)
- [BXRE-XXE40F0-C-9X\(OptiCAD\)](#)
- [BXRE-XXE40F0-C-9X\(Optis Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Photopia Binary\)](#)
- [BXRE-XXE40F0-C-9X\(TracePro Binary\)](#)
- [BXRE-XXE40F0-C-9X\(Zemax Binary\)](#)

EUL and IES files:

- [BXRE-XXE40F0-C-9X\(EULUMDAT Format\)](#)
- [BXRE-XXE40F0-C-9X\(IES Format\)](#)

Alignment during radiant source model and ray file generation

