



Ray Files of Bridgelux V18 BXRE-XXX4000-F-2X Products

FTP links to ray files for Bridgelux V18 BXRE-XXX4000-F-2X LED Array products can be found in this document. In order to download the ray files, please click on the link.

Note:

- The ray files in this file are for V18 BXRE-XXX4000-F-2X.
- 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).
- For mechanical details of V18, please find 3D CAD files of Vero18 BXRE-XXX4000-F-2X from Bridgelux website.

Radiant Source Model with color and spectra information

[BXRE-30E4000-F-23\(Radiant Imaging Source\)](#)

Spectral (spectrum adjusted by view angle):

[BXRE-30E4000-F-23\(Generic ASCII\)](#)
[BXRE-30E4000-F-23\(FRED Binary\)](#)
[BXRE-30E4000-F-23\(Generic Binary\)](#)
[BXRE-30E4000-F-23\(LightTools Binary\)](#)
[BXRE-30E4000-F-23\(OptiCAD\)](#)
[BXRE-30E4000-F-23\(Optis Binary\)](#)
[BXRE-30E4000-F-23\(Photopia Binary\)](#)
[BXRE-30E4000-F-23\(Zemax Binary\)](#)

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

[BXRE-30E4000-F-23\(Generic ASCII\)](#)
[BXRE-30E4000-F-23\(FRED Binary\)](#)
[BXRE-30E4000-F-23\(Generic Binary\)](#)
[BXRE-30E4000-F-23\(LightTools Binary\)](#)
[BXRE-30E4000-F-23\(OptiCAD\)](#)
[BXRE-30E4000-F-23\(Optis Binary\)](#)
[BXRE-30E4000-F-23\(Photopia Binary\)](#)
[BXRE-30E4000-F-23\(Zemax Binary\)](#)



Tris-Color:

- [BXRE-30E4000-F-23\(Generic ASCII Format\)](#)
- [BXRE-30E4000-F-23\(Generic Binary Format\)](#)
- [BXRE-30E4000-F-23\(LightTools Binary Format\)](#)
- [BXRE-30E4000-F-23\(Zemax Format\)](#)

Photopic:

- [BXRE-30E4000-F-23\(ASAP Format\)](#)
- [BXRE-30E4000-F-23\(ASCII Format\)](#)
- [BXRE-30E4000-F-23\(FRED Format\)](#)
- [BXRE-30E4000-F-23\(Generic Binary Format\)](#)
- [BXRE-30E4000-F-23\(LighTools Format\)](#)
- [BXRE-30E4000-F-23\(LucidShape Format\)](#)
- [BXRE-30E4000-F-23\(OptiCAD Format\)](#)
- [BXRE-30E4000-F-23\(Optis Format\)](#)
- [BXRE-30E4000-F-23\(Photopia Format\)](#)
- [BXRE-30E4000-F-23\(SIMULUX Format\)](#)
- [BXRE-30E4000-F-23\(SPECTER Format\)](#)
- [BXRE-30E4000-F-23\(TracePro Format\)](#)
- [BXRE-30E4000-F-23\(Zemax Format\)](#)

EUL and IES files:

- [BXRE-30E4000-F-23\(EULUMDAT Format\)](#)
- [BXRE-30E4000-F-23\(IES Format\)](#)

Alignment during radiant source model and ray file generation

