



Ray Files of Bridgelux V22 BXRE-XXX6500-H-2X Products

FTP links to ray files for Bridgelux V22 BXRE-XXX6500-H-2X 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 V22 BXRE-XXX6500-H-2X.
- The files are based on test of a 3000K 80CRI part at nominal drive current 1400mA 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).
- Both Spectral and TrisColor ray files have color information.
- 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 V22 BXRE-XXX6500-H-2X from Bridgelux website for mechanical details of the product.

Radiant Source Model with color and spectra information

[BXRE-XXX6500-H-2X\(Radiant Imaging Source\)](#)

Spectral (spectrum adjusted by view angle):

[BXRE-XXX6500-H-2X\(Generic ASCII\)](#)
[BXRE-XXX6500-H-2X\(FRED Binary\)](#)
[BXRE-XXX6500-H-2X\(Generic Binary\)](#)
[BXRE-XXX6500-H-2X\(LightTools Binary\)](#)
[BXRE-XXX6500-H-2X\(OptiCAD\)](#)
[BXRE-XXX6500-H-2X\(Optis Binary\)](#)
[BXRE-XXX6500-H-2X\(Photopia Binary\)](#)
[BXRE-XXX6500-H-2X\(Zemax Binary\)](#)

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

[BXRE-XXX6500-H-2X\(Generic ASCII\)](#)
[BXRE-XXX6500-H-2X\(FRED Binary\)](#)
[BXRE-XXX6500-H-2X\(Generic Binary\)](#)
[BXRE-XXX6500-H-2X\(LightTools Binary\)](#)
[BXRE-XXX6500-H-2X\(OptiCAD\)](#)
[BXRE-XXX6500-H-2X\(Optis Binary\)](#)
[BXRE-XXX6500-H-2X\(Photopia Binary\)](#)
[BXRE-XXX6500-H-2X\(Zemax Binary\)](#)



Tris-Color:

[BXRE-XXX6500-H-2X\(Generic ASCII Format\)](#)
[BXRE-XXX6500-H-2X\(Generic Binary Format\)](#)
[BXRE-XXX6500-H-2X\(LightTools Binary Format\)](#)

Photopic:

[BXRE-XXX6500-H-2X\(ASAP Format\)](#)
[BXRE-XXX6500-H-2X\(ASCII Format\)](#)
[BXRE-XXX6500-H-2X\(FRED Format\)](#)
[BXRE-XXX6500-H-2X\(Generic Binary Format\)](#)
[BXRE-XXX6500-H-2X\(LighTools Format\)](#)
[BXRE-XXX6500-H-2X\(LucidShape Format\)](#)
[BXRE-XXX6500-H-2X\(OptiCAD Format\)](#)
[BXRE-XXX6500-H-2X\(Optis Format\)](#)
[BXRE-XXX6500-H-2X\(Photopia Format\)](#)
[BXRE-XXX6500-H-2X\(SIMULUX Format\)](#)
[BXRE-XXX6500-H-2X\(SPECTER Format\)](#)
[BXRE-XXX6500-H-2X\(TracePro Format\)](#)
[BXRE-XXX6500-H-2X\(Zemax Format\)](#)

EUL and IES files:

[BXRE-XXX6500-H-2X\(EULUMDAT Format\)](#)
[BXRE-XXX6500-H-2X\(IES Format\)](#)

Alignment during radiant source model and ray file generation

