



Ray Files of Bridgelux F90 V18 BXRE-XXG40F0-B-8X Products

FTP links to ray files for Bridgelux F90 V18 BXRE-XXG40F0-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 700mA 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 F90 V18 BXRE-XXG40F0-B-8X from Bridgelux website for mechanical details of the product.

Radiant Source Model with color information

[BXRE-XXG40F0-B-8X\(Radiant Imaging Source\)](#)

Tris-Color:

[BXRE-XXG40F0-B-8X\(Generic ASCII Format\)](#)
[BXRE-XXG40F0-B-8X\(Generic Binary Format\)](#)
[BXRE-XXG40F0-B-8X\(LightTools Binary Format\)](#)

Photopic:

[BXRE-XXG40F0-B-8X\(ASAP Format\)](#)
[BXRE-XXG40F0-B-8X\(ASCII Format\)](#)
[BXRE-XXG40F0-B-8X\(FRED Format\)](#)
[BXRE-XXG40F0-B-8X\(Generic Binary Format\)](#)
[BXRE-XXG40F0-B-8X\(LightTools Format\)](#)
[BXRE-XXG40F0-B-8X\(LucidShape Format\)](#)
[BXRE-XXG40F0-B-8X\(OptiCAD Format\)](#)
[BXRE-XXG40F0-B-8X\(Optics Format\)](#)
[BXRE-XXG40F0-B-8X\(Photopia Format\)](#)
[BXRE-XXG40F0-B-8X\(SIMULUX Format\)](#)
[BXRE-XXG40F0-B-8X\(SPECTER Format\)](#)
[BXRE-XXG40F0-B-8X\(TracePro Format\)](#)
[BXRE-XXG40F0-B-8X\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

[BXRE-XXG40F0-B-8X\(Generic ASCII\)](#)
[BXRE-XXG40F0-B-8X\(FRED Binary\)](#)
[BXRE-XXG40F0-B-8X\(Generic Binary\)](#)
[BXRE-XXG40F0-B-8X\(LightTools Binary\)](#)
[BXRE-XXG40F0-B-8X\(OptiCAD\)](#)
[BXRE-XXG40F0-B-8X\(Optis Binary\)](#)
[BXRE-XXG40F0-B-8X\(Photopia Binary\)](#)
[BXRE-XXG40F0-B-8X\(TracePro Binary\)](#)
[BXRE-XXG40F0-B-8X\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

[BXRE-XXG40F0-B-8X\(Generic ASCII\)](#)
[BXRE-XXG40F0-B-8X\(FRED Binary\)](#)
[BXRE-XXG40F0-B-8X\(Generic Binary\)](#)
[BXRE-XXG40F0-B-8X\(LightTools Binary\)](#)
[BXRE-XXG40F0-B-8X\(OptiCAD\)](#)
[BXRE-XXG40F0-B-8X\(Optis Binary\)](#)
[BXRE-XXG40F0-B-8X\(Photopia Binary\)](#)
[BXRE-XXG40F0-B-8X\(TracePro Binary\)](#)
[BXRE-XXG40F0-B-8X\(Zemax Binary\)](#)

EUL and IES files:

[BXRE-XXG40F0-B-8X\(EULUMDAT Format\)](#)
[BXRE-XXG40F0-B-8X\(IES Format\)](#)

Alignment during radiant source model and ray file generation

