



Ray Files of Bridgelux 2835 0.2W 3V 3D/3C6 Products

FTP links to ray files for Bridgelux 2835 0.2W 3V BXFN-XXE-21L-3D/BXEN-XXE-21L-3C6 SMD 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 BXFN-27E-21L-3D part at nominal drive current 65mA
- 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).

Radiant Source Model with color information

[BXFN-XXE-21L-3D\(Radiant Imaging Source\)](#)

Tris-Color:

[BXFN-XXE-21L-3D\(Generic ASCII Format\)](#)

[BXFN-XXE-21L-3D\(Generic Binary Format\)](#)

[BXFN-XXE-21L-3D\(LightTools Binary Format\)](#)

Photopic:

[BXFN-XXE-21L-3D\(ASAP Format\)](#)

[BXFN-XXE-21L-3D\(ASCII Format\)](#)

[BXFN-XXE-21L-3D\(FRED Format\)](#)

[BXFN-XXE-21L-3D\(Generic Binary Format\)](#)

[BXFN-XXE-21L-3D\(LightTools Format\)](#)

[BXFN-XXE-21L-3D\(LucidShape Format\)](#)

[BXFN-XXE-21L-3D\(OptiCAD Format\)](#)

[BXFN-XXE-21L-3D\(Optis Format\)](#)

[BXFN-XXE-21L-3D\(Photopia Format\)](#)

[BXFN-XXE-21L-3D\(SIMULUX Format\)](#)

[BXFN-XXE-21L-3D\(SPECTER Format\)](#)

[BXFN-XXE-21L-3D\(TracePro Format\)](#)

[BXFN-XXE-21L-3D\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

- [BXFN-XXE-21L-3D\(Generic ASCII\)](#)
- [BXFN-XXE-21L-3D\(FRED Binary\)](#)
- [BXFN-XXE-21L-3D\(Generic Binary\)](#)
- [BXFN-XXE-21L-3D\(LightTools Binary\)](#)
- [BXFN-XXE-21L-3D\(OptiCAD\)](#)
- [BXFN-XXE-21L-3D\(Optis Binary\)](#)
- [BXFN-XXE-21L-3D\(Photopia Binary\)](#)
- [BXFN-XXE-21L-3D\(TracePro Binary\)](#)
- [BXFN-XXE-21L-3D\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

- [BXFN-XXE-21L-3D\(Generic ASCII\)](#)
- [BXFN-XXE-21L-3D\(FRED Binary\)](#)
- [BXFN-XXE-21L-3D\(Generic Binary\)](#)
- [BXFN-XXE-21L-3D\(LightTools Binary\)](#)
- [BXFN-XXE-21L-3D\(OptiCAD\)](#)
- [BXFN-XXE-21L-3D\(Optis Binary\)](#)
- [BXFN-XXE-21L-3D\(Photopia Binary\)](#)
- [BXFN-XXE-21L-3D\(TracePro Binary\)](#)
- [BXFN-XXE-21L-3D\(Zemax Binary\)](#)

EUL and IES files:

- [BXFN-XXE-21L-3D\(EULUMDAT Format\)](#)
- [BXFN-XXE-21L-3D\(IES Format\)](#)

Alignment during radiant source model and ray file generation

