



## Ray Files of Bridgelux 2835 0.2W 3V F90 BXFN-XXG-21L-3C4/S80 BXEN-XXE-21L-3F Products

FTP links to ray files for Bridgelux 2835 0.2W 3V F90 BXFN-XXG-21L-3C4/S80 BXEN-XXE-21L-3F 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-40G-21L-3C4 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-XXX-21L-3C4\(Radiant Imaging Source\)](#)

#### Tris-Color:

[BXFN-XXX-21L-3C4\(Generic ASCII Format\)](#)

[BXFN-XXX-21L-3C4\(Generic Binary Format\)](#)

[BXFN-XXX-21L-3C4\(LightTools Binary Format\)](#)

#### Photopic:

[BXFN-XXX-21L-3C4\(ASAP Format\)](#)

[BXFN-XXX-21L-3C4\(ASCII Format\)](#)

[BXFN-XXX-21L-3C4\(FRED Format\)](#)

[BXFN-XXX-21L-3C4\(Generic Binary Format\)](#)

[BXFN-XXX-21L-3C4\(LightTools Format\)](#)

[BXFN-XXX-21L-3C4\(LucidShape Format\)](#)

[BXFN-XXX-21L-3C4\(OptiCAD Format\)](#)

[BXFN-XXX-21L-3C4\(Optis Format\)](#)

[BXFN-XXX-21L-3C4\(Photopia Format\)](#)

[BXFN-XXX-21L-3C4\(SIMULUX Format\)](#)

[BXFN-XXX-21L-3C4\(SPECTER Format\)](#)

[BXFN-XXX-21L-3C4\(TracePro Format\)](#)

[BXFN-XXX-21L-3C4\(Zemax Format\)](#)



**Spectral (spectrum adjusted by view angle)**

[BXFN-XXX-21L-3C4\(Generic ASCII\)](#)  
[BXFN-XXX-21L-3C4\(FRED Binary\)](#)  
[BXFN-XXX-21L-3C4\(Generic Binary\)](#)  
[BXFN-XXX-21L-3C4\(LightTools Binary\)](#)  
[BXFN-XXX-21L-3C4\(OptiCAD\)](#)  
[BXFN-XXX-21L-3C4\(Optis Binary\)](#)  
[BXFN-XXX-21L-3C4\(Photopia Binary\)](#)  
[BXFN-XXX-21L-3C4\(TracePro Binary\)](#)  
[BXFN-XXX-21L-3C4\(Zemax Binary\)](#)

**Spectral (spectrum adjusted by emission location)**

[BXFN-XXX-21L-3C4\(Generic ASCII\)](#)  
[BXFN-XXX-21L-3C4\(FRED Binary\)](#)  
[BXFN-XXX-21L-3C4\(Generic Binary\)](#)  
[BXFN-XXX-21L-3C4\(LightTools Binary\)](#)  
[BXFN-XXX-21L-3C4\(OptiCAD\)](#)  
[BXFN-XXX-21L-3C4\(Optis Binary\)](#)  
[BXFN-XXX-21L-3C4\(Photopia Binary\)](#)  
[BXFN-XXX-21L-3C4\(TracePro Binary\)](#)  
[BXFN-XXX-21L-3C4\(Zemax Binary\)](#)

**EUL and IES files:**

[BXFN-XXX-21L-3C4\(EULUMDAT Format\)](#)  
[BXFN-XXX-21L-3C4\(IES Format\)](#)

### Alignment during radiant source model and ray file generation

