



Ray Files of Bridgelux F90 2835 0.2W 3V BXFN-XXX-21L-3C3 Products

FTP links to ray files for Bridgelux F90 2835 0.2W 3V BXFN-XXX-21L-3C3 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 a 4000K 90CRI 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-3C3\(Radiant Imaging Source\)](#)

Tris-Color:

[BXFN-XXX-21L-3C3\(Generic ASCII Format\)](#)
[BXFN-XXX-21L-3C3\(Generic Binary Format\)](#)
[BXFN-XXX-21L-3C3\(LightTools Binary Format\)](#)

Photopic:

[BXFN-XXX-21L-3C3\(ASAP Format\)](#)
[BXFN-XXX-21L-3C3\(ASCII Format\)](#)
[BXFN-XXX-21L-3C3\(FRED Format\)](#)
[BXFN-XXX-21L-3C3\(Generic Binary Format\)](#)
[BXFN-XXX-21L-3C3\(LightTools Format\)](#)
[BXFN-XXX-21L-3C3\(LucidShape Format\)](#)
[BXFN-XXX-21L-3C3\(OptiCAD Format\)](#)
[BXFN-XXX-21L-3C3\(Optics Format\)](#)
[BXFN-XXX-21L-3C3\(Photopia Format\)](#)
[BXFN-XXX-21L-3C3\(SIMULUX Format\)](#)
[BXFN-XXX-21L-3C3\(SPECTER Format\)](#)
[BXFN-XXX-21L-3C3\(TracePro Format\)](#)
[BXFN-XXX-21L-3C3\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

[BXFN-XXX-21L-3C3\(Generic ASCII\)](#)
[BXFN-XXX-21L-3C3\(FRED Binary\)](#)
[BXFN-XXX-21L-3C3\(Generic Binary\)](#)
[BXFN-XXX-21L-3C3\(LightTools Binary\)](#)
[BXFN-XXX-21L-3C3\(OptiCAD\)](#)
[BXFN-XXX-21L-3C3\(Optis Binary\)](#)
[BXFN-XXX-21L-3C3\(Photopia Binary\)](#)
[BXFN-XXX-21L-3C3\(TracePro Binary\)](#)
[BXFN-XXX-21L-3C3\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

[BXFN-XXX-21L-3C3\(Generic ASCII\)](#)
[BXFN-XXX-21L-3C3\(FRED Binary\)](#)
[BXFN-XXX-21L-3C3\(Generic Binary\)](#)
[BXFN-XXX-21L-3C3\(LightTools Binary\)](#)
[BXFN-XXX-21L-3C3\(OptiCAD\)](#)
[BXFN-XXX-21L-3C3\(Optis Binary\)](#)
[BXFN-XXX-21L-3C3\(Photopia Binary\)](#)
[BXFN-XXX-21L-3C3\(TracePro Binary\)](#)
[BXFN-XXX-21L-3C3\(Zemax Binary\)](#)

EUL and IES files:

[BXFN-XXX-21L-3C3\(EULUMDAT Format\)](#)
[BXFN-XXX-21L-3C3\(IES Format\)](#)

Alignment during radiant source model and ray file generation

