



Ray Files of Bridgelux F90 3030 BXFM-XXG-21L-3C(Z)Products

FTP links to ray files for Bridgelux F90 3030 BXFM-XXG-21L-3C(Z) 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 BXFM-40G-21L-3CZ 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

[BXFM-XXG-21L-3C\(Z\)\(Radiant Imaging Source\)](#)

Tris-Color:

[BXFM-XXG-21L-3C\(Z\)\(Generic ASCII Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Generic Binary Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(LightTools Binary Format\)](#)

Photopic:

[BXFM-XXG-21L-3C\(Z\)\(ASAP Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(ASCII Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(FRED Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Generic Binary Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(LightTools Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(LucidShape Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(OptiCAD Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Optics Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Photopia Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(SIMULUX Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(SPECTER Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(TracePro Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

[BXFM-XXG-21L-3C\(Z\)\(Generic ASCII\)](#)
[BXFM-XXG-21L-3C\(Z\)\(FRED Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Generic Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(LightTools Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(OptiCAD\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Optis Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Photopia Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(TracePro Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

[BXFM-XXG-21L-3C\(Z\)\(Generic ASCII\)](#)
[BXFM-XXG-21L-3C\(Z\)\(FRED Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Generic Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(LightTools Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(OptiCAD\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Optis Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Photopia Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(TracePro Binary\)](#)
[BXFM-XXG-21L-3C\(Z\)\(Zemax Binary\)](#)

EUL and IES files:

[BXFM-XXG-21L-3C\(Z\)\(EULUMDAT Format\)](#)
[BXFM-XXG-21L-3C\(Z\)\(IES Format\)](#)

Alignment during radiant source model and ray file generation

