



Ray Files of Bridgelux 2835 1W 9V 13H-9FL Products

FTP links to ray files for Bridgelux 2835 1W 9V 13H-9FL(BXFN-XXG-13H-9FL/BXEN-XXE-13H-9FL) 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 BXEN-35E-13H-9FL part at nominal drive current 100mA
- 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

[BXEN-XXX-13H-9FL\(Radiant Imaging Source\)](#)

Tris-Color:

[BXEN-XXX-13H-9FL\(Generic ASCII Format\)](#)

[BXEN-XXX-13H-9FL\(Generic Binary Format\)](#)

[BXEN-XXX-13H-9FL\(LightTools Binary Format\)](#)

Photopic:

[BXEN-XXX-13H-9FL\(ASAP Format\)](#)

[BXEN-XXX-13H-9FL\(ASCII Format\)](#)

[BXEN-XXX-13H-9FL\(FRED Format\)](#)

[BXEN-XXX-13H-9FL\(Generic Binary Format\)](#)

[BXEN-XXX-13H-9FL\(LightTools Format\)](#)

[BXEN-XXX-13H-9FL\(LucidShape Format\)](#)

[BXEN-XXX-13H-9FL\(OptiCAD Format\)](#)

[BXEN-XXX-13H-9FL\(Optis Format\)](#)

[BXEN-XXX-13H-9FL\(Photopia Format\)](#)

[BXEN-XXX-13H-9FL\(SIMULUX Format\)](#)

[BXEN-XXX-13H-9FL\(SPECTER Format\)](#)

[BXEN-XXX-13H-9FL\(TracePro Format\)](#)

[BXEN-XXX-13H-9FL\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

- [BXEN-XXX-13H-9FL\(Generic ASCII\)](#)
- [BXEN-XXX-13H-9FL\(FRED Binary\)](#)
- [BXEN-XXX-13H-9FL\(Generic Binary\)](#)
- [BXEN-XXX-13H-9FL\(LightTools Binary\)](#)
- [BXEN-XXX-13H-9FL\(OptiCAD\)](#)
- [BXEN-XXX-13H-9FL\(Optis Binary\)](#)
- [BXEN-XXX-13H-9FL\(Photopia Binary\)](#)
- [BXEN-XXX-13H-9FL\(TracePro Binary\)](#)
- [BXEN-XXX-13H-9FL\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

- [BXEN-XXX-13H-9FL\(Generic ASCII\)](#)
- [BXEN-XXX-13H-9FL\(FRED Binary\)](#)
- [BXEN-XXX-13H-9FL\(Generic Binary\)](#)
- [BXEN-XXX-13H-9FL\(LightTools Binary\)](#)
- [BXEN-XXX-13H-9FL\(OptiCAD\)](#)
- [BXEN-XXX-13H-9FL\(Optis Binary\)](#)
- [BXEN-XXX-13H-9FL\(Photopia Binary\)](#)
- [BXEN-XXX-13H-9FL\(TracePro Binary\)](#)
- [BXEN-XXX-13H-9FL\(Zemax Binary\)](#)

EUL and IES files:

- [BXEN-XXX-13H-9FL\(EULUMDAT Format\)](#)
- [BXEN-XXX-13H-9FL\(IES Format\)](#)

Alignment during radiant source model and ray file generation

