



Ray Files of Bridgelux 2835 1W 18V/36V Products

FTP links to ray files for Bridgelux 2835 1W 18V BXEN-XXE-22H-18D/1W 36V BXEN-XXE-14H-36D 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-27E-22H-18D at nominal drive current 50mA
- 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-XXE-22H-18D\(Radiant Imaging Source\)](#)

Tris-Color:

[BXEN-XXE-22H-18D\(Generic ASCII Format\)](#)

[BXEN-XXE-22H-18D\(Generic Binary Format\)](#)

[BXEN-XXE-22H-18D\(LightTools Binary Format\)](#)

Photopic:

[BXEN-XXE-22H-18D\(ASAP Format\)](#)

[BXEN-XXE-22H-18D\(ASCII Format\)](#)

[BXEN-XXE-22H-18D\(FRED Format\)](#)

[BXEN-XXE-22H-18D\(Generic Binary Format\)](#)

[BXEN-XXE-22H-18D\(LightTools Format\)](#)

[BXEN-XXE-22H-18D\(LucidShape Format\)](#)

[BXEN-XXE-22H-18D\(OptiCAD Format\)](#)

[BXEN-XXE-22H-18D\(Optis Format\)](#)

[BXEN-XXE-22H-18D\(Photopia Format\)](#)

[BXEN-XXE-22H-18D\(SIMULUX Format\)](#)

[BXEN-XXE-22H-18D\(SPECTER Format\)](#)

[BXEN-XXE-22H-18D\(TracePro Format\)](#)

[BXEN-XXE-22H-18D\(Zemax Format\)](#)



Spectral (spectrum adjusted by view angle)

[BXEN-XXE-22H-18D\(Generic ASCII\)](#)
[BXEN-XXE-22H-18D\(FRED Binary\)](#)
[BXEN-XXE-22H-18D\(Generic Binary\)](#)
[BXEN-XXE-22H-18D\(LightTools Binary\)](#)
[BXEN-XXE-22H-18D\(OptiCAD\)](#)
[BXEN-XXE-22H-18D\(Optis Binary\)](#)
[BXEN-XXE-22H-18D\(Photopia Binary\)](#)
[BXEN-XXE-22H-18D\(TracePro Binary\)](#)
[BXEN-XXE-22H-18D\(Zemax Binary\)](#)

Spectral (spectrum adjusted by emission location)

[BXEN-XXE-22H-18D\(Generic ASCII\)](#)
[BXEN-XXE-22H-18D\(FRED Binary\)](#)
[BXEN-XXE-22H-18D\(Generic Binary\)](#)
[BXEN-XXE-22H-18D\(LightTools Binary\)](#)
[BXEN-XXE-22H-18D\(OptiCAD\)](#)
[BXEN-XXE-22H-18D\(Optis Binary\)](#)
[BXEN-XXE-22H-18D\(Photopia Binary\)](#)
[BXEN-XXE-22H-18D\(TracePro Binary\)](#)
[BXEN-XXE-22H-18D\(Zemax Binary\)](#)

EUL and IES files:

[BXEN-XXE-22H-18D\(EULUMDAT Format\)](#)
[BXEN-XXE-22H-18D\(IES Format\)](#)

Alignment during radiant source model and ray file generation

