Ray Files of Bridgelux F90 2835 0.2W 3V BXFN-XXX-11L-37 Products

FTP links to ray files for Bridgelux F90 2835 0.2W 3V BXFN-XXX-11L-37 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-11L-37(Radiant Imaging Source)

Tris-Color:

BXFN-XXX-11L-37(Generic ASCII Format)
BXFN-XXX-11L-37(Generic Binary Format)
BXFN-XXX-11L-37(LightTools Binary Format)

Photopic:

BXFN-XXX-11L-37(ASAP Format)
BXFN-XXX-11L-37(ASCII Format)
BXFN-XXX-11L-37(FRED Format)
BXFN-XXX-11L-37(Generic Binary Format)
BXFN-XXX-11L-37(LightTools Format)
BXFN-XXX-11L-37(LucidShape Format)
BXFN-XXX-11L-37(OptiCAD Format)
BXFN-XXX-11L-37(Optics Format)
BXFN-XXX-11L-37(Photopia Format)
BXFN-XXX-11L-37(SIMULUX Format)
BXFN-XXX-11L-37(SPECTER Format)
BXFN-XXX-11L-37(TracePro Format)
BXFN-XXX-11L-37(Zemax Format)

Spectral (spectrum adjusted by view angle)

BXFN-XXX-11L-37(Generic ASCII)
BXFN-XXX-11L-37(FRED Binary)
BXFN-XXX-11L-37(Generic Binary)
BXFN-XXX-11L-37(LightTools Binary)
BXFN-XXX-11L-37(OptiCAD)
BXFN-XXX-11L-37(Optis Binary)
BXFN-XXX-11L-37(Photopia Binary)
BXFN-XXX-11L-37(TracePro Binary)
BXFN-XXX-11L-37(Zemax Binary)

Spectral (spectrum adjusted by emission location)

BXFN-XXX-11L-37(Generic ASCII)
BXFN-XXX-11L-37(FRED Binary)
BXFN-XXX-11L-37(Generic Binary)
BXFN-XXX-11L-37(LightTools Binary)
BXFN-XXX-11L-37(OptiCAD)
BXFN-XXX-11L-37(Optis Binary)
BXFN-XXX-11L-37(Photopia Binary)
BXFN-XXX-11L-37(TracePro Binary)
BXFN-XXX-11L-37(Zemax Binary)

EUL and IES files:

BXFN-XXX-11L-37(EULUMDAT Format)
BXFN-XXX-11L-37(IES Format)

Alignment during radiant source model and ray file generation