Ray Files of Bridgelux Vero10 BXRC-XXX1000-B-2X Products

FTP links to ray files for Bridgelux Vero10 BXRC-XXX1000-B-2X LED Array products can be found in this document. In order to download the ray files, please click on the link.

Note:

- The ray files in this file are for Vero10-B configurations (BXRC-XXX1000-B-2X); for Vero10-C configurations (BXRC-XXX1000-C-2X), please refer to a different file.
- Customers designing on other color SKUs can use the ray files of 30G and adjust the LOP level in their design software.
- All the ray files are generated with 1M rays (IES and EUL format have 10M rays).
- Both Spectral and TrisColor ray files have color information.
- All the rays are generated on a plane at z=0. In terms of where z=0 is aligned, please refer to the two photos at the end of this file, or find more details in reading radiant source model in ProSource (under alignment tab).
- 3D CAD files of Vero10 BXRC-XXX1000-X-2X also provided

Radiant Source Model with color and spectra information

BXRC-XXX1000-B-2X(Radiant Imaging Source)

Spectral (spectrum adjusted by view angle):

BXRC-XXX1000-B-2X(Generic ASCII)
BXRC-XXX1000-B-2X(FRED Binary)
BXRC-XXX1000-B-2X(Generic Binary)
BXRC-XXX1000-B-2X(LightTools Binary)
BXRC-XXX1000-B-2X(OptiCAD)
BXRC-XXX1000-B-2X(Optis Binary)
BXRC-XXX1000-B-2X(Photopia Binary)
BXRC-XXX1000-B-2X(Zemax Binary)

Spectral (spectrum adjusted by emission location, Delta uv tolerance: 0.003):

BXRC-XXX1000-B-2X(Generic ASCII)
BXRC-XXX1000-B-2X(FRED Binary)
BXRC-XXX1000-B-2X(Generic Binary)
BXRC-XXX1000-B-2X(LightTools Binary)
BXRC-XXX1000-B-2X(OptiCAD)
BXRC-XXX1000-B-2X(Optis Binary)
BXRC-XXX1000-B-2X(Photopia Binary)
BXRC-XXX1000-B-2X(Zemax Binary)

Tris-Color:

BXRC-XXX1000-B-2X(Generic ASCII Format)
BXRC-XXX1000-B-2X(Generic Binary Format)
BXRC-XXX1000-B-2X(LightTools Binary Format)
BXRC-XXX1000-B-2X(Zemax Format)

Photopic:

BXRC-XXX1000-B-2X(ASAP Format)
BXRC-XXX1000-B-2X(ASCII Format)
BXRC-XXX1000-B-2X(FRED Format)
BXRC-XXX1000-B-2X(Generic Binary Format)
BXRC-XXX1000-B-2X(LighTools Format)
BXRC-XXX1000-B-2X(LucidShape Format)
BXRC-XXX1000-B-2X(OptiCAD Format)
BXRC-XXX1000-B-2X(Optis Format)
BXRC-XXX1000-B-2X(Photopia Format)
BXRC-XXX1000-B-2X(SIMULUX Format)
BXRC-XXX1000-B-2X(SPECTER Format)
BXRC-XXX1000-B-2X(TracePro Format)
BXRC-XXX1000-B-2X(Zemax Format)

EUL and IES files:

BXRC-XXX1000-B-2X(EULUMDAT Format)
BXRC-XXX1000-B-2X(IES Format)

3D CAD File:

BXRC-XXX1000-B-2X(3D CAD Files)

Alignment during radiant source model and ray file generation