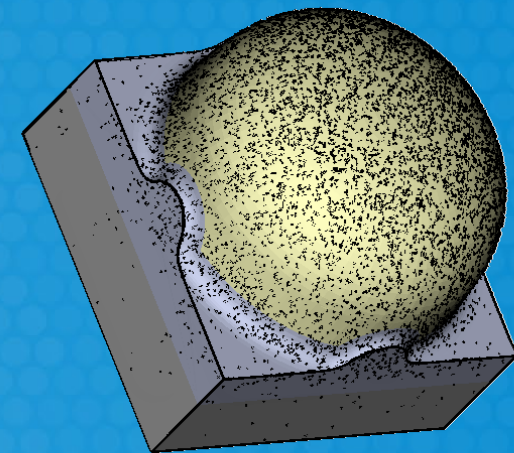


LUXEON C ES Color

Optical Rayset Readme

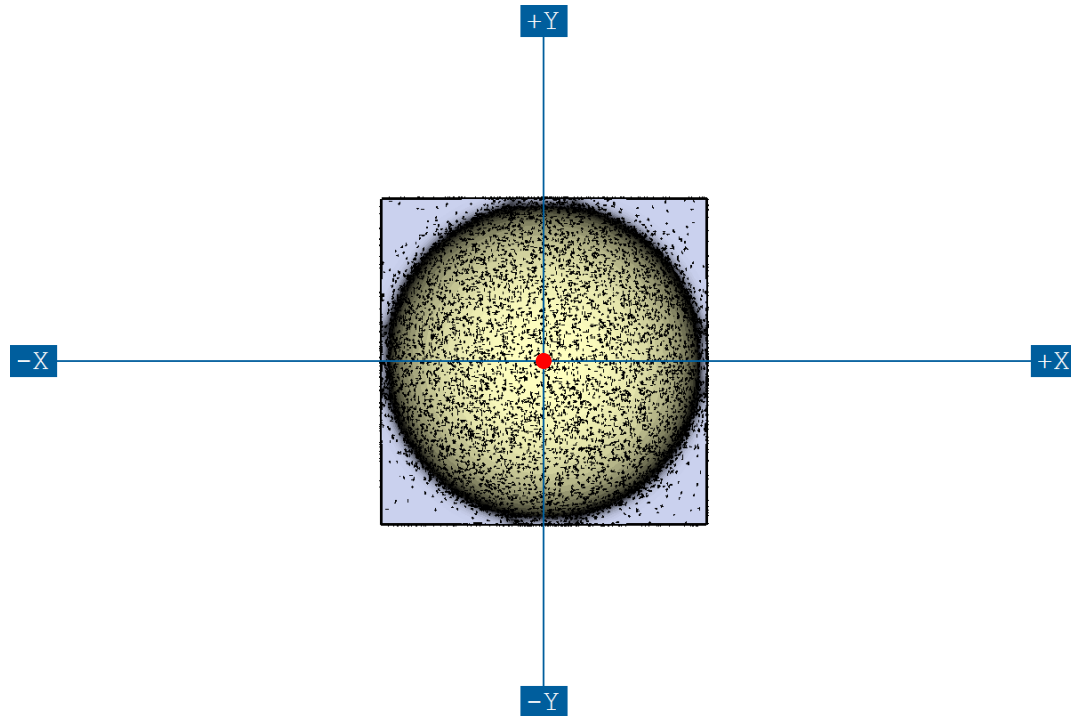
Dec 10th, 2024



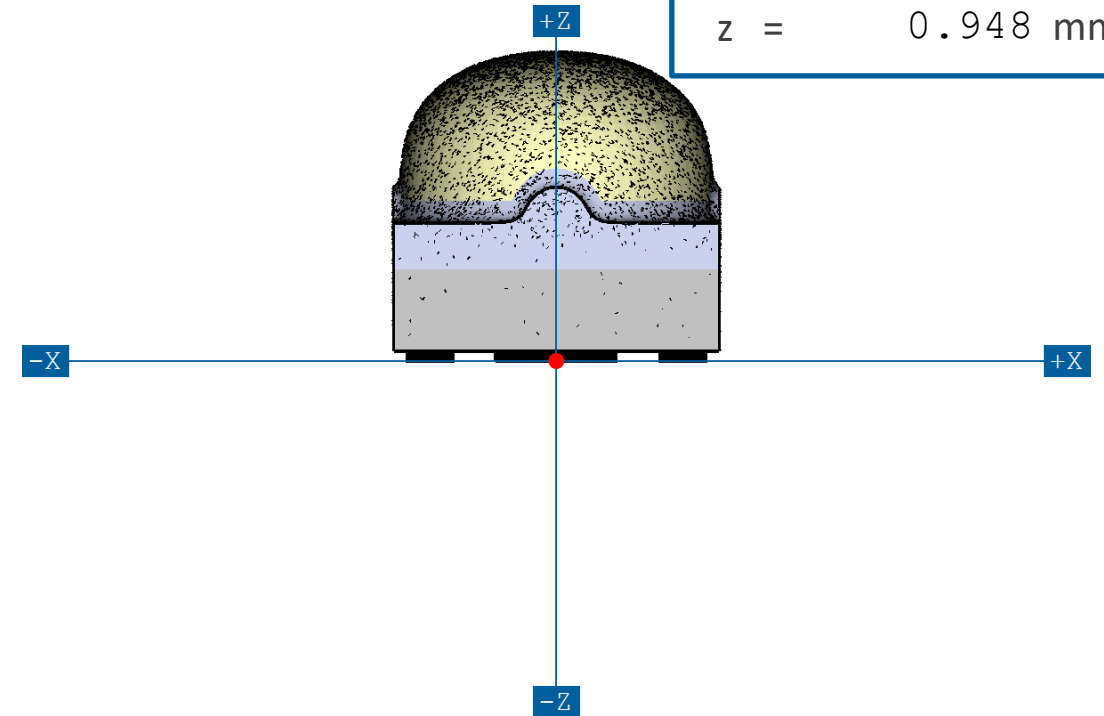
LUXEON C ES Color Blue

Coordinate system

Top view



Side view



Pseudo focal point

x =	-0.005 mm
y =	0.001 mm
z =	0.948 mm

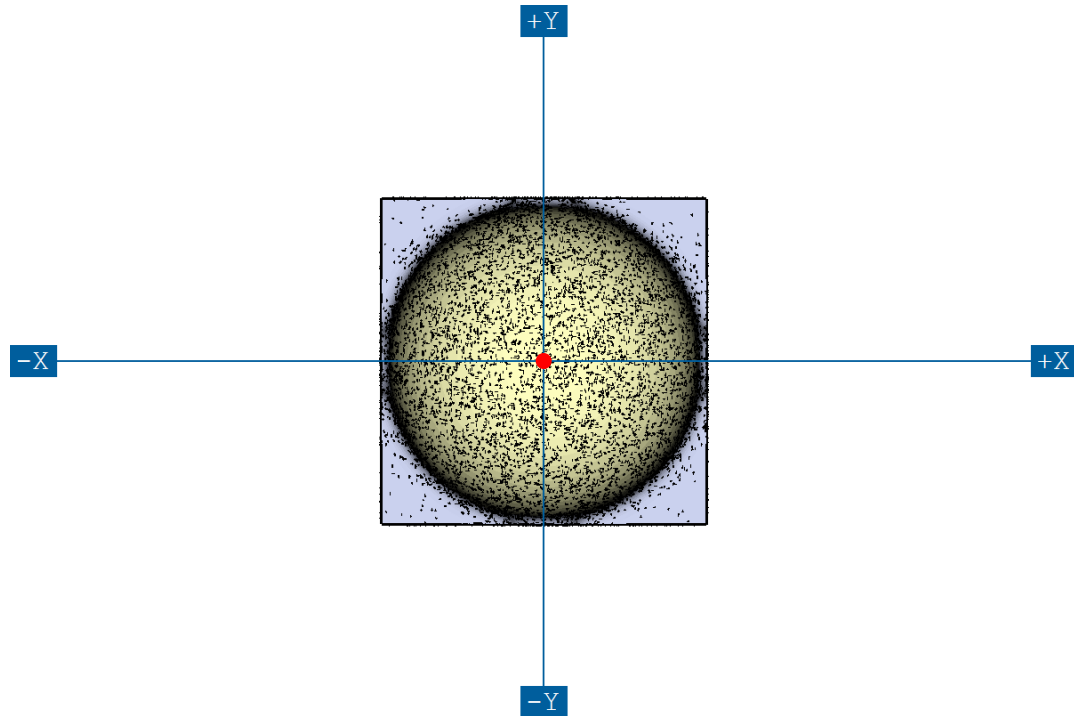
**CAD file and rayset files share the same coordinate system,
the origin is marked by the red dot in the sketches above:**

xy center == center of light emitting area
z=0 plane == Bottom of package

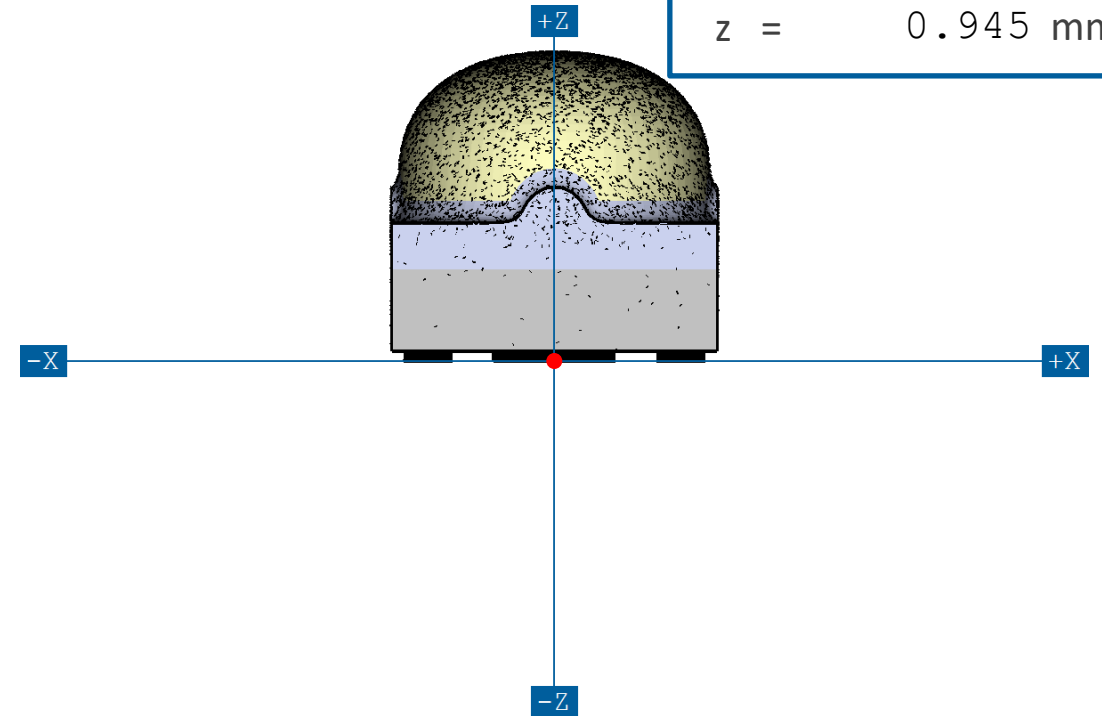
LUXEON C ES Color Cyan

Coordinate system

Top view



Side view



Pseudo focal point

x =	-0.003 mm
y =	-0.002 mm
z =	0.945 mm

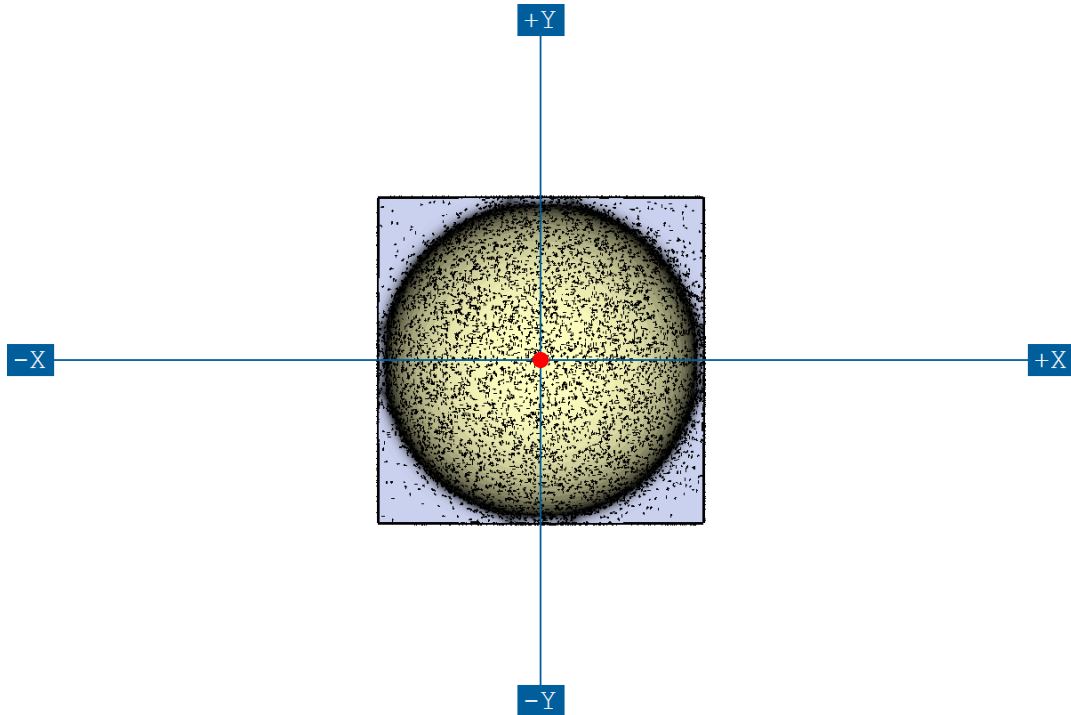
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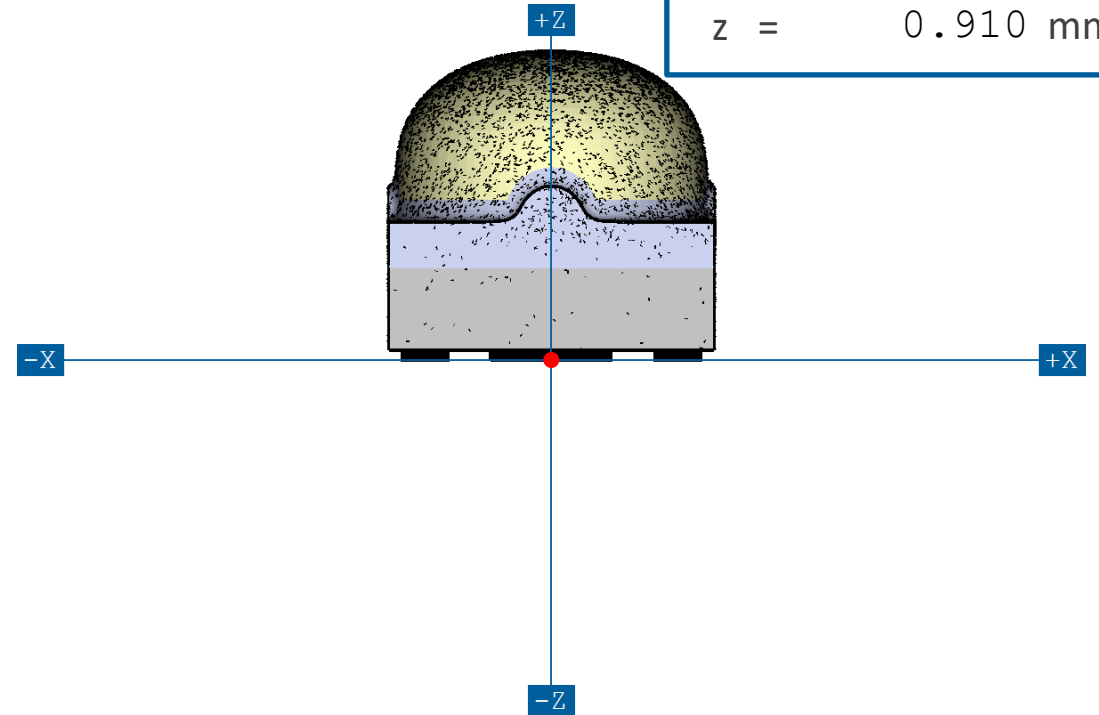
LUXEON C ES Color Deep Red

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.096 mm
y =	-0.010 mm
z =	0.910 mm

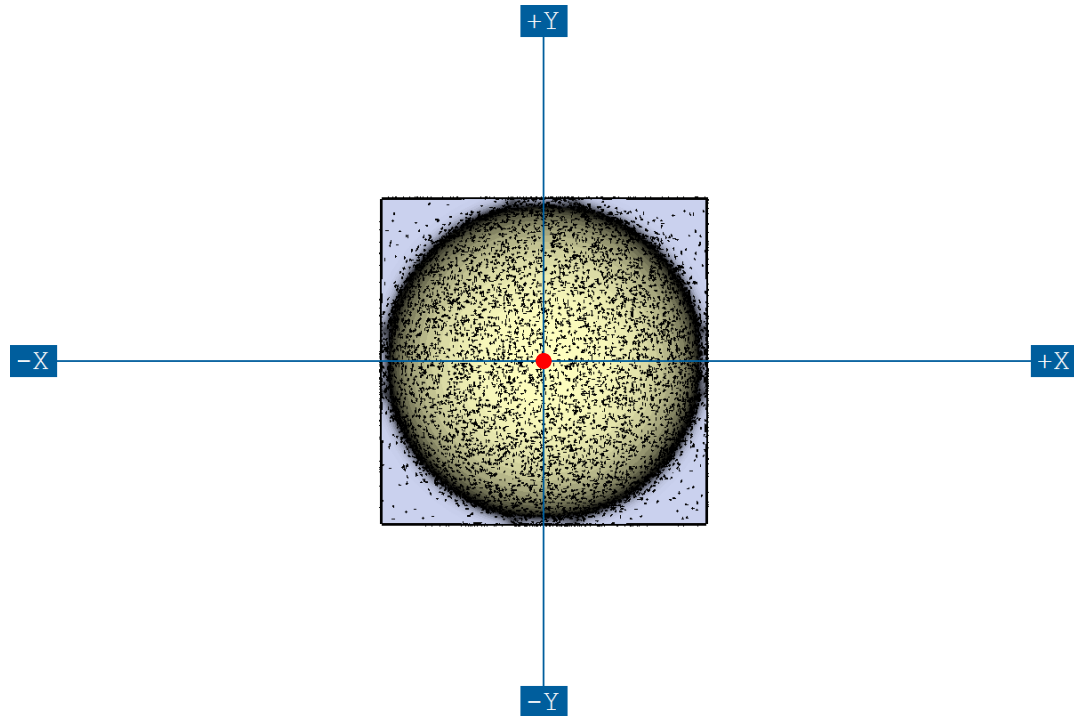
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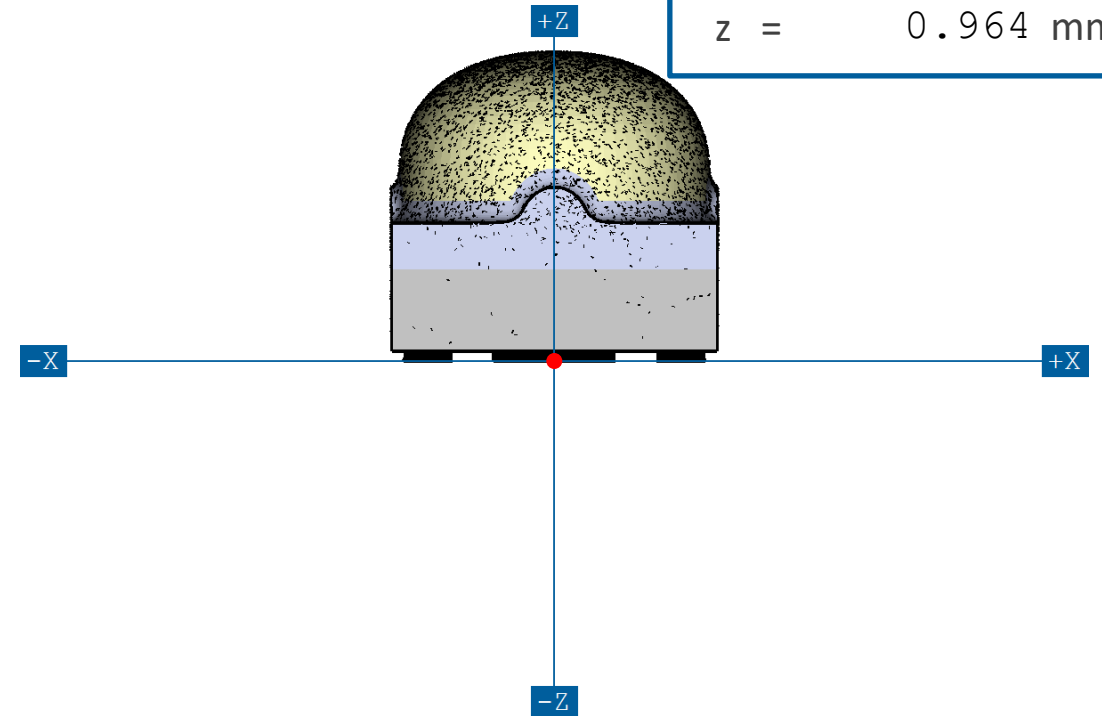
LUXEON C ES Color Green

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.020 mm
y =	0.003 mm
z =	0.964 mm

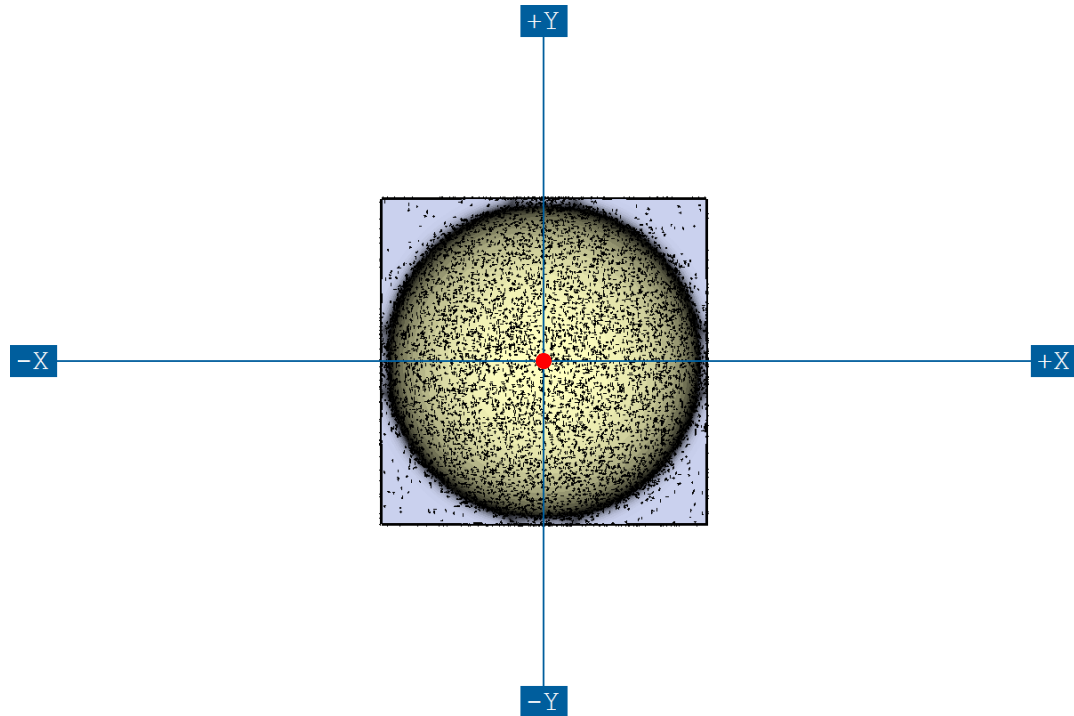
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xy center == center of light emitting area
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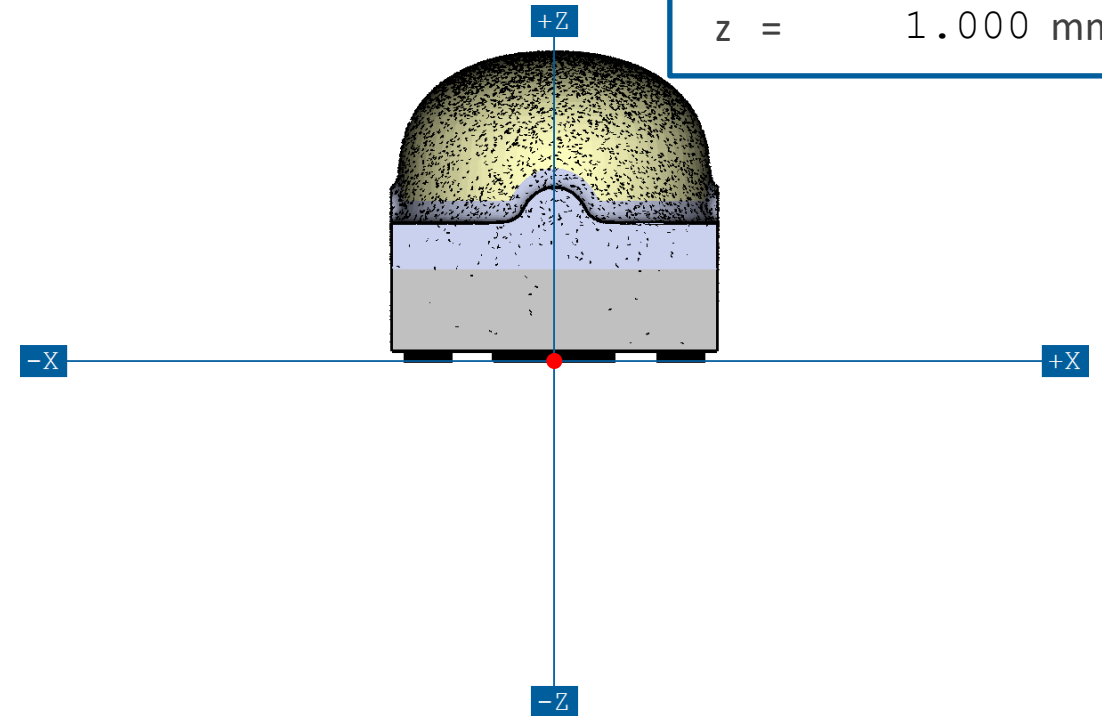
LUXEON C ES Color Mint

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.021 mm
y =	-0.004 mm
z =	1.000 mm

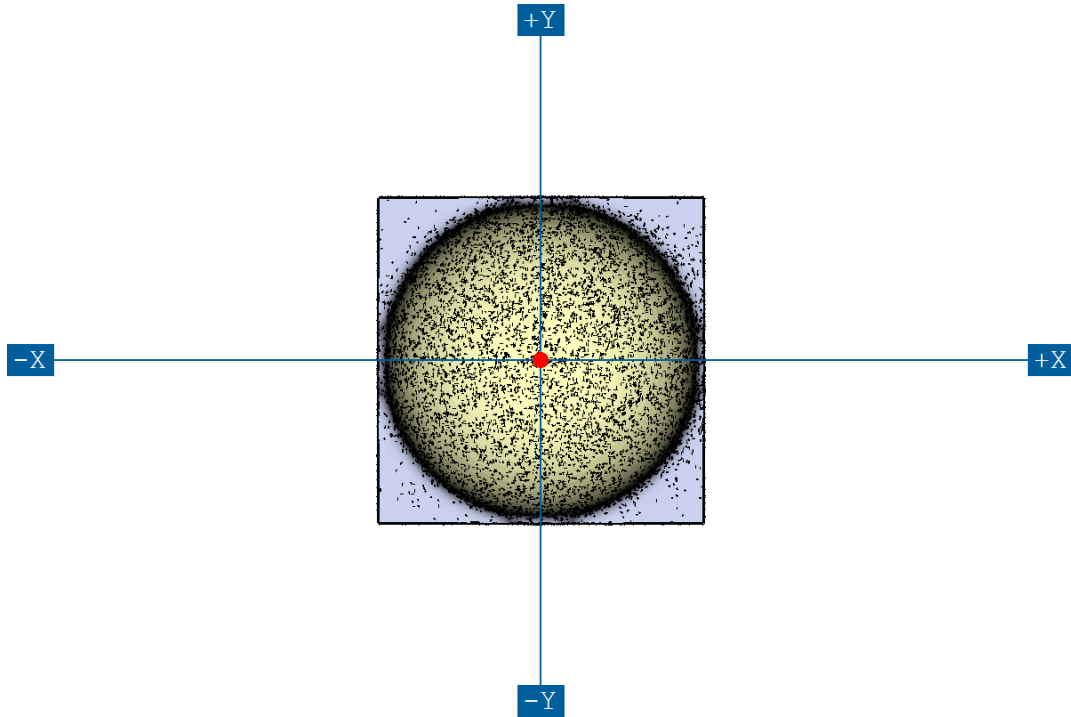
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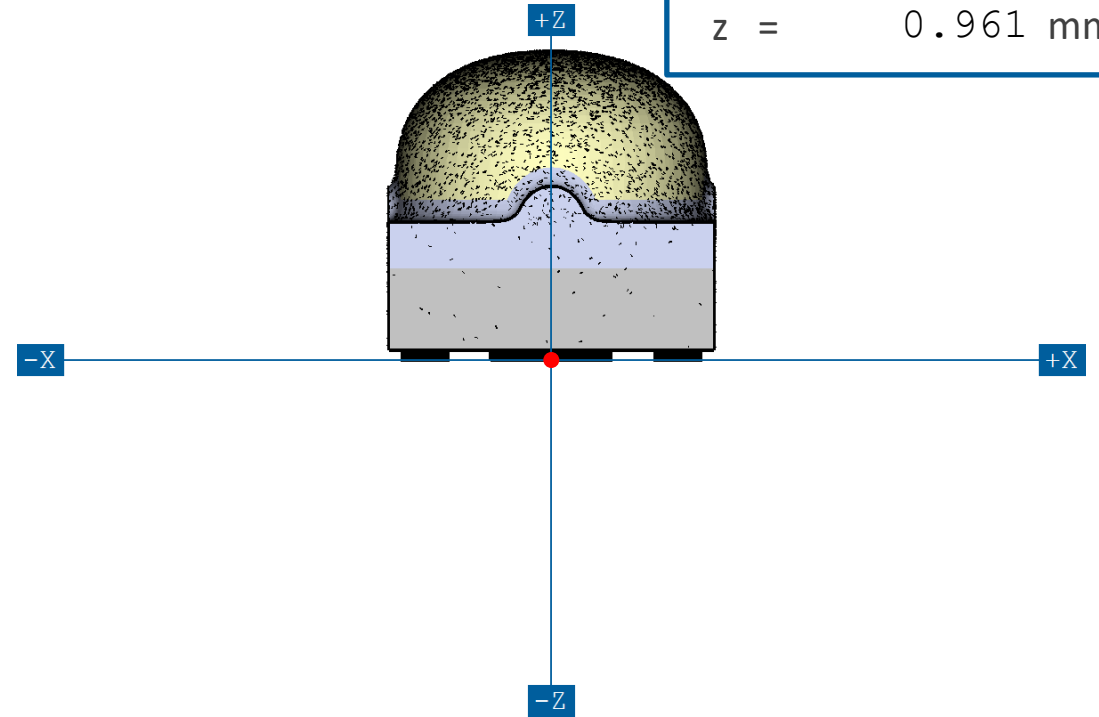
LUXEON C ES Color Red

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.101 mm
y =	0.028 mm
z =	0.961 mm

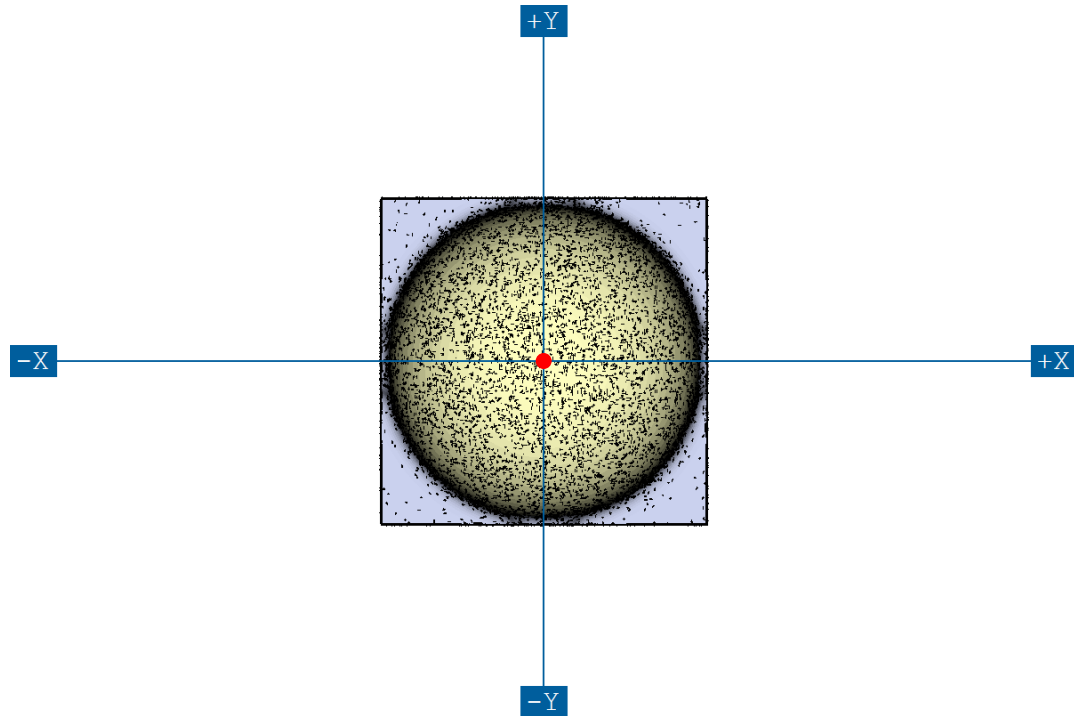
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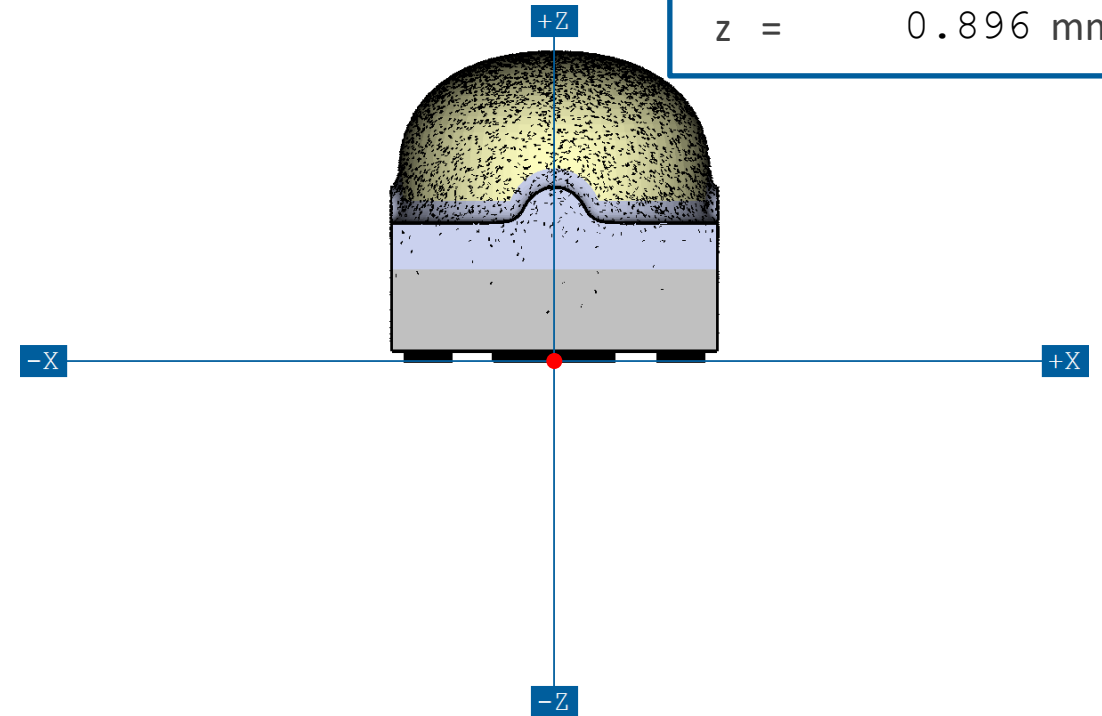
LUXEON C ES Color Royal Blue

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.010 mm
y =	0.023 mm
z =	0.896 mm

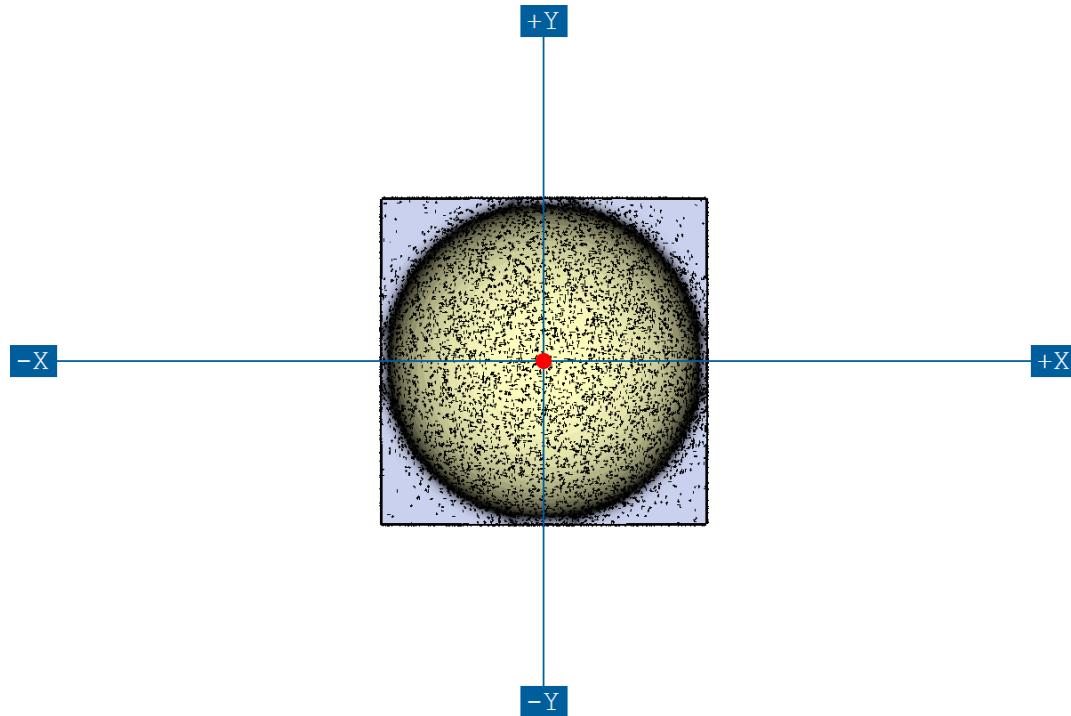
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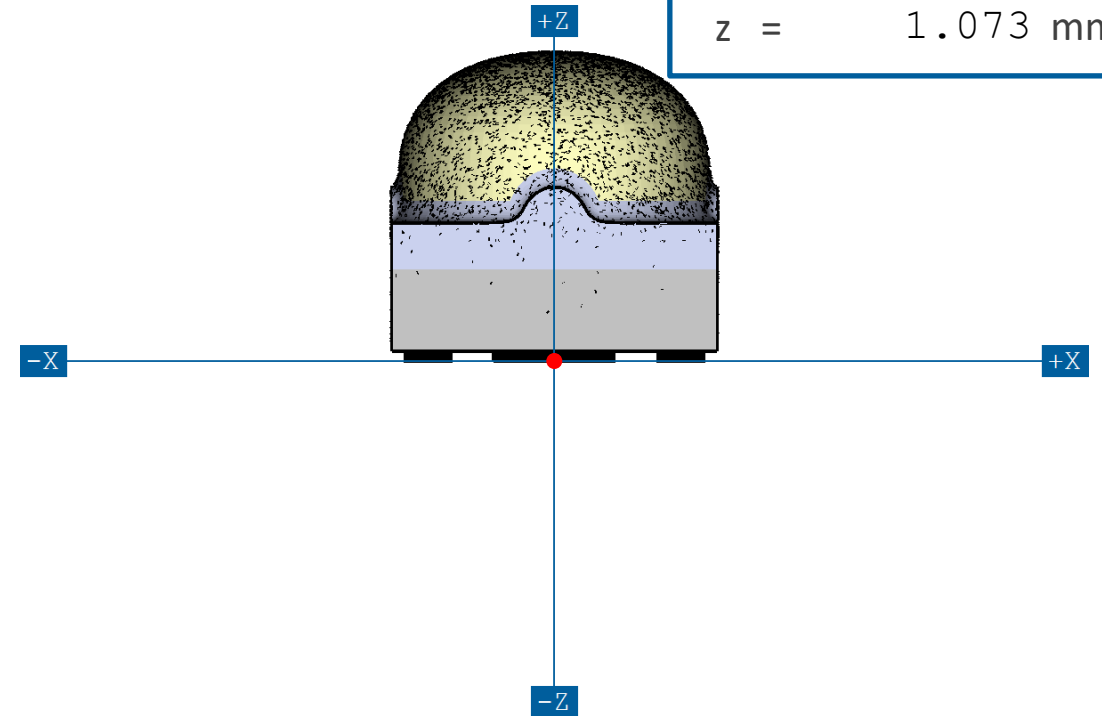
LUXEON C ES Color PC Amber

Coordinate system

Top view



Side view



Pseudo focal point

x =	0.044 mm
y =	0.004 mm
z =	1.073 mm

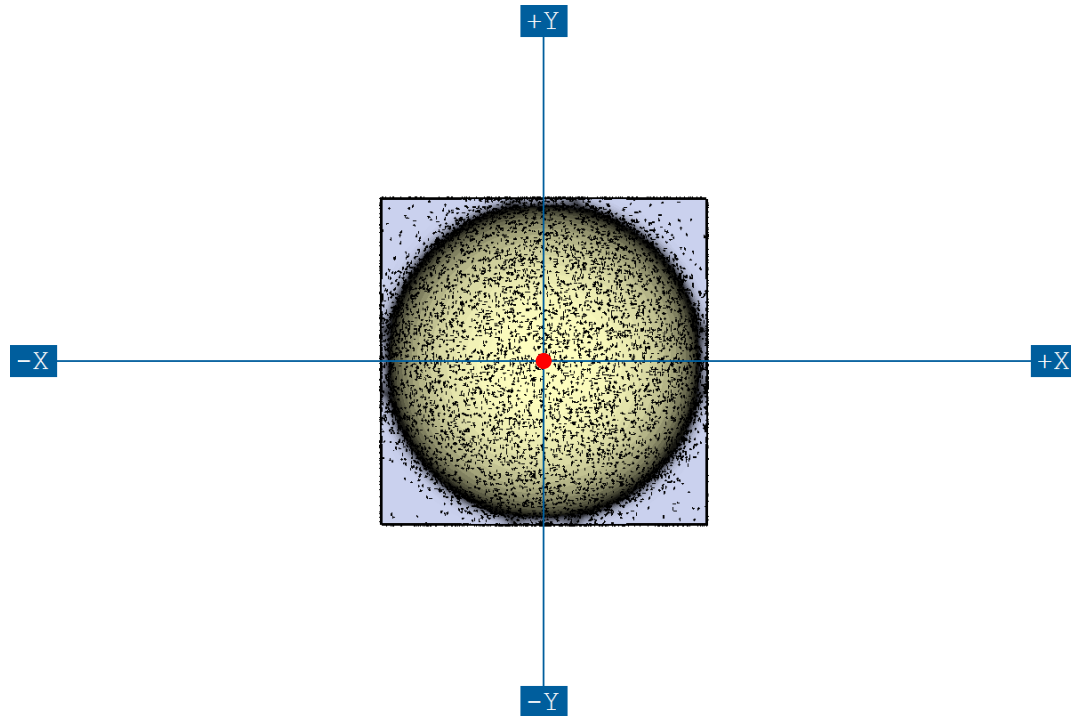
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xy center == center of light emitting area
z=0 plane == Bottom of package

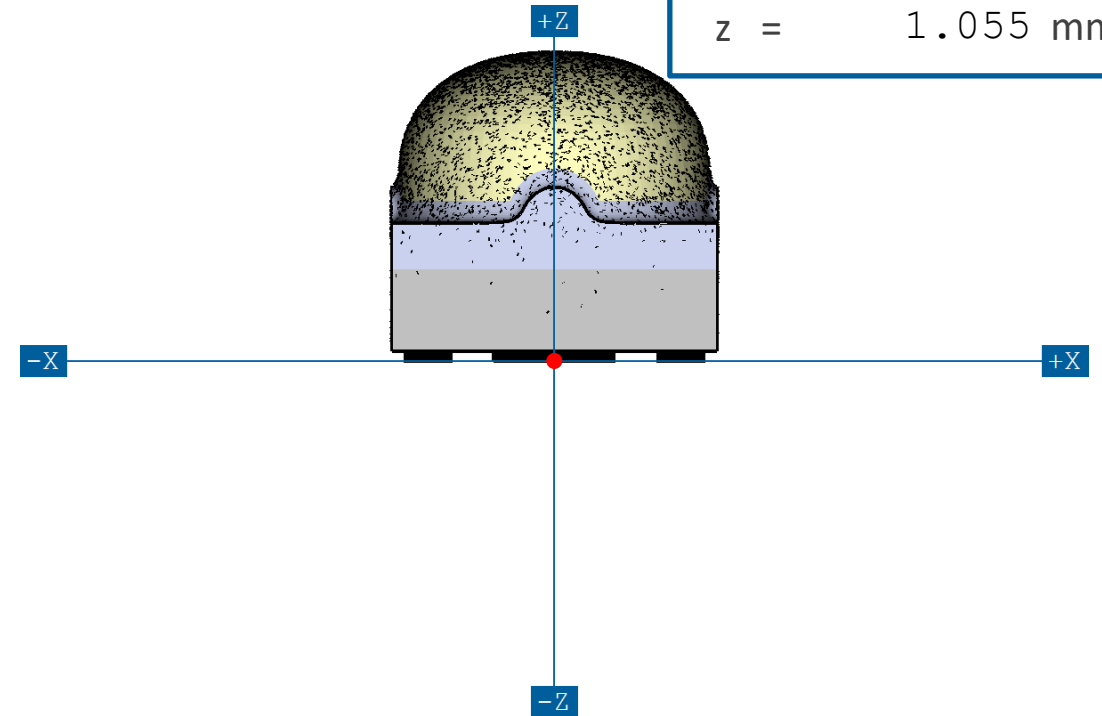
LUXEON C ES Color Lime

Coordinate system

Top view



Side view



Pseudo focal point

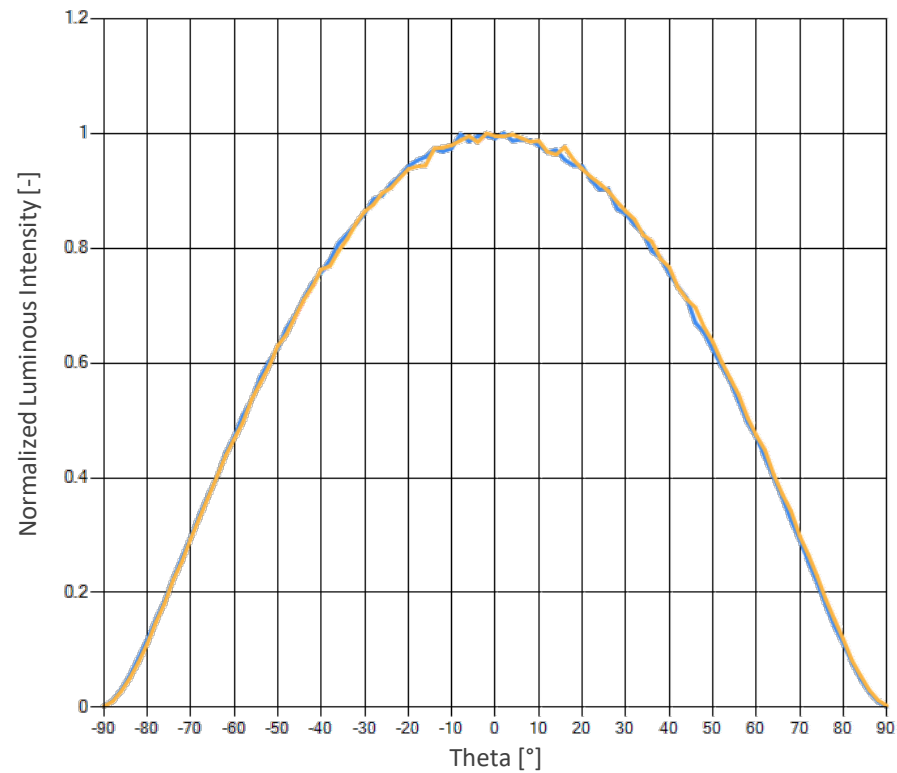
x =	0.009 mm
y =	0.009 mm
z =	1.055 mm

**CAD file and rayset files share the same coordinate system,
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z=0 plane == Bottom of package

LUXEON C ES Color

Normalized luminous intensity distribution



LUXEON C ES Color

Link to download folder

<https://raysets.lumileds.com/index.php/s/EYEmNn98oxEnzW7>

Files available for download at the link above

- Raw measurement file
- Rayset files for various software packages
 - ASAP
 - LightTools
 - LucidShape
 - Photopia
 - Speos
 - TracePro
 - Zemax
- CAD file (aligned to the raysets)



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