

# Radiant Source Model Report

## Source Model Information

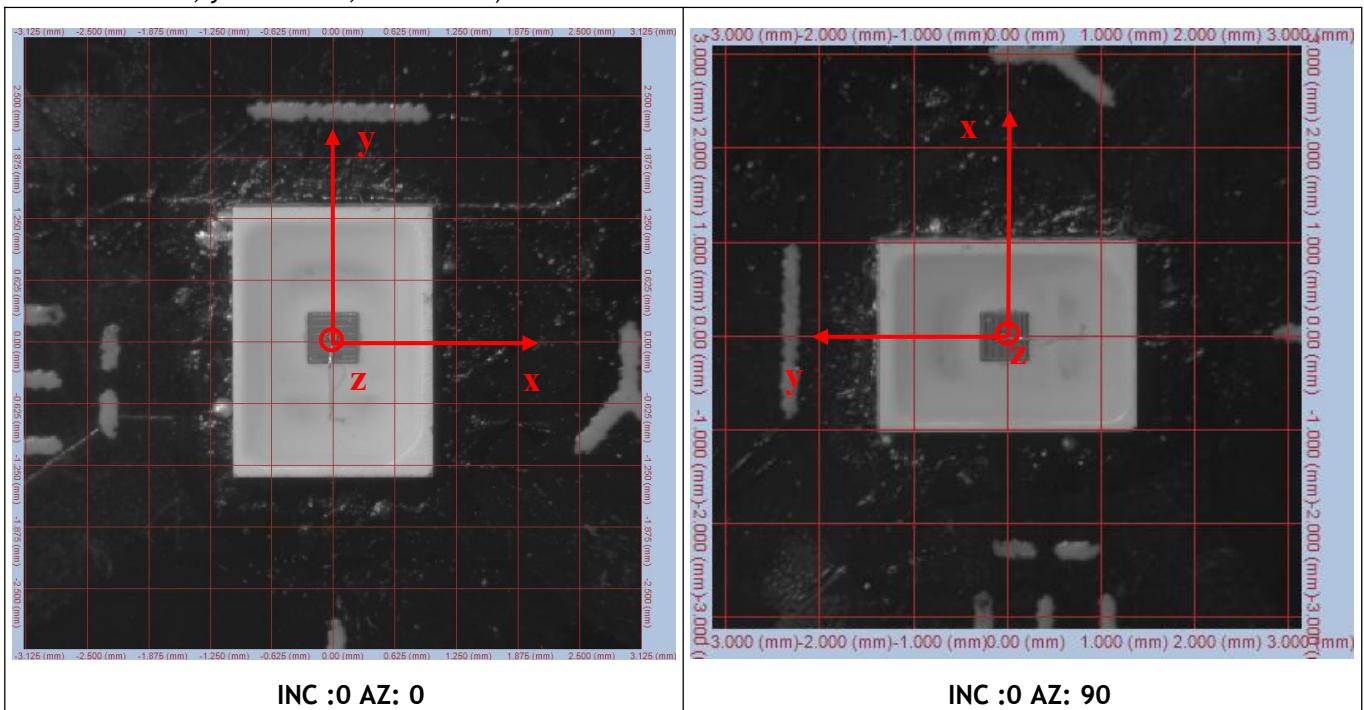
<b>Source Description</b> Product ID: Source Type: LED Model Number: 2720RED 0.5W Serial Number: Manufacturer: REFOUD  Source Description Notes:	<b>Scan Environment</b> measurement Type: Photometric SIG Orientation: SIG400/ Vertical Applied (volts): 2.47V Current Applied (amps): 150mA Watts Measured: 0.37W Cx: 0.6813 Cy: 0.3182 $\phi$ :26.09 lm  <b>Scan Results</b> Date Scanned: 9-Sep-2023 Number of Measurements: 2736 Azimuth Range: 0 to 90, Step 5 Polar Range: 0 to 360, Step 5 Rated Lumens/Watts:71 lm/W
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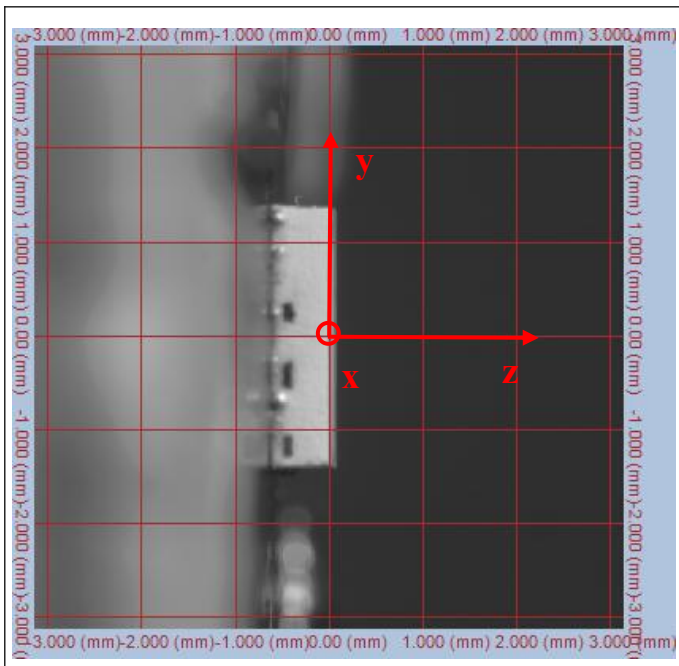
## Alignment Images

### Test Origin Coordinate Chart

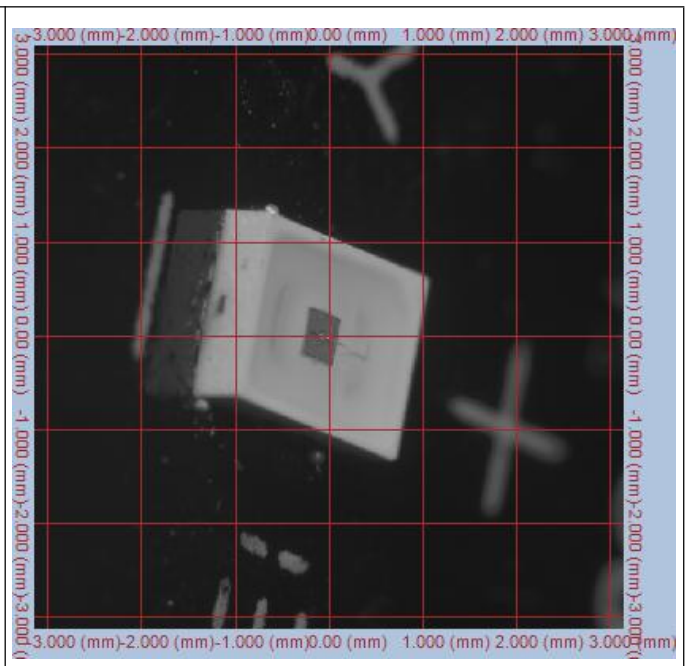
(The deviation of the position of the luminescent center relative to the center of the bracket.)

x= -0.04mm, y=-0.01 mm, z= 0.00mm)





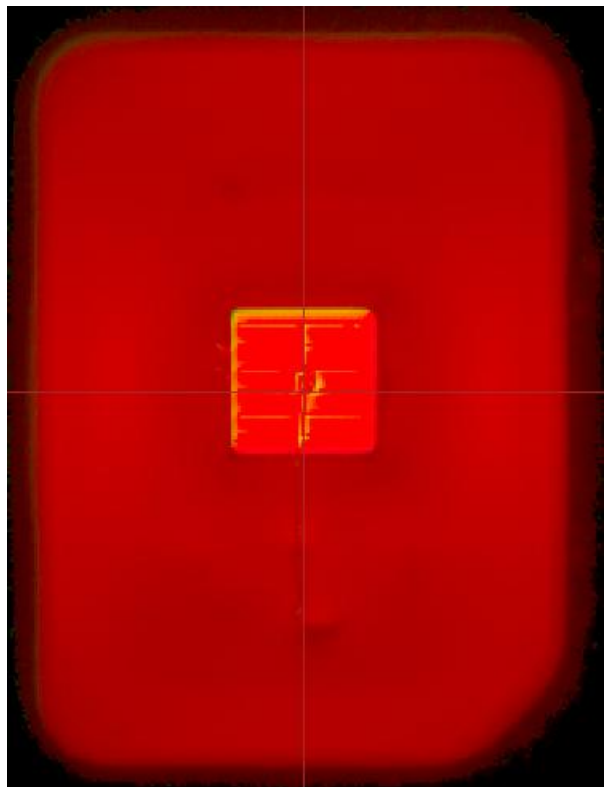
INC :90 AZ: 0



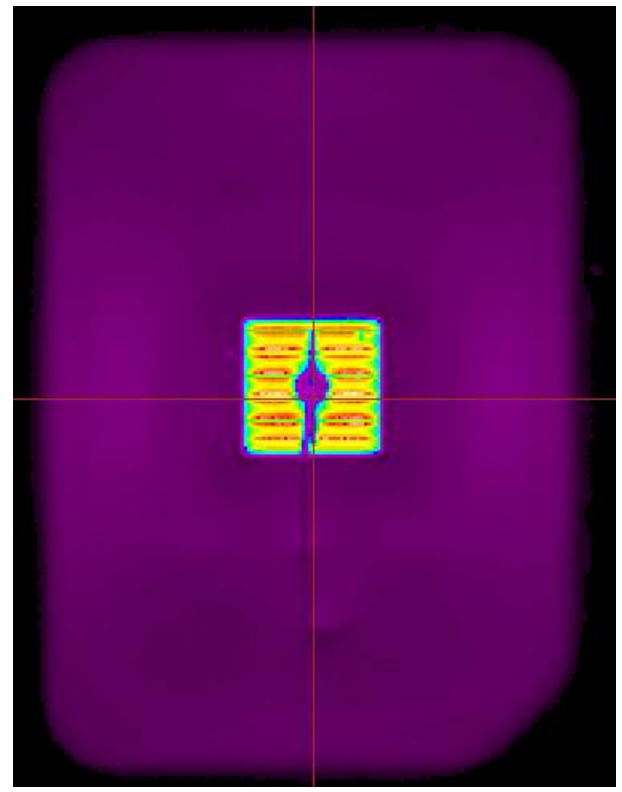
INC :50 AZ: 75

### Summary of Test Results

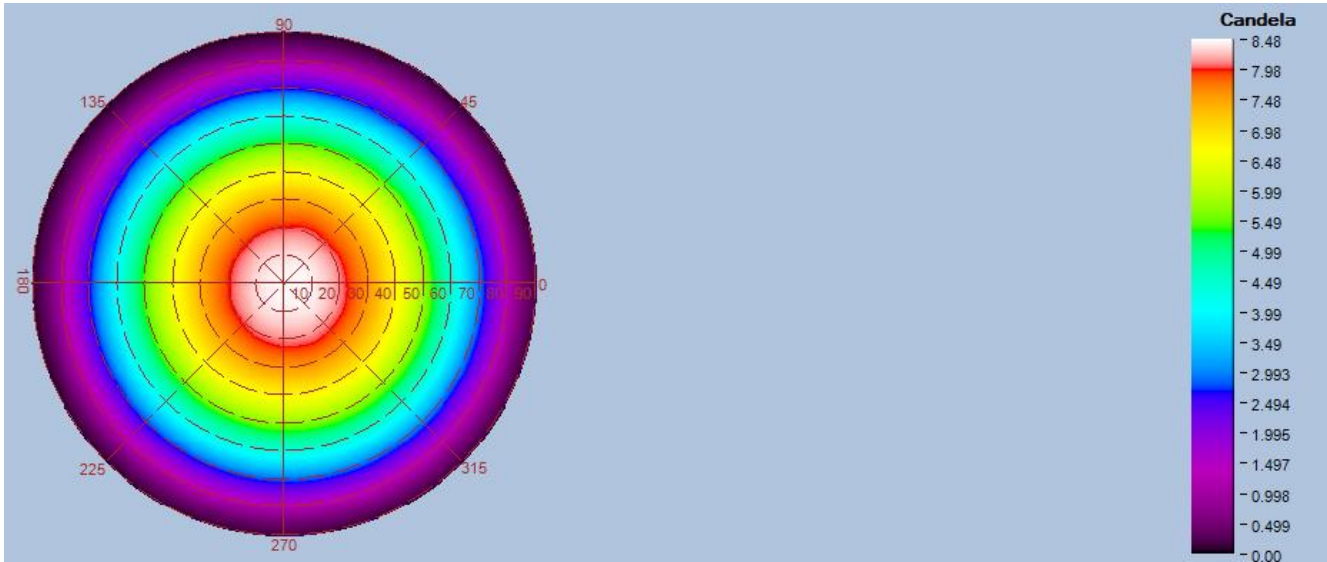
Top-View True Color Image



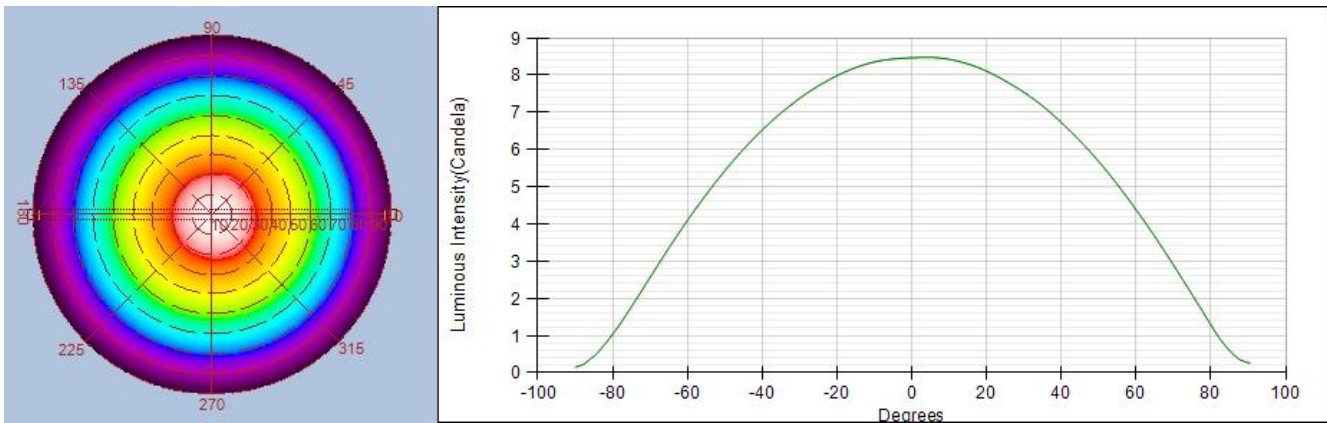
Top-View Luminance Image



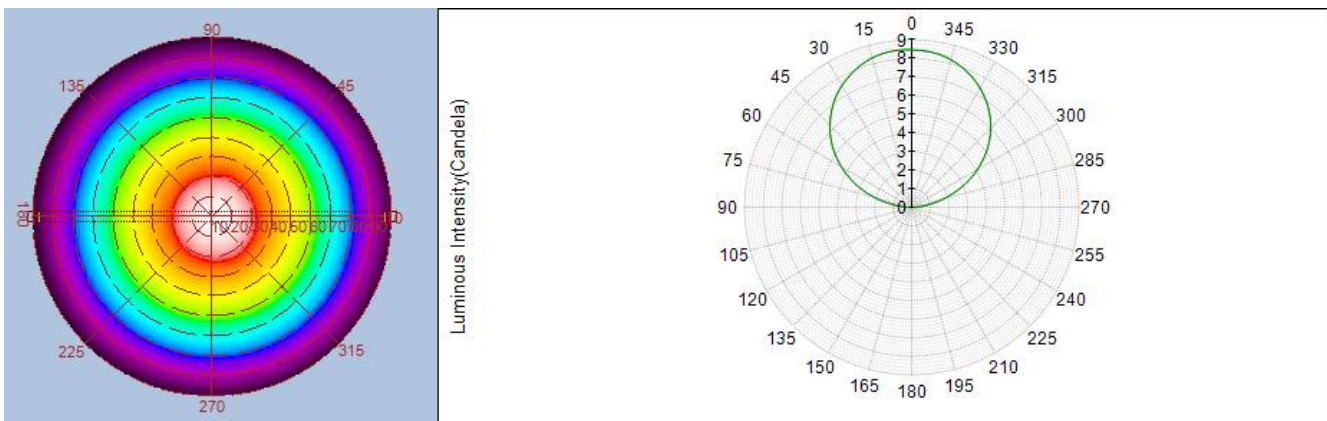
**Intensity(traced to infinity)**



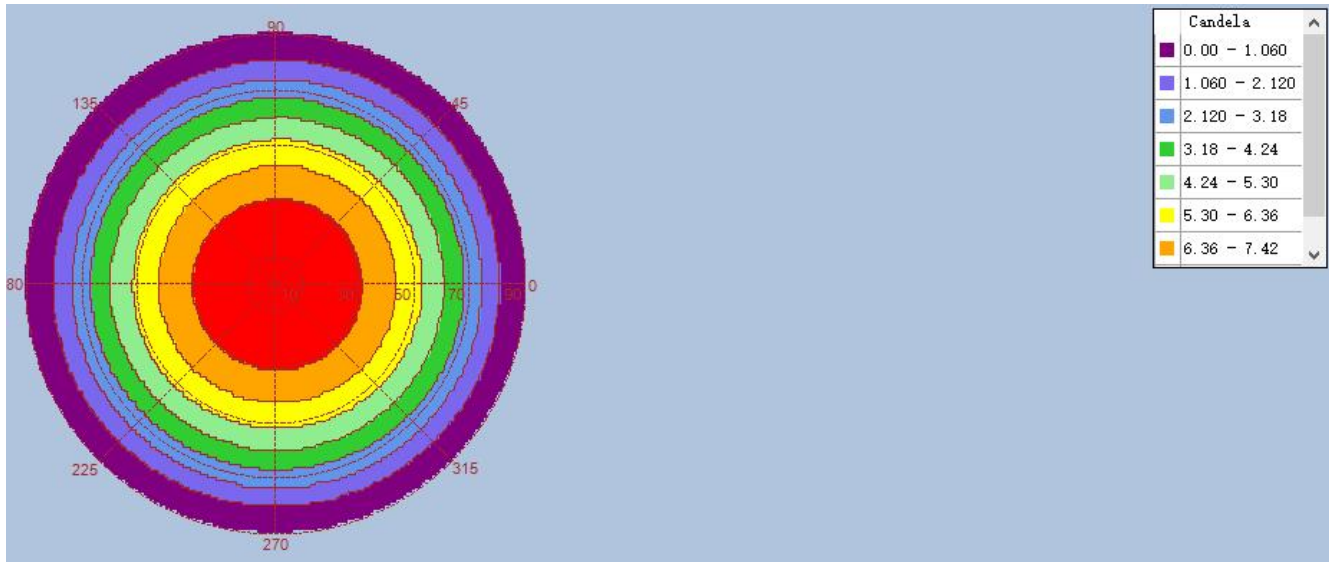
**Intensity(traced to infinity) Cross Section Luminous Intensity(Candela)**



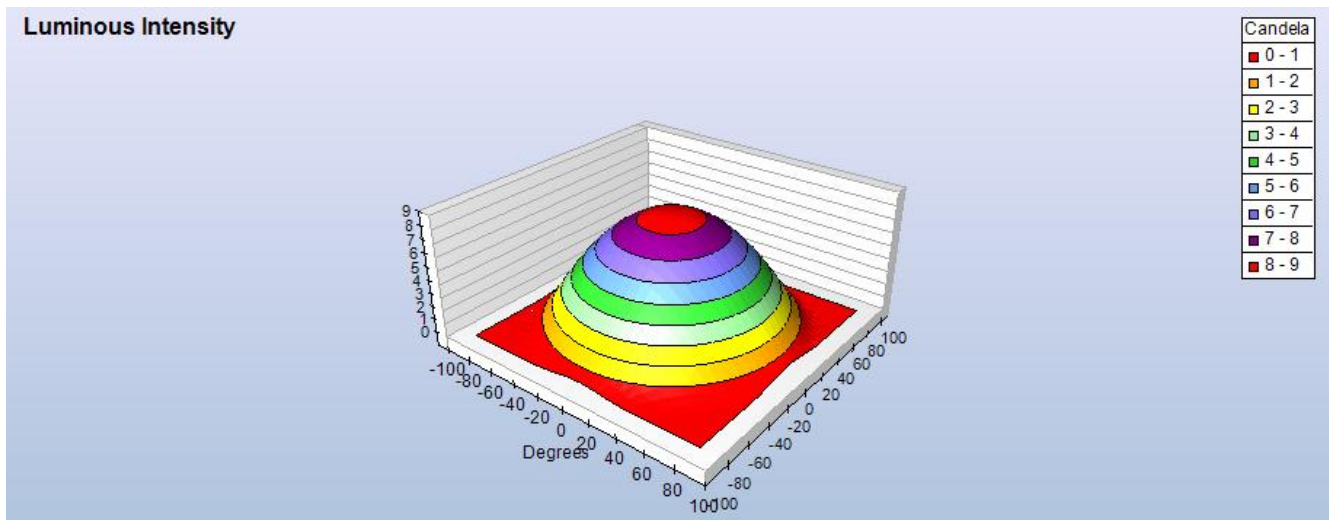
**Intensity(traced to infinity) Cross Section Luminous Intensity(Candela)**



### Intensity(traced to infinity) Iso-Plot



### Intensity(traced to infinity) 3D Iso-Plot



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