

Radiant Source Model Report



Source Description

Product ID:
Source Type: LED
Model Number: RF-A4E27-R22H-S1
Serial Number:
Manufacturer: Seoul semiconductor
Hours Burned: 30min
M.Rated Watts (E-in):M.Rated Lumens:
measurement Type: Photometric
SIG Orientation: SIG400: VerticalVoltage
Source Description Notes:

Scan Environment

Applied (volts): 2.76V
Current Applied (amps): 350mA
Watts Measured: 0.97W
Cx: 0.6954 Cy: 0.3041 :46.72 lm

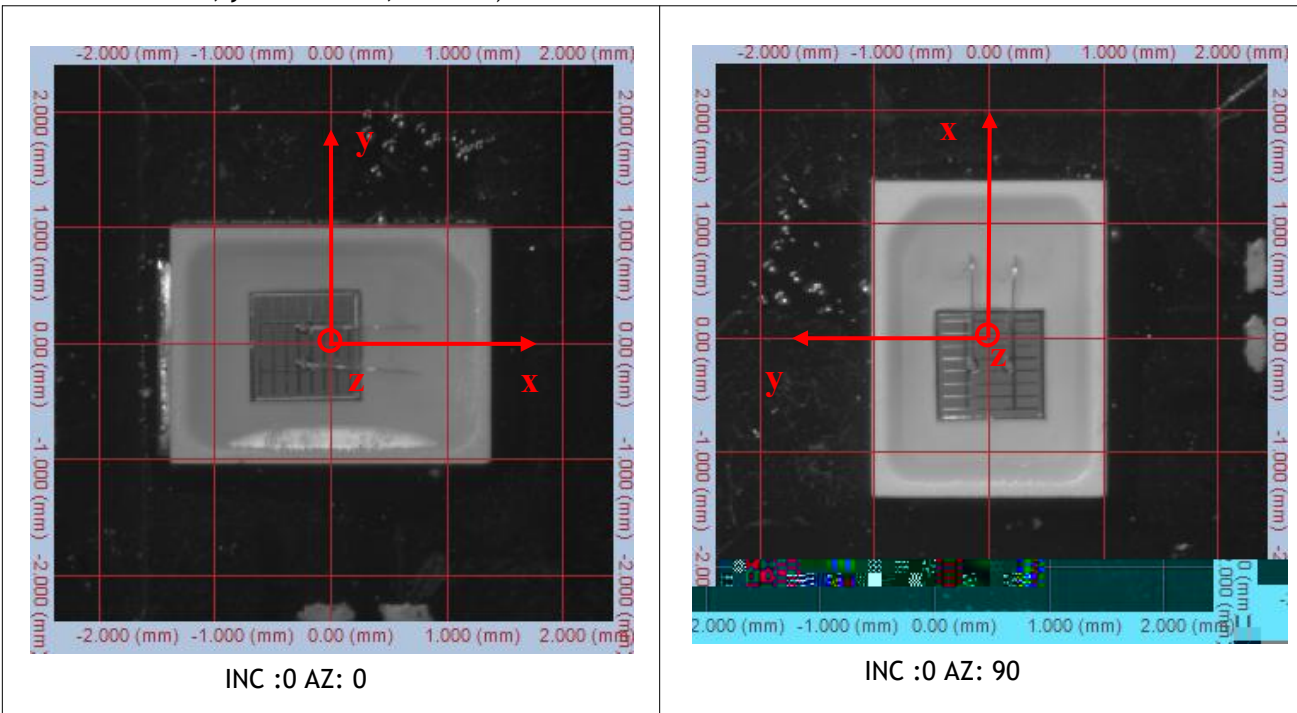
Scan Results

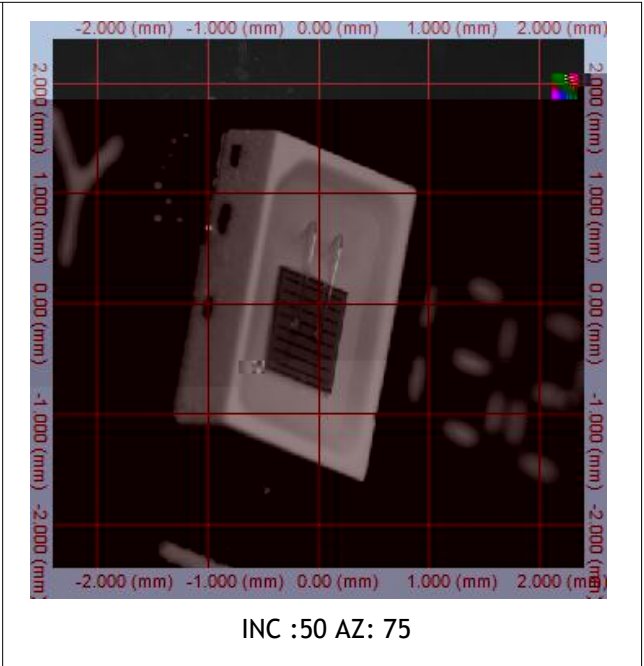
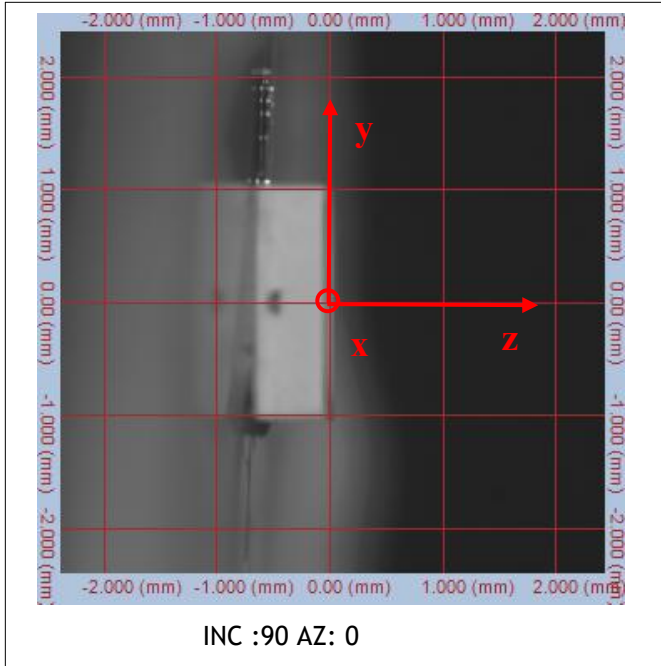
Date Scanned: 14-Mar-2024
Number of Measurements: 2736
Azimuth Range: 0 to 90, Step 5
Polar Range: 0 to 360, Step 5
Rated Lumens/Watts: 48.2 lm/W

Test Origin Coordinate Chart

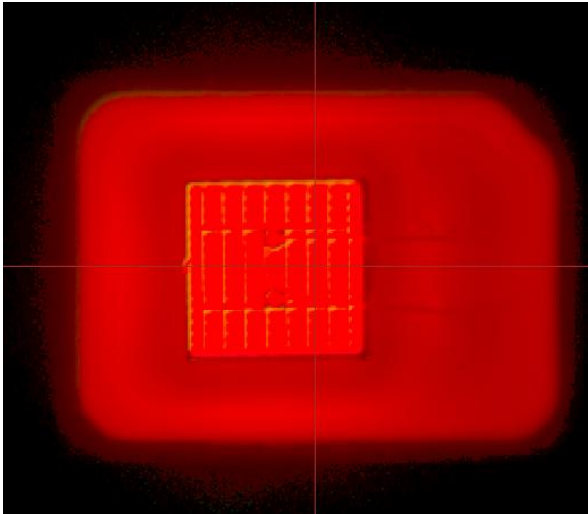
(The deviation of the position of the luminescent center relative to the center of the bracket.

x= -0.0105mm, y=00.005 mm, z= 0mm)

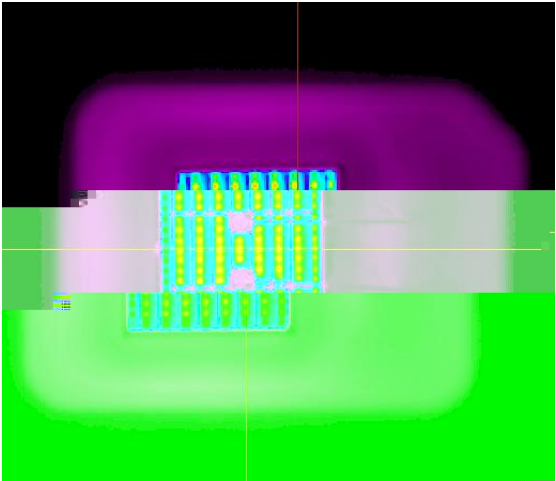




Top-View True Color Image



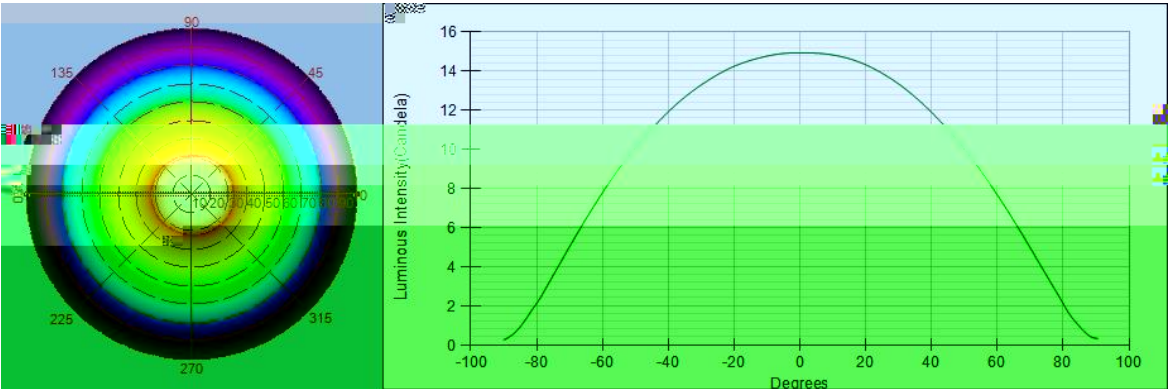
Top-View Luminance Image



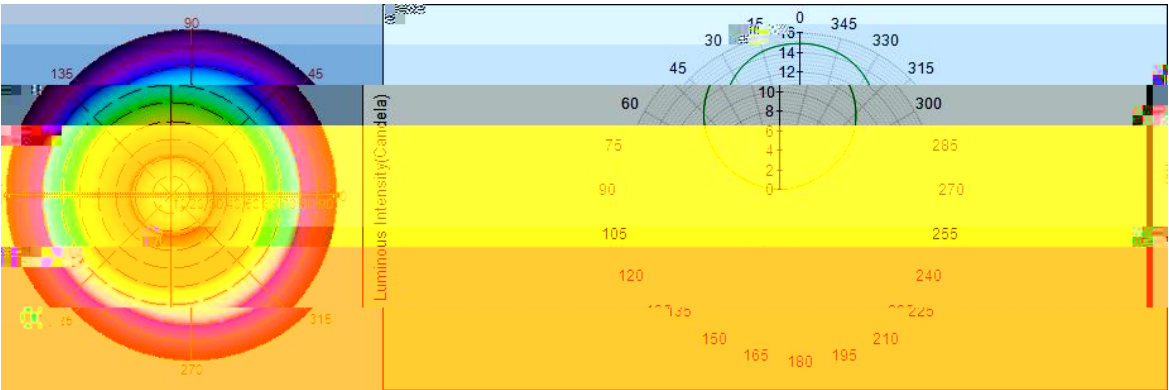
Near Field Radar Bitmap



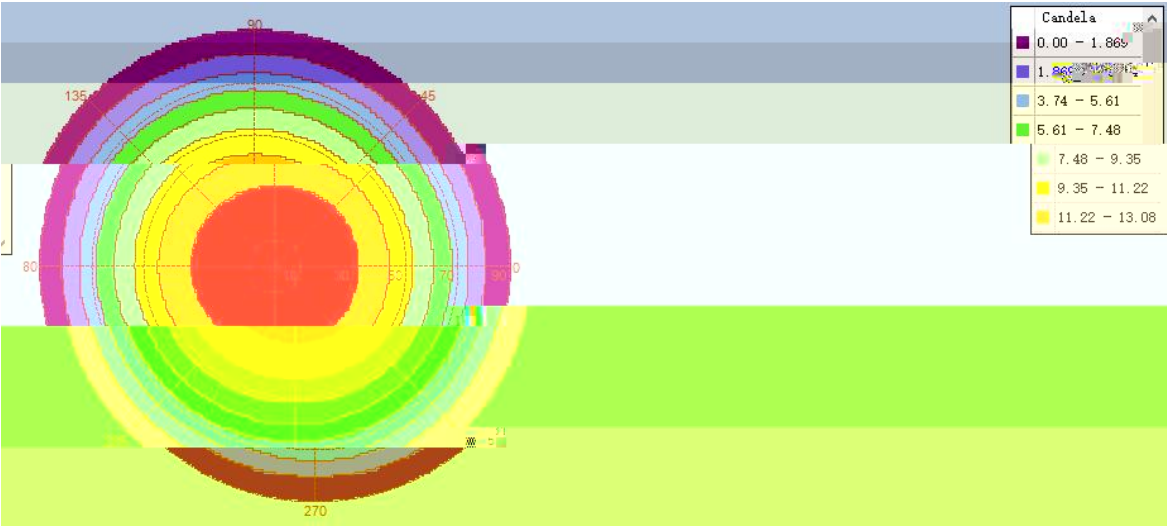
Intensity(traced to infinity) Cross Section Luminous Intensity(Candela)



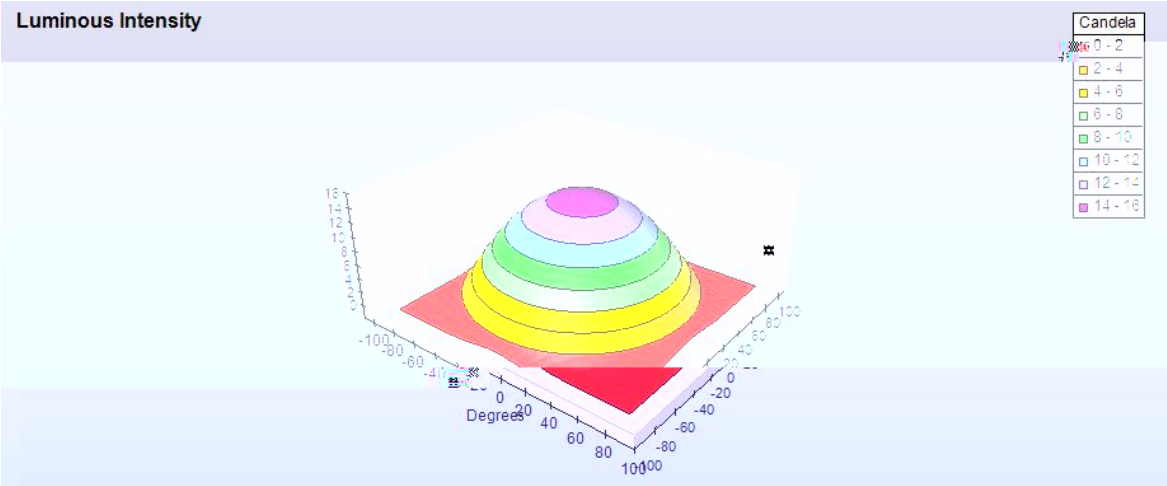
Intensity(traced to infinity) Cross Section Luminous Intensity(Candela)



Intensity(traced to infinity) Iso-Plot



Intensity(traced to infinity) 3D Iso-Plot



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