SEOUL SEMICONDUCTOR

Ray set Measurement

STW8C2SB Package

SSC R&D Center
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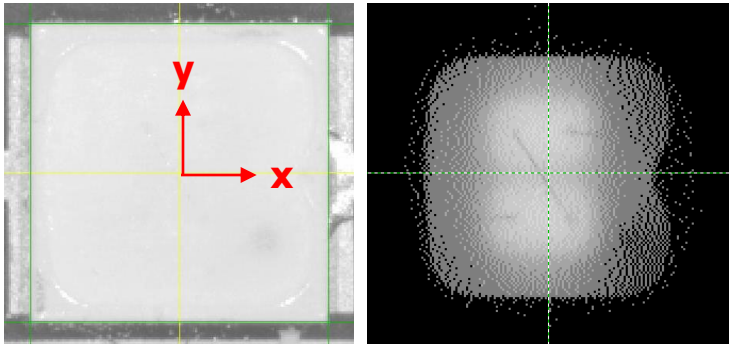
1. Measurement Conditions

(1) Common Information

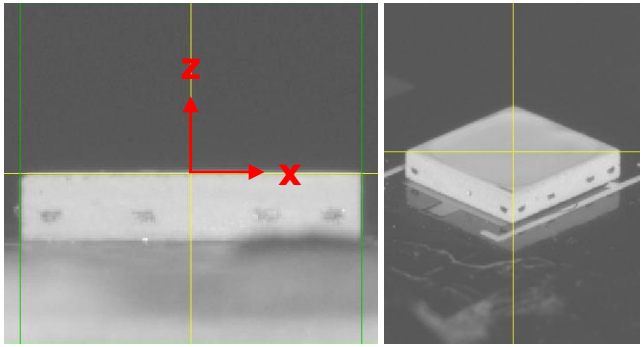
Package Name	STW8C2SB	Operating Current / Voltage	100mA / 5.9V
Measuring Date	2014.07.04	Burn in Time	> 1 Hour

(2) Position and Orientation

The following views are showing the origin position of the ray data coordinate system referring to the measuring object. The images are captured by the luminance measuring camera at the given angles of the goniometer coordinate system (spherical coordinates)



View in Z axis(Theta = 0°, Phi = 90°)



View in Z axis(Theta = -90°, Phi = 90°)

Goniometer coordinate system

* Measuring equipment and software : RIGO801, Converter801 (TechnoTeam, Germany)

2. Measurement results

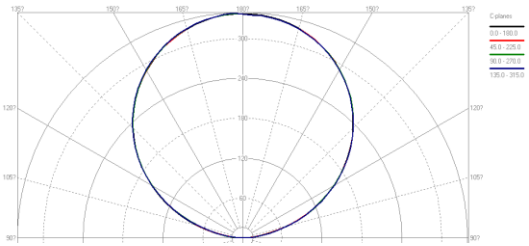
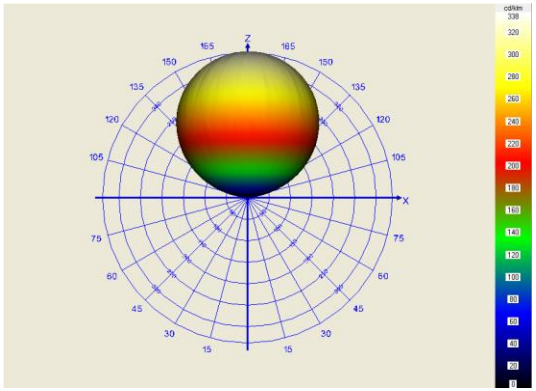
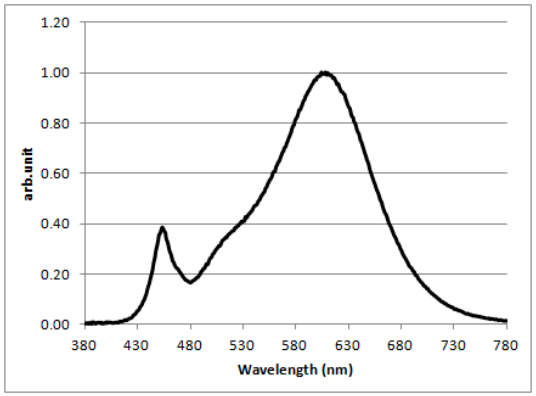
(1) Measuring Parameter

Theta Range	-90° ~ 90°
Theta Step	2.5°
Phi Range	0° ~ 180°
Phi Step	2.5°

(3) Conversion Format

Pos.	Conversion Format	Number of Rays	File Name
1	LightTools	1e6	STW8C2SB_1M_LightTools.txt
2	LightTools besides 6 kind program		
*.Six kind program : ASAP, LucidShape, Zemax, TracePro, Speos, SimuLux			

(2) Intensity Distribution

Polar plot	3D view	Spectrum
		

Viewing angle : 117deg

THANK YOU!

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