

Lightsource Test Report

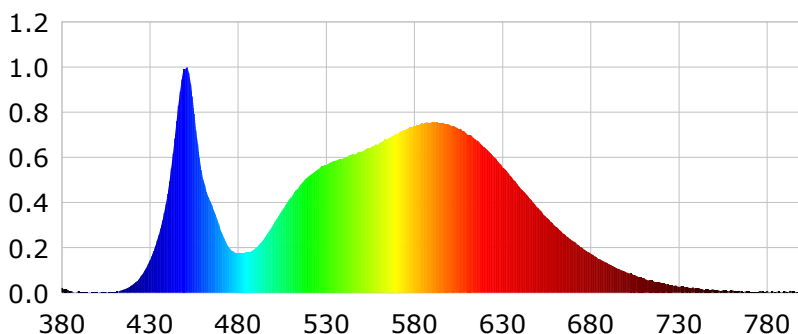
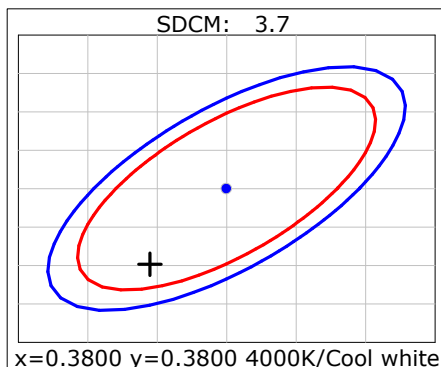
Product Information

Product Category: NEO-L-9LS2835-500
Product Spec: t=0m Ts25
Manufacturer: LUMILEDS

Product Type: L128-4080SA35A00D1
Product Number: 22

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3745$ $y=0.3701$ $u(u')=0.2238$ $v=0.3318$ $v'=0.4977$
CCT: $T_c=4120K$ ($duv=-0.00135$) Color Ratio: $R=0.178$ $G=0.790$ $B=0.032$
Peak Wavelength: 450.8nm Half Bandwidth: 19.1nm
Dominant Wavelength: 579.4nm Color Purity: 0.235
CRI: $R_a=80.9$, $avgR(1\sim14)=73.5$, $avgR(1\sim15)=73.6$ TM30: $R_f=81$, $R_g=96$
 $R1=80$ $R2=86$ $R3=91$ $R4=81$ $R5=79$ $R6=81$ $R7=85$ $R8=64$
 $R9=5$ $R10=67$ $R11=79$ $R12=56$ $R13=81$ $R14=95$ $R15=75$
Color Quality Scale: $Q_a=79.9$, $Q_f=79.6$, $Q_p=81.3$, $Q_g=93.8$
 $Q1=82$ $Q2=98$ $Q3=73$ $Q4=71$ $Q5=78$ $Q6=81$ $Q7=83$ $Q8=88$
 $Q9=96$ $Q10=84$ $Q11=81$ $Q12=80$ $Q13=81$ $Q14=71$ $Q15=75$



Photometric Parameters

Luminous Flux: 1018.22 lm
EEI: 0.08

Efficiency: 157.25 lm/W Radiant Power: 3.075 W
Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 9.2500V
Power Factor: 0.0000

Current: 0.7000A Power: 6.47W
Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 47073 (1811)

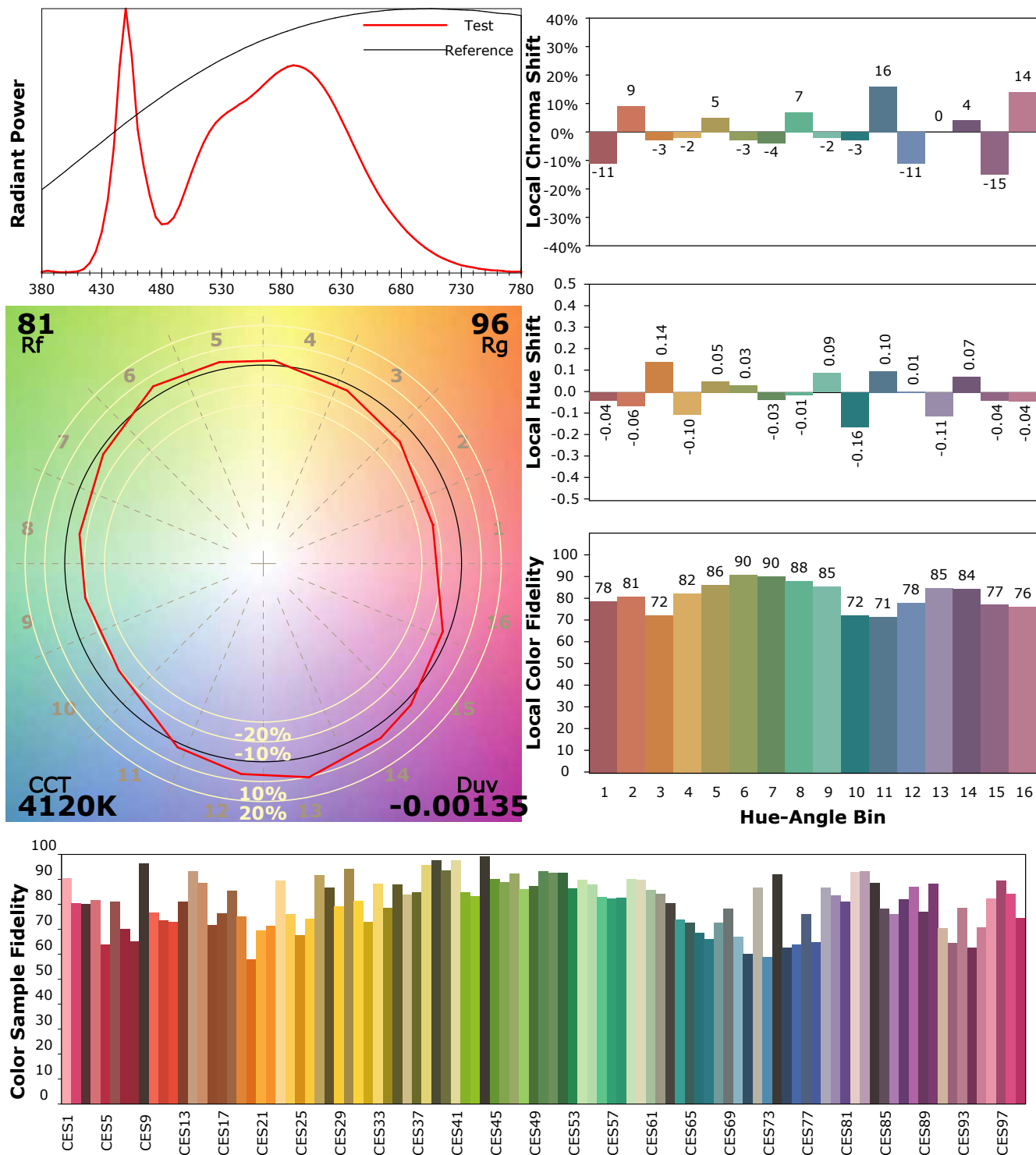
Photometric Method:
Photometric Condition: Sphere diameter: 1.50m, 2PI
CCD Integration Time: 315.49 ms

IES TM-30-18 Color Rendition Report

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Condition: Tx:26.9°C, Ti:25.6°C
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2024-12-25 17:40:55
Inspector: