

NORDECOR Lightsource Test Report

Product Information

Product Category: Spot led fine Kany 5W
Product Number: 06

Product Spec: 6876
Manufacturer: NORDECOR

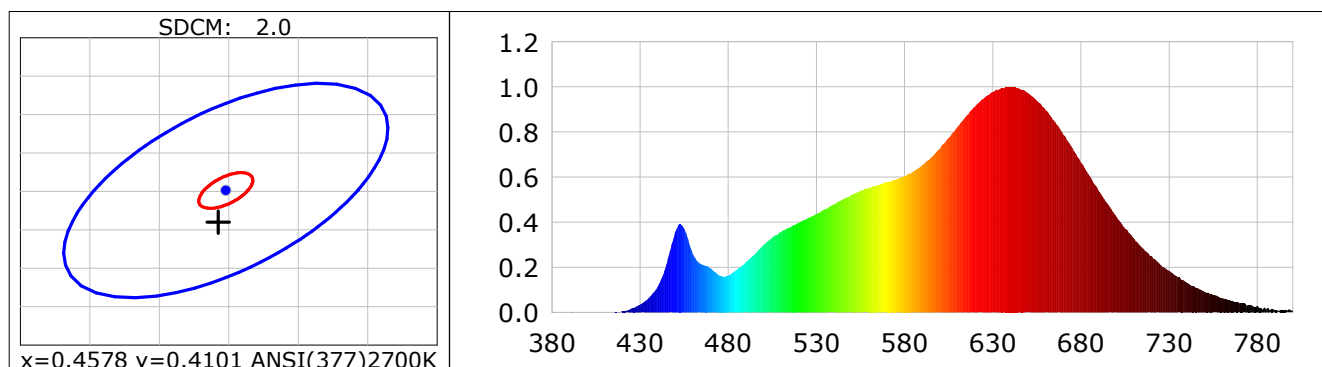
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4572$ $y=0.4060$ $u(u')=0.2629$ $v=0.3501$ $v'=0.5252$
CCT: $T_c=2701K$ ($duv=-0.00149$) Color Ratio: $R=0.274$ $G=0.700$ $B=0.026$
Peak Wavelength: 638.6nm Half Bandwidth: 148.9nm
Dominant Wavelength: 584.7nm Color Purity: 0.591
Central Wave: 619.0nm Gravity Wave: 625.6nm
CRI: $R_a=97.8$, $avgR(1\sim14)=97.0$, $avgR(1\sim15)=97.1$ TM30: $R_f=95$, $R_g=103$
GAI: $GAI_BB_8=108.6$, $GAI_BB_15=112.7$, $GAI_EES=52.8$

R1 =98	R2 =99	R3 =96	R4 =97	R5 =98	R6 =97	R7 =99	R8 =100
R9 =99	R10=99	R11=94	R12=89	R13=98	R14=97	R15=98	TLCI=97

Color Quality Scale: $Q_a=95.0$, $Q_f=95.5$, $Q_p=100.3$, $Q_g=100.9$

Q1 =96	Q2 =96	Q3 =92	Q4 =94	Q5 =97	Q6 =94	Q7 =92	Q8 =96
Q9 =97	Q10=96	Q11=97	Q12=97	Q13=97	Q14=96	Q15=96	



Photometric Parameters

Luminous Flux: 414.11 lm Efficiency: 79.45 lm/W Radiant Power: 1.623 W
Total mains efficacy: 79.45 lm/W Energy Efficiency Class: G (EU 2019/2015)
Melanin Flux: 0.252 W M/R: 0.5072 MDER: 0.4615
Mesopic Flux (CIE R.): 460.07 lm ($L_p=0.100$ cd/m², $S/P=1.34$)
Mesopic Flux (USP): 499.65 lm ($L_p=0.100$ cd/m², $S/P=1.34$)
Mesopic Flux (MOVE): 468.01 lm ($L_p=0.100$ cd/m², $S/P=1.34$)

Electric Parameters

Voltage: 48.000V Current: 0.1086A Power: 5.21W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 46339 (1859)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 741.46 ms

Condition: Tx:18.4'C, Ti:17.8'C, R.H.:60%
Test Lab:
Operator:

Test Device: CMS-2S (Plus)
Test Time: 2026-05-21 08:41:43
Auditor:

NORDECOR

IES TM-30-18 Color Rendition Report

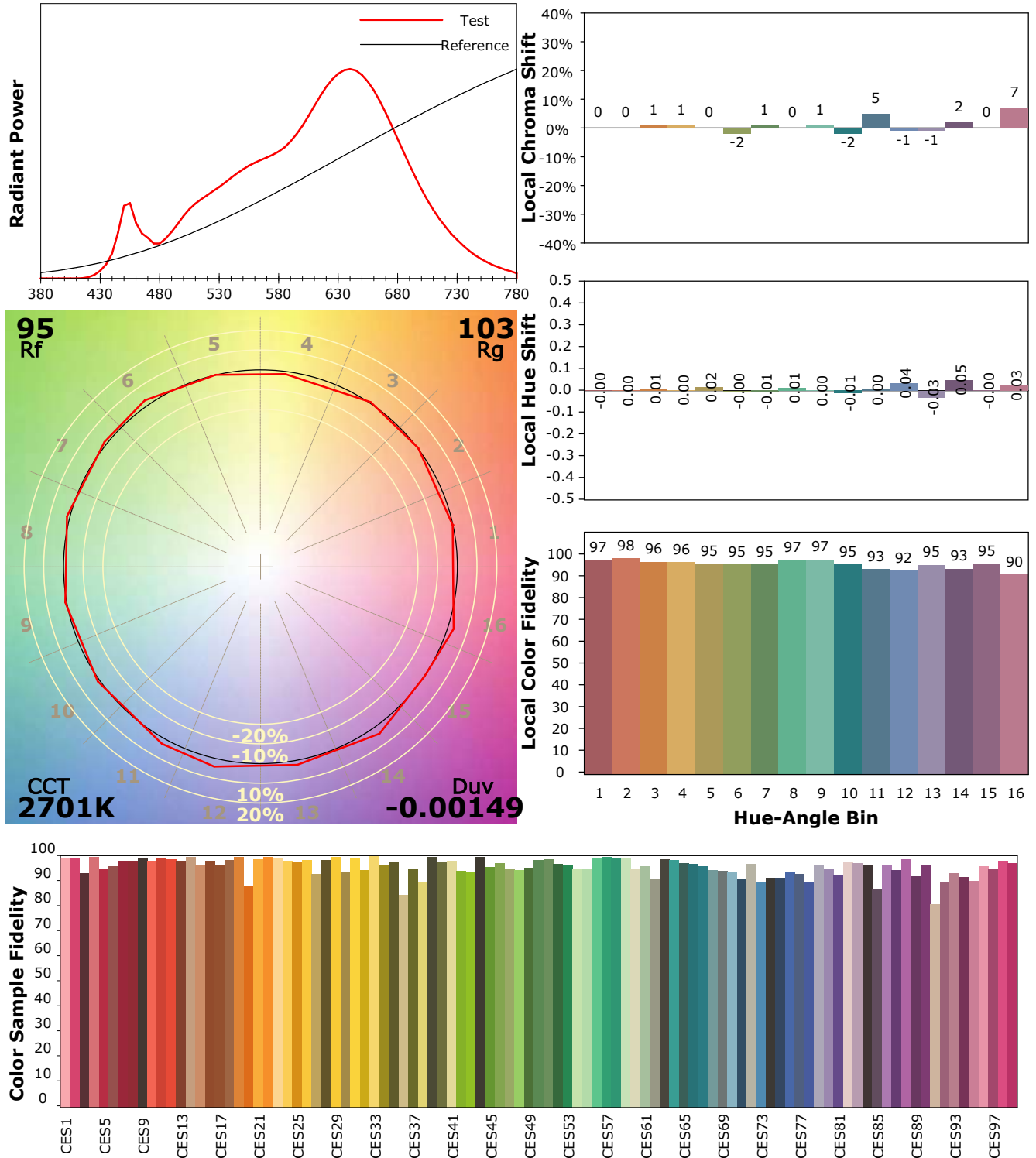
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