

## NORDECOR Lightsource Test Report

### Product Information

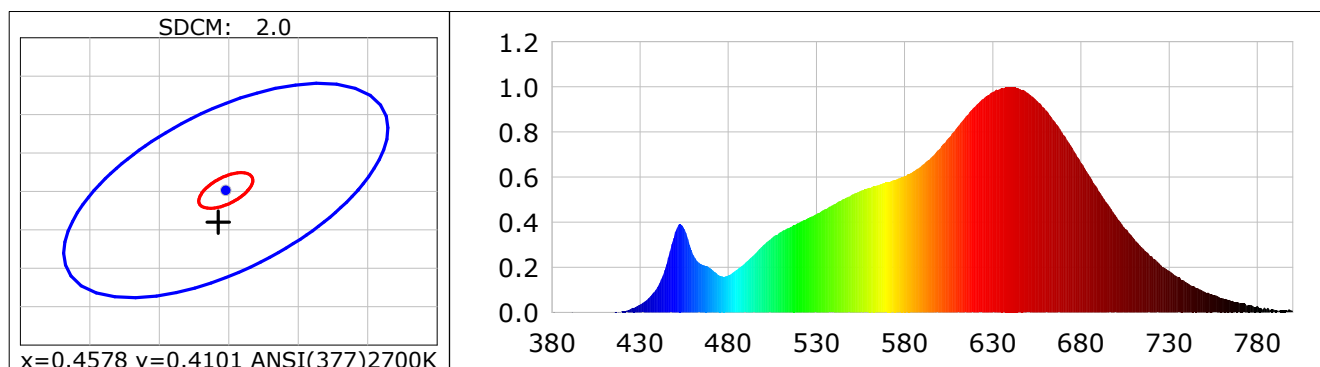
Product Category: Spot led fine Kany 5W  
Product Number: 06

Product Spec: 6877  
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/m<sup>2</sup>,  $S/P=1.34$ )  
Mesopic Flux (USP): 499.65 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.34$ )  
Mesopic Flux (MOVE): 468.01 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.34$ )

### 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

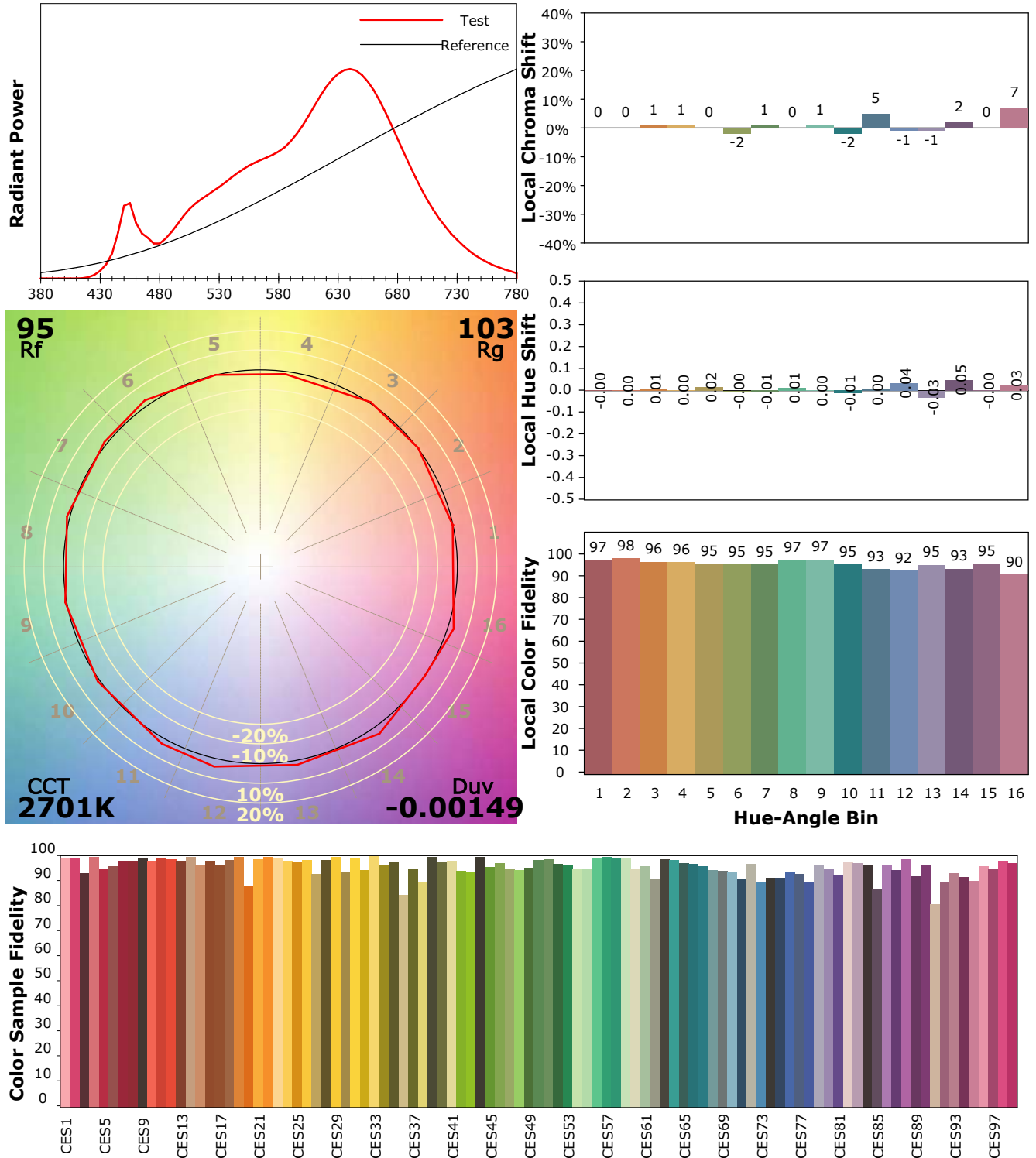
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