

## NORDECOR Lightsource Test Report

### Product Information

Product Category: SPOT LED MIES 2W 3000K

Product Spec: 6480

Product Number: 01

Manufacturer: NORDECOR

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.4357$ ,  $y=0.4013$ ;  $u(u')=0.2510$ ,  $v=0.3467$ ,  $v'=0.5201$ CCT:  $T_c=2998K$  ( $duv=-0.00094$ )Color Ratio:  $R=0.236$ ,  $G=0.736$ ,  $B=0.028$ 

Peak Wavelength: 610.8nm

Half Bandwidth: 133.9nm

Dominant Wavelength: 583.2nm

Color Purity: 0.512

Central Wavelength: 592.9nm

Gravity Wavelength: 598.9nm

CRI:  $R_a=86.2$ ,  $avgR(1\sim14)=81.9$ ,  $avgR(1\sim15)=81.7$ TM30:  $R_f=87$ ,  $R_g=97$ GAI:  $GAI\_BB\_8=97.0$ ,  $GAI\_BB\_15=103.7$ ,  $GAI\_EES=55.7$ 

COI: 4.95

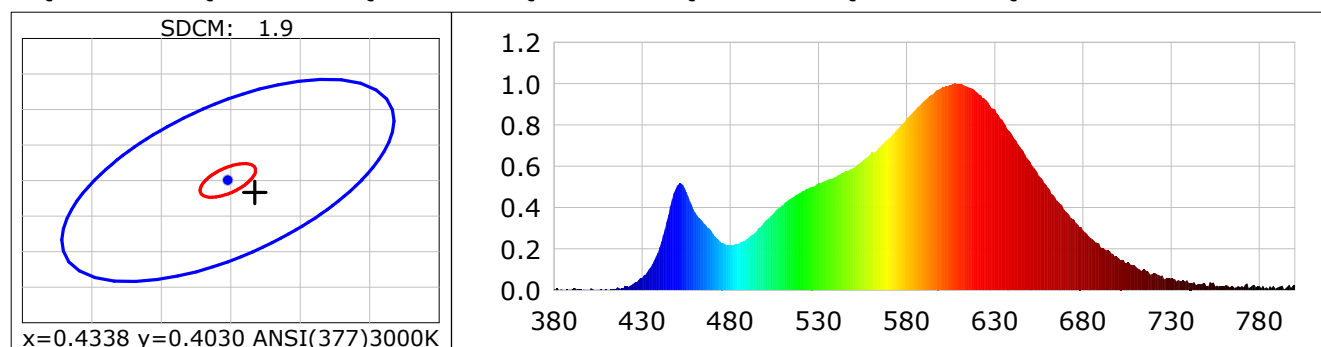
R1 =85.6 R2 =93.8 R3 =96.6 R4 =85.3 R5 =86.3 R6 =93.3 R7 =83.7 R8 =64.7

R9 =21.5 R10=85.5 R11=85.9 R12=77.3 R13=87.8 R14=99.1 R15=78.5 TLCD=74

Color Quality Scale:  $Q_a=85.4$ ,  $Q_f=86.9$ ,  $Q_p=87.0$ ,  $Q_g=93.0$ 

Q1 =81 Q2 =95 Q3 =86 Q4 =83 Q5 =86 Q6 =87 Q7 =87 Q8 =88

Q9 =96 Q10=92 Q11=89 Q12=87 Q13=86 Q14=76 Q15=78



### Photometric Parameters

Luminous Flux: 49.445 lm

Efficiency: 36.36 lm/W

Radiant Power: 0.153 W

Total mains efficacy: 36.36 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.032 W M/R: 0.5339 MDER: 0.4858

Mesopic Flux (CIE R.): 55.68 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.38$ )Mesopic Flux (USP): 60.99 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.38$ )Mesopic Flux (MOVE): 56.76 lm ( $L_p=0.100$  cd/m<sup>2</sup>,  $S/P=1.38$ )

### Electric Parameters

Voltage: 220.40V

Current: 0.0140A

Power: 1.36W

Power Factor: 0.4520

Frequency: 60.00Hz

### Test Information

Scan Range: 380~800:1nm

Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms ALCL.: 1.0000

Photometric Condition: Sphere diameter: 2.00m, 4PI

Max of Signal: 48152 (3285)

CCD Integration Time: 6010.29 ms

Condition:  $T_x=16.6^{\circ}C$ ,  $T_i=16.5^{\circ}C$ , R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S(PLUS)

Test Time: 2026-07-08 10:45:17

Auditor:

## NORDECOR

### IES TM-30-24 Color Rendition Report

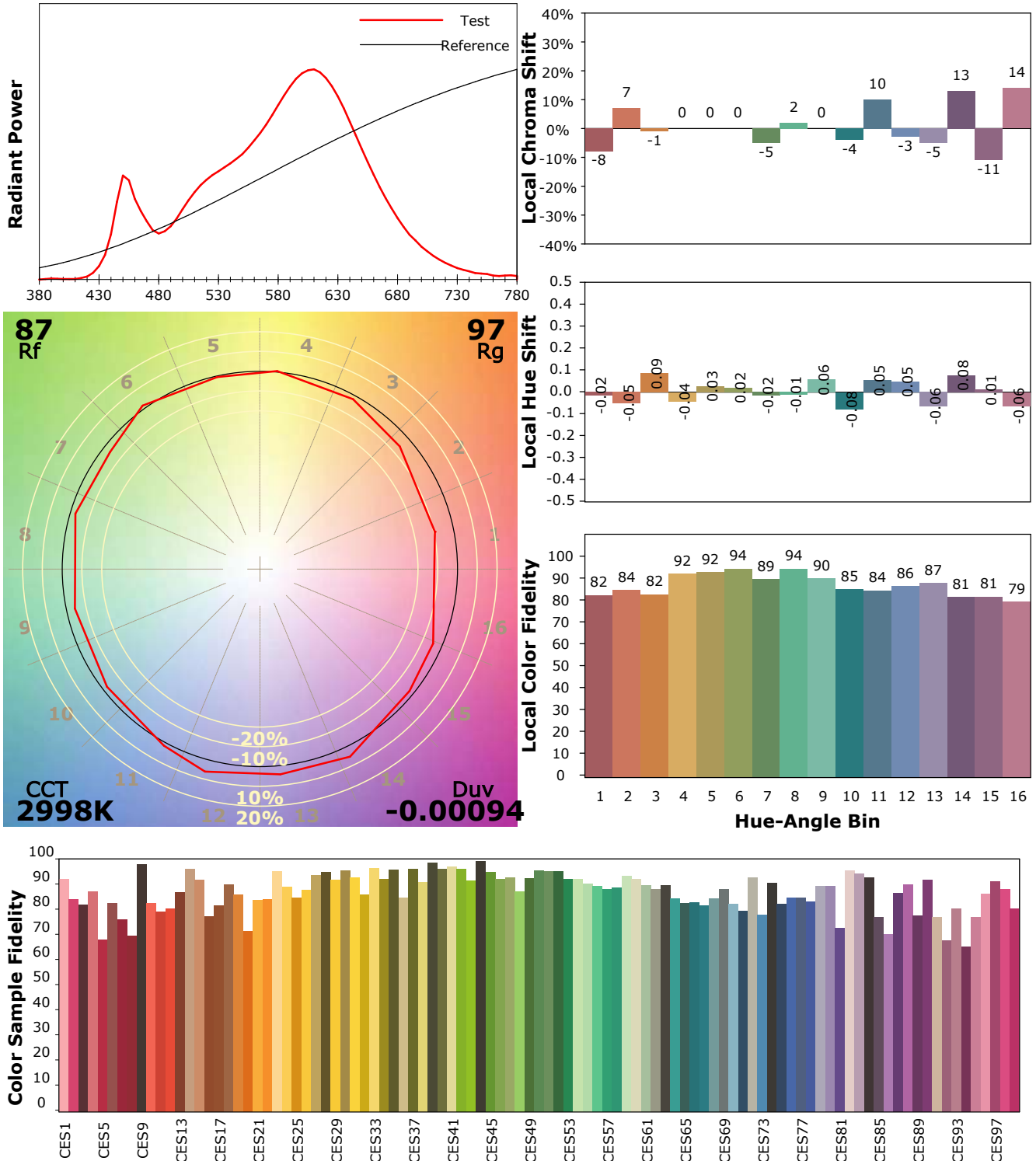
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